

Connecting with communities

Proposed Resource Management Facility at Erskine Park

Odour - Overview of strategy

Cleanaway's principal goal is to ensure that there is no adverse impact on the local community.

Approach to odour management

- Cleanaway's principal goal is to ensure that there is no adverse impact on the local community.
- Following the stakeholder briefing in May, we revisited our approach to odour and voluntarily set ourselves a performance standard (the design standard) beyond that required by legislation (the compliance standard).
- Since then significant effort has gone into meeting this stringent performance standard, further developing our odour management strategy; key features of which include:
 - Containing odour within the building by receiving and loading waste within an enclosed building incorporating fast-acting doors.
 - Cleaning the air with a scrubbing system (proven technology).
 - Controlled dispersion of the cleaned air through a specially designed air ventilation system.
- Detailed assessments have demonstrated this approach not only meets compliance standards, it achieves the more stringent performance standard set by Cleanaway.

Outcomes of the assessment

- Operating at full capacity the Waste Transfer Station would not exceed the NSW EPA impact assessment criterion (the 'compliance standard') for odour at any residential locations.
- This is achieved without the need for air pollution control measures to clean the air.
- Odour is contained well within the industrial area (refer to odour contour figure).
- Using the more onerous 'design standard', the assessment found a small residential area immediately north of the industrial area could be affected under certain conditions without the application of air pollution control measures.
- Applying a cleaning technology such as a wet scrubber enables the design standard to be met.
- Odour is contained well within the industrial area (refer to odour contour figure).

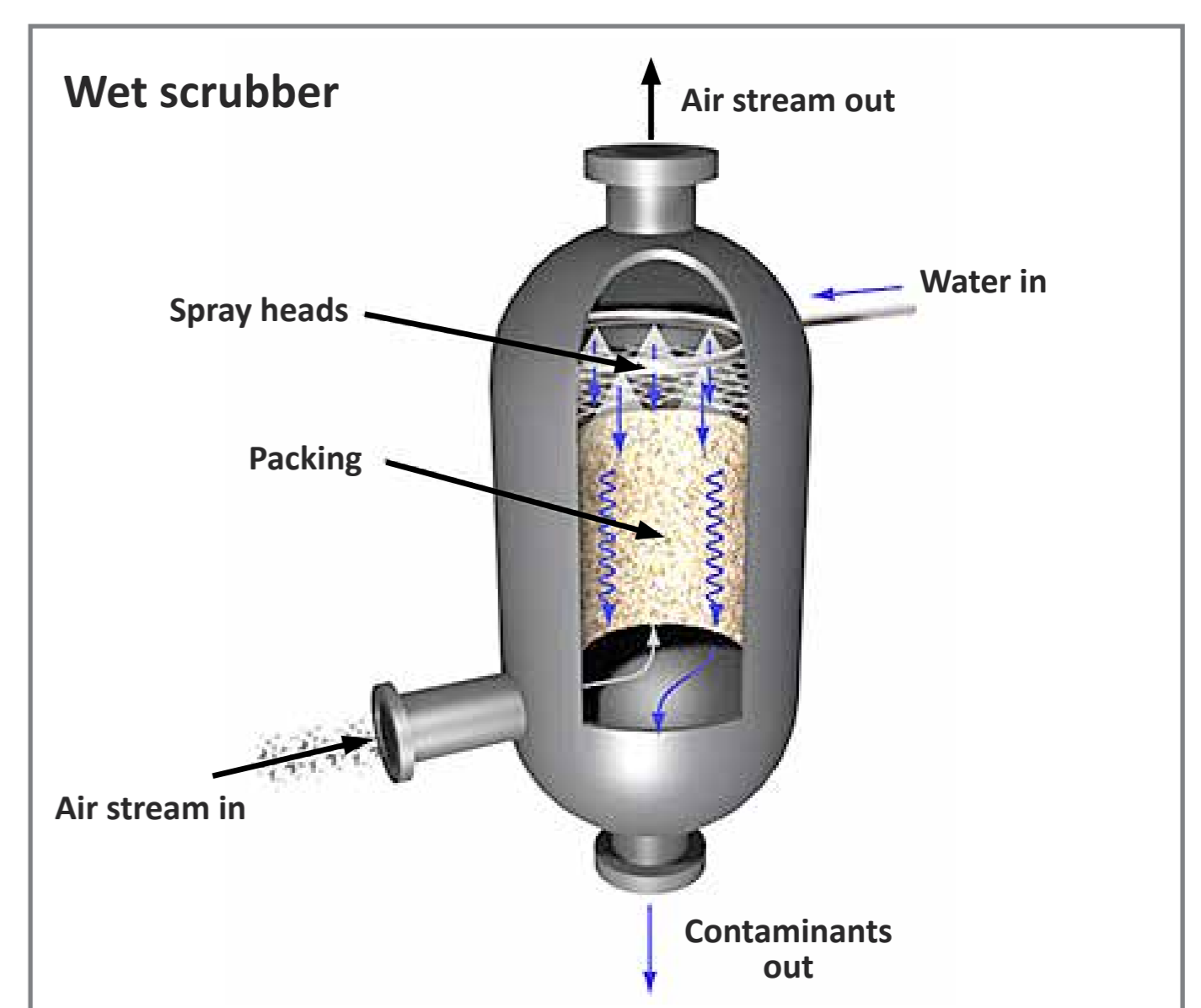
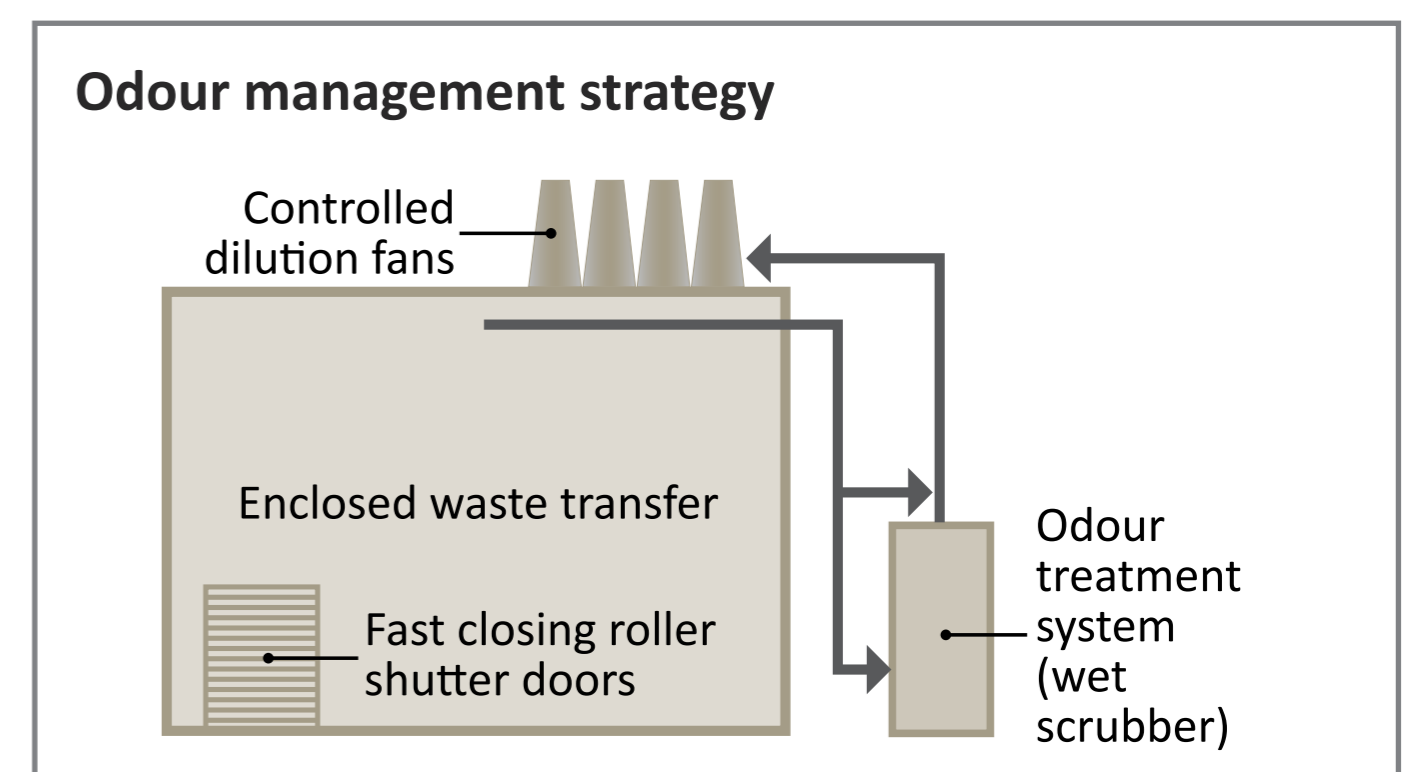
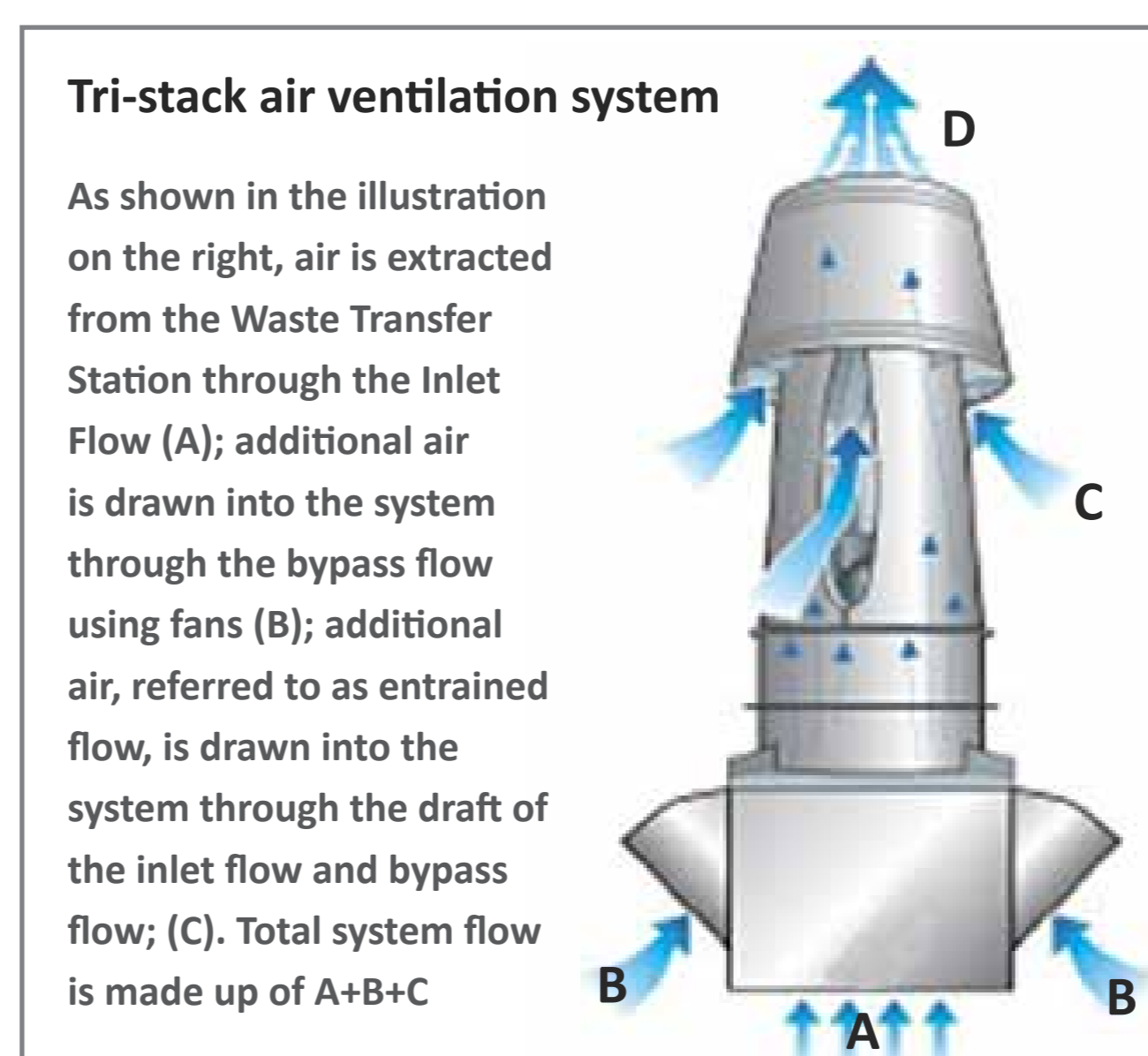
What are Cleanaway's commitments?

- An **enclosed building design** incorporating fast acting doors to contain odour within the building.
- A **wet scrubber** to clean the air; removing contaminants, including odour, from the air through contact with water, which absorbs the contaminants.
- The odour management system will have excess capacity to manage predicted odour emissions under a range of conditions.



The enclosed building with fast acting doors to contain odour

- A **Tri-Stack Air Ventilation System**. The cleaned air will be drawn to a series of dilution stacks on the roof of the building. The selected system will provide significantly enhanced emission control through entrainment of additional air from the surrounding environment, ensuring discharge velocity is maximised while mixing and dilution are enhanced.
- Within the first 12 months, monitoring will be undertaken to verify odour predictions and refine odour management measures. An independent audit of our environmental management commitments will also be undertaken during this time.



If you would like more information, or to receive project updates, you can:

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