Advanced Resource Recovery Facility

1. Receival: Waste is tipped onto the floor where a frontend loader scoops up the waste and drops it onto a conveyor belt.

2. Pre-treatment: Contaminants such as plastic bags, metals and containers are removed to improve the organic content of the waste.

3. Digestion: The remaining waste is ferried into a long industrial composter. The waste spends approximately 24 -72 hours inside the composter, breaking it down into a soil like substance.

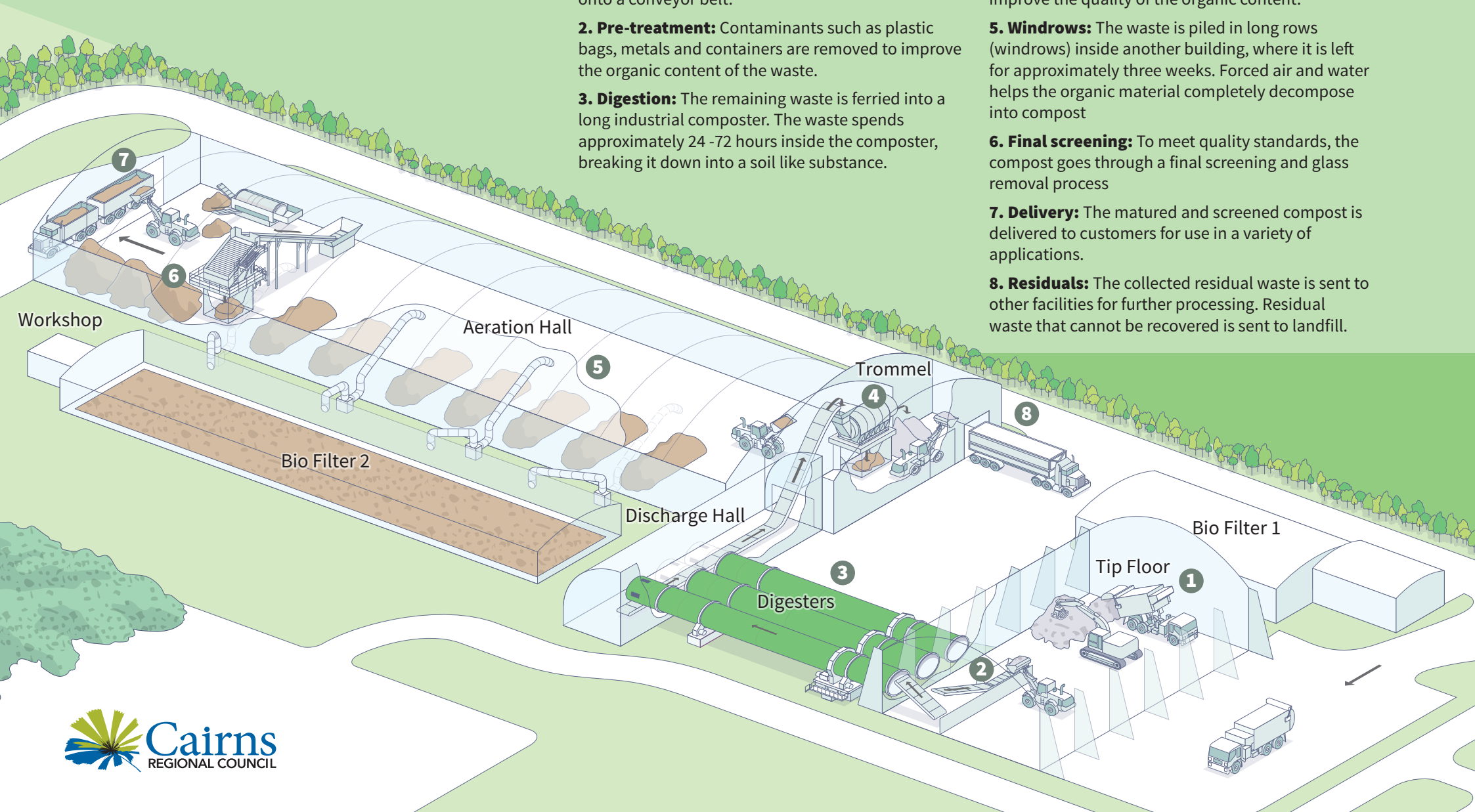
4. Pre-refining: The waste is refined to remove residuals, mainly plastic bags and metals, to improve the quality of the organic content.

5. Windrows: The waste is piled in long rows (windrows) inside another building, where it is left for approximately three weeks. Forced air and water helps the organic material completely decompose into compost

6. Final screening: To meet quality standards, the compost goes through a final screening and glass removal process

7. Delivery: The matured and screened compost is delivered to customers for use in a variety of applications.

8. Residuals: The collected residual waste is sent to other facilities for further processing. Residual waste that cannot be recovered is sent to landfill.



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