

## Theme 1: Planning Waste Infrastructure

### Background

- Council is the main owner and operator of landfill and resource recovery infrastructure across the region.
- Maryborough Landfill is forecast to reach closure capacity after 2030.
- Council needs to identify a suitable site to meet the regions future needs.
- Alternative Waste Treatment technology will be explored.
- Continuing population growth means Council must look at upgrades to facilities.
- Council's aim is that 95% of residents are within a 30-minute drive of a waste facility.

### Strategy Actions

#### 1.1 Develop waste facilities that meet future community demands

- Assess the suitability of Nikenbah Resource Recovery Centre to accommodate future population growth and meet resource recovery needs.
- Develop masterplan for the Nikenbah Resource Recovery Centre site or construct a Resource Recovery Centre to service Hervey Bay Region.
- Determine the best value for money solution to providing a new Resource Recovery Centre to service Hervey Bay Region.
- Develop a masterplan for the Maryborough Resource Recovery Centre.
- Ongoing construction of landfills cells at Maryborough Landfill to meet community demand.
- Maximise the use of existing regional landfills in the region to their final design profile.

#### 1.2 Secure landfill capacity beyond the end of life of the Maryborough landfill

- Identify a site for future landfilling beyond the life of Maryborough Landfill and gain approvals or commercial agreement for disposal.

#### 1.3 Equitable service delivery across the region

- Closure of the Burrum Heads Transfer Station.
- Drive-time analysis of waste facilities (excluding Burrum Heads) to inform decisions on any changes to the waste facility network.
- Community consultation on service standards for waste collection, resource recovery and opening hours at waste transfer facilities.



A Business Unit of  Fraser Coast REGIONAL COUNCIL

### 1.4 Increase resource recovery at waste facilities

- Collaborate with contractors and undertake cost benefit analysis to identify opportunities for improved resource recovery.
- Implement a consistent resource recovery approach across major and minor transfer stations.

### 1.5 Develop final capping and closure construction program for all “non-active” landfills

- Identify post-closure land use for each closed landfill.
- Develop a 10-year final capping and rehabilitation construction program and integrate into the capital delivery program to achieve final capping of all landfills by 2029 (with exception of Maryborough Landfill).
- Collaboration with universities and learning institutions to monitor post- closure landfill performance.

### 1.6 Investigate regional collaboration opportunities for landfill and alternative waste treatment

- Collaboration with WBBROC members to assess suitability and financial viability of a regional landfill located either within or outside the Fraser Coast Region.
- Collaboration with industry, local and state government for the development of Alternative Waste Treatment facilities, subject to the outcome of Action 2.5.

For a full list of actions proposed in Theme 1-Planning Future Waste Infrastructure of the *Fraser Coast Waste Strategy 2019 - 2029* see page 18.



A Business Unit of  Fraser Coast  
REGIONAL COUNCIL