

# Additional Information

## Ordinary Meeting

**Wednesday, 21 September 2022**



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## Related Report / Additional Information Request

<b>Meeting:</b>	<b>Ordinary Meeting</b>	<b>Date:</b>	<b>21 September 2022</b>
<b>Requesting Councillor:</b>	<b>Councillor Suarez Councillor Natoli Mayor Jamieson</b>		
<b>Item:</b>	<b>8.1 – Sunshine Coast Environment and Liveability Strategy Annual Report 2021/22</b>		
<b>Circulation</b>	<b>Monday 19 September 2022</b>		
<b>Officer (title):</b>	<b>Manager Environment and Sustainability Policy</b>	<b>Approving GE (title):</b>	<b>Liveability and Natural Assets</b>

In response to a question raised by Councillor Cr Suarez, Cr Natoli and Mayor Jamieson, please note the following additional information for your consideration.

### Question:

What proportion of the increase in landfill gas emissions is a result of the new modelling vs other factors such as an actual increase in waste?

### Response:

- The updated emissions modelling calculations account for ~48.5% of the increase compared to 2020/21, while a ~9% increase in the amount of waste landfilled contributed ~6.8% of the emissions increase.
- The remainder of the increase can be attributed to an overall reduction in landfill gas flaring/capture rates, resulting from the wet weather conditions (which impacts the amount of methane produced and captured) and temporary operational constraints of the gas capture infrastructure at the Caloundra landfill site.
- Updating emissions modelling over time is standard practice as the scientific understanding of the impact of different greenhouse gases and data capture techniques improve. The updated modelling utilised more accurate waste stream audit data - this was required as the only data available previously to calculate emissions were generic numbers provided by State legislation.
- The Global Warming Potential (warming potency compared to 1 tonne of CO<sub>2</sub>) of methane also recently increased from 25 to 28 and needed to be reflected throughout the model back to when the landfills opened (which impacts the rate of decay and total methane emissions released over time).

### Question:

Does Brisbane City Council (BCC) account for waste emissions in their emissions inventory and to what extent are they actively reducing their carbon emissions.

### Response:

- According to BCCs latest Climate Active Carbon Neutral Emissions Audit Report (FY 20/21), they do account for emissions generated from municipal waste disposed at the Rochedale landfill facility – these were 118,163 tCO<sub>2</sub>e for 20/21 FY (refer page 6 - <https://www.climateactive.org.au/buy-climate-active/certified-members/brisbane-city-council>).



- BCC's total organisational carbon footprint for 2020/21 (the latest year for which data is available) was 520,075 tCO<sub>2</sub>e (SCC's is 222,524 tCO<sub>2</sub>e for 21/22 FY).
- In addition to purchasing carbon offsets to maintain their carbon neutrality, some of the more notable initiatives to reduce their carbon emissions have included:
  - Retrofitted more than 25,000 streetlights with energy efficient (LED) lamps
  - Installed more than 2 megawatts of roof top solar at Council facilities
  - Rapid deployment of fleet EVs
  - Diverting organic waste from landfill through a dedicated green waste collection service, a "Love Food Hate Waste" campaign and launch of community composting hubs at 23 locations across the city
  - Utilising recycled asphalt to reduce requirements for bitumen and aggregate in asphalt production
  - Between 2003 to June 2021, have purchased more than 1,070,000 MWh of renewable energy, reducing its greenhouse gas emissions by more than 937,000 tCO<sub>2</sub>e
  - Purchased and cancelled around 3.9 million carbon offsets.

**Question:**

How much land has been purchased through the Environment Levy in the last decade?

**Response:**

The total land acquired through the Environment Levy Land Acquisition Program since 2012 (28/04/2012) is 39 properties totalling 1,519 hectares.

From a council term perspective:

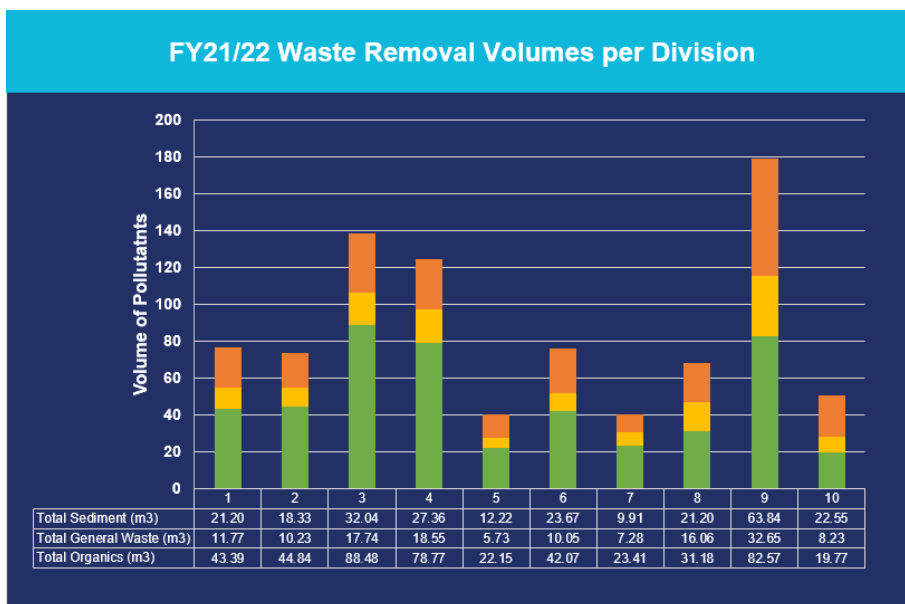
- 2008 – 2012: 648 hectares (18 properties)
- 2012 – 2016: 479 hectares (7 properties)
- 2016 – 2020: 633 hectares (22 properties)
- 2020 – 2024: 407 hectares (10 properties)
- Pre Amalgamation: 1,883 hectares (53 properties)

**Question:**

What percentage of litter makes its way to our waterways?

**Response:**

- The service contract for our Stormwater Quality Improvement Devices (SQIDs) is unable to provide this data.
- However, Figure 1 provides the volume removed from baskets and a breakdown of litter, sediment and organics.



- Number of litter baskets and litter traps: Active on quarterly and monthly service is ~640.
- Number of Gross Pollutant Traps End of line units, vertical grates, basins and trash nets currently active on a quarterly, 6 monthly or annual service schedule is ~420.

**Question:**

Some minor amendments were requested to the annual report, including reference to the master planning progressing for Point Cartwright and LaBalsa Park.

**Response**

These minor amendments will be incorporated into the annual report prior to publishing.





## Related Report / Additional Information Request

<b>Meeting:</b>	<b>Ordinary Meeting</b>	<b>Date:</b>	<b>21 September 2022</b>
<b>Requesting Councillor:</b>	<b>Cr Landsberg</b>		
<b>Item:</b>	<b>8.2 Sunshine Coast Community Strategy Annual Report 2021/22</b>		
<b>Circulation</b>	<b>Monday 19 September 2022</b>		
<b>Officer (title):</b>	<b>Manager Community Development</b>	<b>Approving GE (title):</b>	<b>Greg Lavery Group Executive Economic &amp; Community Development</b>

In response to a question raised by Councillor Landsberg, please note the following additional information for your consideration.

**Question: In relation to the Migrant Learn to Swim and Beach Safe Program, what was the percentage breakdown of people from different cultures participating in this program for 2021/22?**

**Response:**

In 2021/22, two successful blocks of the Migrant Learn to Swim and Beach Safety Program were held with 90 people from a variety of cultural backgrounds participating. A breakdown of participants by country of birth is as follows:

- India – 18%
- China – 18%
- Vietnam – 10%
- Iran – 8%
- Ireland – 6%
- Nepal – 6%
- Egypt – 6%
- South Korea – 4%
- Bulgaria – 4%
- Taiwan – 4%
- Kuwait – 2%
- Bolivia – 2%
- Thailand – 2%
- Myanmar – 2%
- Zambia – 1%
- Venezuela – 1%
- Argentina – 1%
- Sweden – 1%
- Nigeria – 1%
- Ghana – 1%
- Kazakhstan – 1%
- UK – 1%



### Correction of figure Agenda page 27

Please note the following correction on page 27 of the Agenda:

- Delivered more than \$4 million through **875** grants for projects, events and partnerships that align with Community Strategy priorities.











