2020 Proposed State Mattress Recycling Baseline and Goals Workshop

March 9, 2020

Webcast available at: https://www.calrecycle.ca.gov/Broadcast/
Send comments to: mattresses@calrecycle.ca.gov
State Mattress Recycling Baseline and Goals Timeline

2016
MRC’s plan approved and program began

2017
First annual reports submitted

2018
CalRecycle established recycling baseline and goals

2020
CalRecycle reviews and updates recycling baseline and goals including AB 187

2024
CalRecycle will review and update recycling baseline and goals
2018 Baseline and Goal Requirements  
PRC Section 42987.5

CalRecycle required to:

• Establish the state mattress recycling baseline amount and state mattress recycling goals
  • Include renovated mattresses when calculating the state mattress recycling goals
• Consult with the mattress recycling organization
• Consider relevant economic & practical considerations

Mattress recycling organization required to:

• Demonstrate good faith effort to comply (July 1, 2019)
## 2018 State Mattress Baseline and Goals

<table>
<thead>
<tr>
<th></th>
<th>2016 Baseline</th>
<th>2017 Goal</th>
<th>2018 Goal</th>
<th>2019 Goal</th>
<th>2020 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Renovation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renovation goal (units)</td>
<td>150,000</td>
<td>150,000</td>
<td>150,000</td>
<td>150,000</td>
<td>150,000</td>
</tr>
<tr>
<td><strong>Recycling</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Increase annual collection (units)</td>
<td>955,000</td>
<td>1,242,000</td>
<td>1,428,000</td>
<td>1,557,000</td>
<td>1,697,000</td>
</tr>
<tr>
<td>Percent of materials recovered from recycled mattresses</td>
<td>64%</td>
<td>66%</td>
<td>69%</td>
<td>72%</td>
<td>75%</td>
</tr>
</tbody>
</table>
New Requirements for a Mattress Recycling Organization’s Program Established by AB 187

<table>
<thead>
<tr>
<th>Effective July 1, 2020:</th>
<th>Effective January 1, 2022:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer Convenience</td>
<td>Consumer access</td>
</tr>
<tr>
<td></td>
<td>Retailer access</td>
</tr>
<tr>
<td></td>
<td>No-cost freight services</td>
</tr>
</tbody>
</table>
Overview of Proposal

Goals with Baselines:
Statewide Recycling Rate
Statewide Efficiency Rate
Convenient Access to Sites
Number of Collection Sites
Addition Sites in High Population Counties
Retailer Access to Program

Requirements:
Counties with Collection Sites
Events in Low Population Counties
No-Cost Freight Services
Statewide Recycling Rate

Baseline - 81%

Goal - X% annually

Formula:

\[
\frac{\text{recycled + renovated}}{\text{recycled + renovated + disposed}}
\]

Example:

<table>
<thead>
<tr>
<th></th>
<th>2020 Baseline</th>
<th>2021 Goal</th>
<th>2022 Goal</th>
<th>2023 Goal</th>
<th>2024 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recycling Rate</td>
<td>81%</td>
<td>81%</td>
<td>81%</td>
<td>81%</td>
<td>81%</td>
</tr>
</tbody>
</table>
Statewide Recycling Efficiency Rate

Baseline- 65% of materials recycled
Goal- X% annual increases from 65% baseline (e.g., 2%)

Example:

<table>
<thead>
<tr>
<th></th>
<th>2020 Baseline</th>
<th>2021 Goal</th>
<th>2022 Goal</th>
<th>2023 Goal</th>
<th>2024 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficiency Rate</td>
<td>65%</td>
<td>67%</td>
<td>69%</td>
<td>71%</td>
<td>73%</td>
</tr>
</tbody>
</table>
Statewide Renovation

• Renovation is included in recycling goals
• Other factors may impact renovation

Proposal - Remove and do not replace the existing renovation baseline and goal
Convenient Access to Collection Sites
Effective July 1, 2020

**Baseline** - 89.6% of CA residents live within 15 miles of MRC’s collection network

**Goal** - X% annual increases from 89.6% baseline (e.g., 0.2% increases)

Example:

<table>
<thead>
<tr>
<th>Year</th>
<th>2020 Baseline</th>
<th>2021 Goal</th>
<th>2022 Goal</th>
<th>2023 Goal</th>
<th>2024 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to Sites</td>
<td>89.6%</td>
<td>89.8%</td>
<td>90%</td>
<td>90.2%</td>
<td>90.4%</td>
</tr>
</tbody>
</table>
Number of Collection Sites  
Effective July 1, 2020

**Baseline**- 190 permanent collection sites

**Goal**- X number of additional collection sites from 190 site baseline (e.g., 3 sites)

Example:

<table>
<thead>
<tr>
<th># Collection Sites</th>
<th>2020 Baseline</th>
<th>2021 Goal</th>
<th>2022 Goal</th>
<th>2023 Goal</th>
<th>2024 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>190</td>
<td>193</td>
<td>196</td>
<td>199</td>
<td>202</td>
</tr>
</tbody>
</table>
**Counties with Permanent Collection Sites**

PRC Section 42987.5 (a)(1)(D)(i)(l)
Effective January 1, 2022

**Requirement** - One permanent collection site in each county (with the exception of counties with a population less than 2,000 residents).

If unable to establish one permanent site, the mattress recycling organization may fulfill this goal by hosting a minimum of two events per year and/or offer curbside pickup.
Events in Counties with Low Population

PRC Section 42987.5 (a)(1)(D)(i)(l)
Effective January 1, 2022

Requirement - Two events per year in counties with less than 2,000 residents (unless county has a permanent site)
Additional Sites in Areas with High Population
Effective January 1, 2022

Baseline- Requirement not currently effective

Goal- X number of additional permanent collection sites in densely populated areas (e.g., one additional site in areas with a population greater than 100,000)
Urban Retailer Access to the Program
Effective January 1, 2022

Baseline- 50% of retailers in urban counties are located within 15 miles of site

Goal- X% annual increase in access to site (e.g., 0.2%)

Example:

<table>
<thead>
<tr>
<th>Urban Access</th>
<th>2020 Baseline</th>
<th>2022 Goal</th>
<th>2023 Goal</th>
<th>2024 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban Access</td>
<td>50%</td>
<td>50.2%</td>
<td>50.4%</td>
<td>50.6%</td>
</tr>
</tbody>
</table>
Rural Retailer Access to the Program
Effective January 1, 2022

Baseline - 59% of retailers in rural counties are located within 20 miles of site

Goal - X% annual increase in access to site (e.g., 0.1%)

Example:

<table>
<thead>
<tr>
<th>Rural Access</th>
<th>2020 Baseline</th>
<th>2022 Goal</th>
<th>2023 Goal</th>
<th>2024 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rural Access</td>
<td>59%</td>
<td>59.1%</td>
<td>59.2%</td>
<td>59.3%</td>
</tr>
</tbody>
</table>
No-Cost Freight Service
PRC Section 42987.5 (a)(1)(D)(II)
Effective January 1, 2022

Requirement- 100% of entities with 100+ used mattresses have access to no-cost freight services provided by the mattress recycling organization