

## **DRAFT SEAWEED MANAGEMENT MATRIX FOR BEACHES WITHIN THE DEVONPORT-TAKAPUNA LOCAL BOARD AREA**

The deposition of significant volumes of seaweed on Devonport-Takapuna Local Board area beaches, particularly Takapuna and Cheltenham Beaches periodically occurs as a result of extreme storm events that produce strong onshore winds and/or significant wave heights, or following periods of sustained onshore winds. Elevated water levels resulting from king tides and/or storm surge can also transport seaweed onto the upper beach face.

An assessment of the resulting extent of seaweed deposition will be made 3-5 days following the end of an event. This timeframe will allow time for; 1: further seaweed that may initially remain in the water column, to be deposited on the upper beach over the high tides immediately following an event, and, 2: for seaweed to potentially be removed from the upper beach by coastal processes.

In determining whether the extent of resulting seaweed deposition triggers removal, the following scale will be applied:

**5** = extreme = removal

**4** = bad = removal

**3** = moderate = consideration of removal

**2** = minor = no removal

**1** = very little = no removal

The following matrix is applicable annually between labour weekend (late October) and the conclusion of Easter weekend.

***Disclaimer- this draft matrix is a tool to assist Council's Community Facilities Operational Management and Maintenance department in making a call on whether seaweed should/should not be removed from a particular beach. Should a trigger event occur, seaweed will not automatically be removed until such time as appropriate funding has been secured to enable removal and disposal of organic material.***

## MATRIX

Scale of seaweed deposition immediately following event	Triggers consideration of removal	Days elapsed since event complete	Scale of remaining deposition (1 – 5)	Initiate removal
<p>5.</p> 	<p>Yes</p>	<p>3-5</p>	<p>xx</p>	<p>Begin stakeholder consultation with regards to removal.</p>
<p>4.</p> 	<p>Yes</p>	<p>3-5</p>	<p>xx</p>	<p>Begin stakeholder consultation with regards to removal.</p>

<p>3.</p> 	<p>Monitoring</p>	<p>3-5</p>	<p>xx</p>	<p>No further action</p>
<p>2.</p> 	<p>No</p>	<p>n/a-</p>	<p>n/a-</p>	<p>No further action</p>

1.



No

n/a-

n/a-

n/a-