

## DASHBOARD SUMMARY OF MONITORING - Next Generation

Current at : 13/05/2016

### HEADLINE STATUS

All areas below currently GREEN - monitoring shows no effects from dredging - Situation Normal.

	Tuaki	Seagrass	Harbour Turbidity	Offshore Turbidity	Kelp
<b>Consent Condition</b>	2010.195 (13)	2010.195 (13)	2010.195 (4-8)	2010.198 (34)	2010.198 A1 2b(i)
<b>Description of Monitoring</b>	Selected areas of harbour surveyed as part of baseline harbour survey. 3yrlly repeat survey.	Quarterly (ie seasonal) Surveys 4 sites within the harbour & control site in Papanui Inlet as well as aerial photogtaphy. Assessing change.	Continuous Monitoring of 7 sites within the harbour. Trigger Levels differ for the various sites.	Continuous Monitoring at Buoys A & B offshore during disposal. Measured against the Environmental Turbidity Limit (ETL).	Quarterly dive surveys at 8 sites between Warrington & Shag Point. 6 weekly download of light data from same sites and two onshore sites. Aerial Photographs.
<b>Red Light (Danger)</b>		Survey indicates change due to dredging & adaptive management of dredging necessary or in place.	One or more sites with exceedance of Environmental Limit(s) due to dredging works & adaptive management of dredging necessary or in place.	Monitoring showing difference between A & B exceeds ETL (108mg/L) and is attributable to disposal. Adaptive management and possible cessation of silt disposal.	Survey & investigations show change attributable to disposal activity. Adaptive management and possible cessation of silt disposal.
<b>Orange Light (Warning / Beware)</b>	Possible future widening could affect intertidal area, assess & survey areas potentially affected. Change detected as part of survey, adaptive management of dredging possibly required.	Survey indicates unknown change or change outside normal seasonal variation. More work or investigation required.	One or more sites showing exceedance of trigger levels and possibly attributable to dredging. More work or investigation required, some adaptive management of dredging works.	Monitoring showing difference between A & B is greater than trigger level (75% ETL), investigation required, some adaptive management of dredging works.	Survey indicates unknown change or change outside normal seasonal variation. More work or investigation required.
<b>Green Light (Situation Normal)</b>	No widening of channel areas as part of current works.	Survey shows changes associated with normal seasonal variation, no change attributable to dredging	Monitoring showing natural variation due to weather events (wind/waves/rainfall) and/or fouling or maintenance req'd.	Monitoring showing expected natural variation.	Survey shows changes associated with normal seasonal variation, no change attributable to dredging

### NOTES

- 1) The shaded colour in the main body of the table shows the "**Current Status**" at this date for each element.
- 2) This dashboard is updated on a regular basis as the most recent monitoring information is received.
- 3) Monitoring reports and more detailed information, as well as the EMP are available at [www.nextgenerationportotago.co.nz](http://www.nextgenerationportotago.co.nz)