

Corrections to the s42 report of Mr Brown:

60. Table 11 shows an assessment for Makakahi at downstream of the Eketahuna WWTP discharge against the One Plan targets for SIN, DRP, and ammonia.

Table 11: An assessment of the Makakahi at downstream of the Eketahuna WWTP discharge against the One Plan targets. All analysis using annual averages but no adjustment made for flow above the 20th FEP. Red non-complies with the One Plan target, Green complies with the One Plan target.

	SIN (g/m³)	DRP (g/m³)	Ammonia (g/m³)
2012	0.453	0.0068	0.016
2013	0.449	0.0086	0.019
2014	0.455	0.0075	0.012
2015	0.468	0.0090	0.0088
2016	0.518	0.0103	0.0192

61. The data showing that the Makakahi at downstream of the Eketahuna WWTP discharge doesn't meet the One Plan targets for SIN, and for 1 out of 5 years for DRP, but does meet it for ammonia and four out of five years for DRP.

62. Table 12 shows an assessment for Ngatahaka upstream of the Makakahi confluence against the One Plan targets for SIN, DRP, and ammonia.

Table 12: An assessment of the Ngatahaka upstream of the Makakahi confluence against the One Plan targets. All analysis using annual averages but no adjustment made for flow above the 20th FEP. Red non-complies with the One Plan target, Green complies with the One Plan target.

	SIN (g/m³)	DRP (g/m³)	Ammonia(g/m³)
2012	0.850	0.0082	0.0123
2013	0.776	0.0079	0.0299

2014	0.973	0.0084	0.0221
2015	0.946	0.0091	0.0079
2016	0.966	0.0114	0.0104

63. The data showing that the Ngatahaka at upstream Makakahi confluence doesn't meet the One Plan targets for SIN, and for 1 out of 5 years for DRP, but does meet it for ammonia and four out of five years for DRP.

One Plan targets:

DRP = The annual average concentration of dissolved reactive phosphorus (DRP) when the river flow is at or below the 20th flow exceedance percentile must not exceed 0.010 grams per cubic metre, unless natural levels already exceed this target.

SIN = The annual average concentration of soluble inorganic nitrogen (SIN) when the river flow is at or below the 20th flow exceedance percentile must not exceed 0.444 grams per cubic metre, unless natural levels already exceed this target.