

# Report on Compliance with the Drinking-water Standards for New Zealand 2005 (revised 2008) and duties under Health Act 1956

For Period: **1<sup>st</sup> July 2015 – 31<sup>st</sup> June  
2016**

**Drinking Water Supply:**

**Harbour Town HAR005**

**Water Supplier:**

**Seaview Council**

Drinking Water Assessment Unit  
**PO Box, Somewhere**

Report Identifier  
**HarbourTownHAR005\_DWSNZ2005/08Compliance\_270916\_v1**

## Terminology

Non-Compliance = Areas where the drinking water supply does not comply with the DWSNZ

## Treatment Plants

Bacterial compliance is under section 4 of the DWSNZ2005/08

Protozoal compliance is under section 5 of the DWSNZ2005/08

Cyanotoxin compliance is under section 7 of the DWSNZ2005/08

Chemical compliance is under section 8 of the DWSNZ2005/08

Radiological compliance is under section 9 of the DWSNZ2005/08

## Treatment Plant: Bacterial compliance

### Summary of E.coli sampling results

Plant name	Number of samples required	Number of samples collected	Number of transgressions	Compliance
Harbour Town (TP1234)	12 (4)	8	0	Complied
New Harbour (TP5678)	12(4)	11	0	Complied

### Summary of compliance with sampling / analytical / remedial / operational requirements

Both the Harbour Town plant (TP1234) and New Harbour plant (TP5678) achieved bacterial compliance.

## Treatment Plant: Protozoa compliance

Plant Name	Protozoal Risk Category	Log Credit/Microbial treatment requirements
Harbour Town (TP1234)	Secure groundwater	NA
New Harbour (TP5678)	Secure groundwater	NA

### Summary of Compliance with Risk Categorisation process

Harbour Town (TP1234) and New Harbour (TP5678) met protozoa compliance but note that security was established in 2011 and the 5 yearly re-assessment of the residency time and reviewing the bore head protection is now due and should be completed before the end of the compliance period (June 2017).

## Treatment Plant: Cyanotoxin Compliance

Currently none of the treatment plants in this report are served by sources which are considered to be at risk of algal blooms developing. Therefore all treatment plants comply with this section of the DWSNZ2005/08.

## Treatment Plant: Chemical compliance

The treatment plants have no chemicals of concern which are required to be monitored and therefore all plants meet chemical compliance.

### **Treatment Plant: Radiological compliance**

Not applicable to supplies other than groundwater.

### **Distribution Zones**

Distribution zone bacterial compliance is under section 4.4 of the DWSNZ2005/08

Cyanotoxin compliance is under section 7 of the DWSNZ2005/08

Chemical compliance is under section 8 of the DWSNZ2005/08

The following compliance information is derived from WINZ 6.

### **Distribution Zone: Bacterial compliance**

#### Summary of E.coli sampling results

Distribution zone name	Number of samples required	Number of samples collected	Number of transgressions	Compliance
Harbour Town (HAR005HA)	64	78	1	Complied
New Harbour (HAR005NE)	52	52	0	Complied

#### Summary of compliance with general sampling / analytical / remedial action requirements

The required number of samples (16 and 13 per quarter respectively) were taken. Harbour Town had one transgression but this was an allowable exceedance (Table A1.4) to still allow full bacterial compliance. Requirements concerning days of the week, sampling sites and analytical method were met. Follow up actions taken during the Harbour Town transgression were satisfactory.

### **Distribution Zone: Cyanotoxin Compliance**

Not applicable to any of the distribution zones at Harbour Town.

### **Distribution Zone: Chemical compliance**

There are no Priority 2 (P2) determinands assigned to the zones within Harbour Town, therefore full chemical compliance is met.

### **Summary of Audit Activities to Verify DWSNZ Monitoring Data**

All sample results from the sampling contractor were reviewed. It is noted that the sampling contractor report on the contents of the laboratory results rather than forwarding the laboratory results directly to the Council. The water supplier should request to receive the laboratory results directly.

### **Summary of DWSNZ Compliance**

#### Treatment Plants

Full compliance with the Drinking Water Standards for New Zealand 2005/2008 was achieved for the following treatment plants: Harbour Town (TP1234) and New Harbour (TP5678).

#### Distribution zones

Both distribution zones: Harbour Town (HAR005HA) and New Harbour (HAR005NE) met full compliance with the Drinking Water Standards for New Zealand 2005/2008.

### **Assessment of Compliance with Duties of drinking-water suppliers under the Act**

The duties of the water supplier under the Health Act have all been fully met.

Section 69S – Duty of suppliers in relation to the provision of drinking water	Met for all supplies
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This decision is based on the following – Information provided in the Water Safety Plan.

Section 69U – Duty to take reasonable steps to contribute to protection of source of drinking water	Met for all supplies
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This decision is based on the following – All sources are on sites owned by the water supplier and the supplier is working with land owners as described in the WSP.

Section 69ZD – Duty to keep records and make them available	Met for all supplies
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This decision is based on the following – availability of records when requested.

Section 69ZE – Duty to investigate complaints	Met for all supplies
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This decision is based on the following – description in WSP (will be audited when implementation undertaken this year).

The results in this report relate only to the compliance of the above listed treatment plants and distribution zones.

Please be aware that under the Health (Drinking Water) Amendment Act 2007, this supply falls into the category of a medium drinking water supply. Therefore the legal requirement to take all practicable steps to comply with the Drinking Water Standards applied from 1 July 2013. As Harbour Town has an approved WSP (approved June 2013) the supplier is considered to be 'taking all practicable steps' to comply with the Health Act.

Information in this report may be provided to the Ministry of Health at their request. With the exception of the Ministry of Health, this report shall not be reproduced without the approval of the Drinking Water Assessment Unit and Harbour Town.

Completed 27<sup>th</sup> September 2016.

*J Parsons*

Jack Parsons  
Drinking Water Assessor  
South Island Drinking Water Assessment Unit (Christchurch)

## Assessment Report Information

<b>Report identifier</b>	HarbourTownHAR005_DWSNZ2005/08Compliance_270916_v1
<b>Drinking Water Assessment Unit (Inspection Body)</b>	DWAU PO Box Somewhere
<b>Drinking Water Assessor</b>	Jack Parsons
<b>Assessment Date</b>	27/9/16
<b>Description of assessment work</b>	Assessment of Compliance with Drinking Water Standards for New Zealand 2005 for sources: Harbour Town wells S1234 and New Harbour wells S5678. Treatment plants: Harbour Town (TP1234) and New Harbour (TP5678) Distribution zones: Harbour Town (HAR005HA) and New Harbour (HAR005NE)
<b>Equipment Used</b>	Water Information New Zealand (WINZ) versions 6 was used to review compliance data.
<b>Water Supply Owner / Person Responsible</b>	Seaview Council
<b>Assessment method</b>	Standard assessment as per Scope 1A Procedure Drinking Water Standards for New Zealand 2005(revised 2008)
<b>Documents and Information</b>	Drinking Water Standards for New Zealand 2005(revised2008) Part 2A Health Act 1956 Completed Drinking-water Quality Survey received 1/7/2016 And associated results sent by Food and Health Stds Ltd
<b>Site of Assessment</b>	DWAU offices
<b>Omissions from proposed assessment</b>	Nil
<b>Sub-contracted work</b>	Nil
<b>Document checked by:</b>	John Smith Drinking water Assessor 28/9/16
<b>Release of report authorised by:</b>	Jack Parsons IANZ Accredited Drinking Water Assessor Signature: <i>J Parsons</i> Date: 29/9/16

If you do not agree with the findings of this report a written appeal must be lodged with the Technical Manager SIDWAU, PO box 1475, Christchurch within 2 months of receipt of this report. The Technical Manager will arrange for a review to be undertaken using the Ministry of Health appeals procedure.