

# Consent Compliance Audit Report

**File No:** 60 56 12A

**Site:** Tokanui Hospital: Te Mawhai Rd

**Period of Assessment:** 1 January 2012 to 31 December 2012

## 1 INTRODUCTION

This report examines the level of compliance of Office of Treaty Settlements with the conditions of the resource consents that permit the operation of the Tokanui Hospital site.

The audit covers the period from 1 January 2012 to 31 December 2012.

Office of Treaty Settlements provided six-monthly monitoring reports covering the above period on 11 September 2012 and 18 February 2012. The information contained within those reports and in Waikato Regional Council files has been used to undertake the following assessment.

The January-June monitoring indicates electrical and mechanical faults occurred from late March onward and only data for the first three months of the year could be provided.

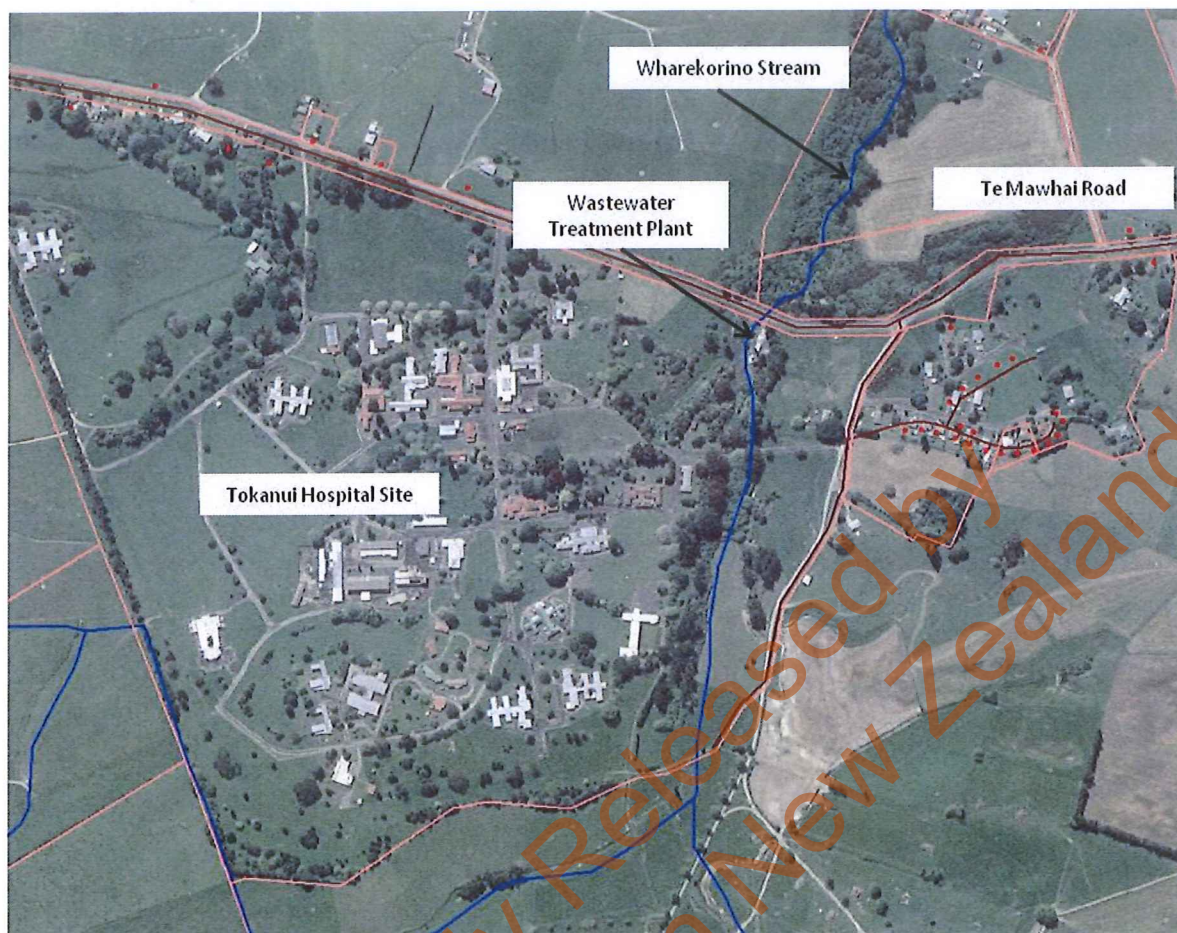
The June-December monitoring report indicates there were serious issues with the flow meter-data logger systems and no flow data is provide for this time period.

## 2 RESOURCE CONSENTS HELD

Waikato Regional Council has details of the following resource consents at this site:

Consent	Status	Purpose	Commenced	Expiry	Finished
102269	Current	Discharge leachate into land in circumstances that may result in contaminants entering groundwater	17/04/2000	10/03/2035	
102270	Current	Divert & discharge stormwater into the Wharekorino Stream	17/04/2000	10/03/2035	
102271	Current	Discharge contaminants to air	17/04/2000	10/03/2035	
102272	Current	Undertake earthworks within 5 metres of the Wharekorino Stream	17/04/2000	10/03/2035	
105617	Expired (Continuing under s.124 provision)	Discharge an average up to 30 cubic metres per day with a maximum of 1000 cubic metres per day of treated effluent from the Tokanui Hospital wastewater treatment plant to the Wharekorino Stream	16/01/2007	22/11/2009	
119864	New application	Discharge an average of 30 cubic metres per day with a maximum of 1000 cubic metres per day of treated effluent from the Tokanui Hospital wastewater treatment plant to the Wharekorino Stream			
971371	Current	Discharge stormwater to the Wharekarino Stream	16/09/1997	1/09/2032	

### 3 SITE DESCRIPTION



### 4 PREVIOUS COMPLIANCE HISTORY

Compliance Period	Compliance Rating
2011-2012	High level of compliance
2010-2011	Partial compliance
2009-2010	Not Assessed
2008-2009	Partial compliance
2007-2008	High level of compliance
2006-2007	Partial Compliance
2005-2006	Partial Compliance
2004-2005	Partial Compliance
2003-2004	Not Assessed
2002-2003	Not assessed
2001-2002	Not assessed

#### 4.1 Actions taken by consent holder to resolve non-compliance

The consent holder has lodged a replacement consent application in May 2009 and therefore the site currently operates under s124 of the RMA.

### 5 COMPLIANCE ASSESSMENT

The following compliance assessment has been carried out on the Tokanui Hospital site for the 1 January 2012 to 31 December 2012 period. Please note that a description of the classification system used to describe compliance status is given in Appendix 1 of this report.

No site visit was undertaken this monitoring year.



## 5.1 Consent 102269: Discharge to land (Landfill leachate)

<b>Purpose:</b>	Discharge leachate into land in circumstances that may result in contaminants entering groundwater
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Condition No.	Description
1	Except as specifically provided by subsequent conditions of this consent and subject to complying with the other conditions of this consent, the activity authorised shall be undertaken in general accordance with the application for this resource consent and the documentation provided in support of the application. This includes the document entitled "Tokanui Hospital Landfill Closure, Assessment of Environmental Effects" dated April 1999 and prepared by Worley Consultants Ltd.
<b>Evidence:</b>	Changes made to the landfill construction since the provision of the AEE were provided for by the consent and have been approved by council.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
2	The consent holder shall inform the Waipa District Council in writing of the location and size of the closed landfill within one month of the granting of this consent.
<b>Evidence:</b>	A copy of the relevant letter to Waipa District is on file (Doc. 617577).
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
3	The final cover over the filled areas described as Areas A, C and F shall consist of the following: (a) a 600 millimetre minimum compacted thickness of earth cover with an in-situ permeability of less than or equal to $1 \times 10^{-7}$ metres per second overlain by a 150 millimetre minimum thickness of topsoil or topsoil/compost mix, or (b) a 500 millimetre minimum compacted thickness of earth cover with an in-situ permeability of less than or equal to $1 \times 10^{-7}$ metres per second overlain by a 100mm subsoil layer and a 100 millimetre minimum thickness of topsoil or topsoil/compost mix, or (c) any other cover that is equivalent to option (a) or (b) that is suitable for the end use of the site and approved by the Waikato Regional Council in writing
<b>Evidence:</b>	An alternative capping procedure was proposed and approved by WRC on 6 October 2000. ( <a href="#">EWDOCS n637779 v1 Tokanui Landfill - Comment on Aftercare Plan.DOC</a> )
<b>Assessment:</b>	This condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
4	The final cover over the filled areas described as Areas B, D and E shall consist of at least 300 millimetres of clay/soil material and re-grassing.
<b>Evidence:</b>	An alternative capping procedure was proposed and approved by WRC on 6 October 2000. ( <a href="#">EWDOCS n637779 v1 Tokanui Landfill - Comment on Aftercare Plan.DOC</a> )
<b>Assessment:</b>	This condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
5	The consent holder shall undertake a formal inspection of the surface and capping of the landfill site on at least an annual basis to check for the following: (i) poor pasture establishment; (ii) vegetation die off; (iii) refuse protruding through the cap; (iv) damage to capping materials; (v) differential settlement and ponding; (vi) subsidence or erosion; (vii) leachate springs; (viii) visual surface water quality; and (ix) erosion at or near the Wharekorino Stream bank.  Any defects noticed during the inspection shall be remedied immediately. A report on the inspection, including any remedial actions taken, shall be forwarded to the Waikato Regional Council within two months of each inspection.

<b>Evidence:</b>	The most recent landfill cap inspection on record is from March 2007 <a href="#">EWDOCS_n1158835_v2 Annual Landfill Cap Inspection - January 18 2007.tif</a>	
<b>Assessment:</b>	Annual inspection reports have been outstanding for the period 2008-2013.	
<b>Corrective Actions:</b>	Please ensure landfill inspections are completed.	Low priority non compliance

Condition No.	Description	
6	<p>The consent holder shall prepare an aftercare plan for acceptance in writing by the Waikato Regional Council within 3 months of granting of this consent. This plan shall address:</p> <ul style="list-style-type: none"> <li>(i) responsibilities for aftercare</li> <li>(ii) final contours;</li> <li>(iii) maintenance of capping and revegetation;</li> <li>(iv) ongoing monitoring, including groundwater, surface water and site capping.</li> </ul> <p>Following acceptance of the proposal, the consent holder shall implement the Plan to the satisfaction of the Waikato Regional Council.</p>	
<b>Evidence:</b>	The Aftercare plan was provided and accepted by WRC in November 2000. <a href="#">EWDOCS_n642854_v1 Acknowledge Receipt of Final Aftercare Plan.DOC</a>	
<b>Assessment:</b>	This condition has been met.	
<b>Corrective Actions:</b>		Full compliance

Condition No.	Description	
7 Table	<p>The consent holder shall characterise the quality of the groundwater and the quality of the Wharekorino Stream (upstream and downstream of the landfill) to the satisfaction of the Waikato Regional Council. To this end, the consent holder shall develop a monitoring plan in consultation with the Waikato Regional Council. This plan shall be lodged with the Waikato Regional Council for written approval within three months of the granting of this consent. The plan shall include the following sampling programme as a minimum:</p> <p>See Doc # 600797 for details of table.</p> <p>The consent holder shall undertake the monitoring programme specified in the monitoring plan or any amendment to the plan that has been made in consultation with, and with the written agreement of, the Waikato Regional Council. The consent holder shall forward the results of the monitoring to the Waikato Regional Council within two months of sampling.</p>	
<b>Evidence:</b>	The site operators indicated that samples were regularly taken from the landfill piezometers and the Wharekorino Stream at the same time as the wastewater treatment plant monitoring.	
<b>Assessment:</b>	Monitoring results have not been provided since 2004.	
<b>Corrective Actions:</b>	Undertake the required monitoring and provide results, as requested in last years' audit.	Low priority non compliance

Condition No.	Description	
8	<p>The consent holder shall undertake a biological survey of the Wharekorino Stream during the first summer two years after the completion of the riparian management, required pursuant to condition 10 of this consent, to the satisfaction of the Waikato Regional Council. This survey shall be similar in nature to the survey undertaken by Dr B Coffey on 29 November 1999 that was submitted in support of this consent application.</p>	
<b>Evidence:</b>	The required biological survey was undertaken and reported in 2004 (Doc Ref 968610)	
<b>Assessment:</b>	The condition has been met.	
<b>Corrective Actions:</b>		Full compliance

Condition No.	Description	
9	<p>After two years of monitoring, including at least four sampling rounds and the biological survey required pursuant to condition 8, the consent holder shall prepare a report detailing and analysing the results of all monitoring undertaken at the site. This report shall include proposals for additional remediation works or monitoring requirements that the consent holder considers necessary in light of the monitoring results. This report shall be submitted to the Waikato Regional Council no later than 3 years after the granting of this consent.</p>	
<b>Evidence:</b>	The required reporting was undertaken in 2004 (Doc Ref 968610)	
<b>Assessment:</b>	The condition has been met.	
<b>Corrective Actions:</b>		Full compliance

Condition No.	Description	
10	<p>The consent holder shall develop, implement and maintain a riparian margin along both banks of the Wharekorino Stream. To this end, a riparian plan shall be developed and forwarded to the Waikato Regional Council within three months of the granting of this consent, and shall be to the satisfaction of the Waikato Regional Council.</p> <p>As a minimum the riparian plan shall include:</p>	



	<p>(a) the planting of indigenous plants along the entire length of the Wharekorino Stream where it flows through the landfill site; or</p> <p>(b) the creation of a riparian zone in an alternative location that would provide equal or greater benefit to the Wharekorino Stream than (a) above.</p> <p>The riparian plan shall be implemented as soon as practicable after the consent holder is advised of the acceptability of the plan by the Waikato Regional Council. The consent holder shall ensure that stock are excluded from the riparian zone at all times to preserve the zone's integrity and shall maintain the riparian zone by regular removal of nuisance plant species.</p>	
<b>Evidence:</b>	The riparian planting plan was approved as part of the aftercare plan. The riparian margin planting was in good condition as observed in the site visit.	
<b>Assessment:</b>	The condition has been met.	
<b>Corrective Actions:</b>		Full compliance

Condition No.	Description
11	<p>The Waikato Regional Council may within three months of the receipt of the report submitted pursuant to condition 9 of this consent, serve notice on the consent holder under section 128 of the Resource Management Act 1991, of its intention to review the conditions of this resource consent for the following purposes:</p> <p>(i) to review the effectiveness of the conditions of this resource consent in avoiding or mitigating any adverse effects on the environment from the operation and if considered appropriate by the Waikato Regional Council to avoid, remedy or mitigate such effects by way of further or amended conditions;</p> <p>(ii) if necessary and appropriate, to require the holder of this resource consent to adopt the best practicable option to remove or reduce adverse effects on the environment resulting from the exercise of this consent;</p> <p>(iii) to review the adequacy and necessity of the monitoring undertaken.</p> <p>Costs associated with any review will be borne by the consent holder.</p>
<b>Evidence:</b>	The review clause has not been enacted
<b>Assessment:</b>	
<b>Corrective Actions:</b>	Not assessed

Condition No.	Description
Conditions	This consent is subject to the conditions shown below and the conditions as listed in "Schedule One – General Conditions" attached to this consent.
<b>Evidence:</b>	
<b>Assessment:</b>	
<b>Corrective Actions:</b>	

Overall compliance for consent 102269: High level of compliance

## 5.2 Consent 102270: Discharge to water (landfill diversion)

<b>Purpose:</b>	Divert & discharge stormwater into the Wharekorino Stream
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Overall compliance for consent 102270: Not assessed

## 5.3 Consent 102271: Discharge to air (landfill)

<b>Purpose:</b>	Discharge contaminants to air
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Condition No.	Description
1	<p>Except as specifically provided by subsequent conditions of this consent and subject to complying with the other conditions of this consent, the activity authorised shall be undertaken in general accordance with the application for this resource consent and the documentation provided in support of the application. This includes the document entitled "Tokanui Hospital Landfill Closure, Assessment of Environmental Effects" dated April 1999 and prepared by Worley Consultants Ltd.</p>
<b>Evidence:</b>	Changes made to the landfill construction since the provision of the AEE were provided for by the consent and have been approved by council.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
2	There shall be no odour as a result of the activity authorised by this resource consent that causes an objectionable effect beyond the boundary of the landfill site.

Evidence:	No complaints have been received.	
Assessment:		
Corrective Actions:		Full compliance

Condition No.	Description	
3	<p>Should an emission of odour occur that has an objectionable effect, the consent holder shall provide a written report to the Waikato Regional Council within five days of being notified of such by the Waikato Regional Council. The report shall specify:</p> <p>(i) the cause or likely cause of the event and any factors that influenced its severity;</p> <p>(ii) the nature and timing of any measures implemented by the consent holder to avoid, remedy or mitigate any adverse effects; and</p> <p>(iii) the steps to be taken in future to prevent recurrence of similar events.</p> <p>The consent holder shall take all reasonable and practical steps to eliminate the odour as soon as possible subsequent to being advised of an odour incident.</p>	
Evidence:	No complaints have been received.	
Assessment:		
Corrective Actions:		Full compliance

Condition No.	Description	
Conditions	This consent is subject to the conditions shown below and the conditions as listed in "Schedule One – General Conditions" attached to this consent.	
Evidence:		
Assessment:		
Corrective Actions:		Assessed below

Overall compliance for consent 102271: Full compliance

#### 5.4 Consent 102272: Land - disturbance

Purpose:	Undertake earthworks within 5 metres of the Wharekorino Stream	
Evidence:	I understand the works authorised by this consent are finished.	
Assessment:		
Corrective Actions:		Not assessed

#### 5.5 Consent 105617: Discharge to water (sewage treatment plant)

Purpose:	Discharge an average up to 30 cubic metres per day with a maximum of 1000 cubic metres per day of treated effluent from the Tokanui Hospital wastewater treatment plant to the Wharekorino Stream	
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Condition No.	Description	
1	<p>The discharge of treated wastewater shall be operated and maintained in general accordance with the application and supporting information for this resource consent as provided in the documents "Tokanui Hospital – Consent Application for Treated Sewage Discharge", dated June 2001, by Meritec Limited; subject to the resource consent conditions below, which shall prevail should any inconsistency occur between conditions of the resource consent and the above document.</p>	
Evidence:	There is no reason to consider that that this condition is not being met.	
Assessment:		
Corrective Actions:		Full compliance

Condition No.	Description	
2	<p>The consent holder shall ensure contractors are made aware of the conditions of this resource consent and ensure compliance with those conditions.</p>	
Evidence:	There is no reason to consider that that this condition is not being met.	
Assessment:		
Corrective Actions:		Full compliance

Condition No.	Description	
3	<p>The wastewater treatment plant shall be managed and operated by an appropriately trained operator.</p>	



<b>Evidence:</b>	There is no reason to consider that that this condition is not being met.	
<b>Assessment:</b>		
<b>Corrective Actions:</b>		Full compliance

Condition No.	Description
4	The consent holder shall pay to the Waikato Regional Council any administrative charge fixed in accordance with section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under section 360 of the Resource Management Act.
<b>Evidence:</b>	There is no reason to consider that that this condition is not being met.
<b>Assessment:</b>	
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description								
5	The average daily volume of wastewater discharged shall not exceed 30 cubic metres.								
<b>Evidence:</b>	<p>The only available data for this monitoring year is summarised as follows: January 2012- March 2012: The average daily discharge volumes over this period ranged from 7.26 to 11.06 cubic metres per day and the 30 cubic metre limit was not exceeded. The condition not worded clearly in that it does not specify a timeframe over which the average daily flow volume is to be calculated.</p> <table> <tr> <td>Month</td><td>Average daily volume over each calendar month</td></tr> <tr> <td>January 2011</td><td>11.06 cubic metres per day</td></tr> <tr> <td>February 2011</td><td>8.22 cubic metres per day</td></tr> <tr> <td>March 2011</td><td>7.26 cubic metres per day</td></tr> </table>	Month	Average daily volume over each calendar month	January 2011	11.06 cubic metres per day	February 2011	8.22 cubic metres per day	March 2011	7.26 cubic metres per day
Month	Average daily volume over each calendar month								
January 2011	11.06 cubic metres per day								
February 2011	8.22 cubic metres per day								
March 2011	7.26 cubic metres per day								
<b>Assessment:</b>	The site did not exceed the average daily flow volume in the three month for which data was provided.								
<b>Corrective Actions:</b>	Full compliance cannot be assigned given the lack of data. Low priority non compliance								

Condition No.	Description								
6	The average discharge rate of wastewater shall not exceed 0.5 litres per second.								
<b>Evidence:</b>	<p>The available monitoring data indicated the following: January 2012- March 2012: The average daily discharge rate over this time period ranged from 0.08 to 0.13 litres per second and the maximum of 0.5 litres per second was exceeded on 64 occasions during this period (based on 10 minute recording intervals)</p> <p>As with condition 5 I consider that this condition is worded incorrectly in that it does not specify a timeframe over which the average daily discharge rate is to be calculated.</p> <table> <tr> <td>Month</td><td>Average discharge rate over each calendar month</td></tr> <tr> <td>January 2011</td><td>0.13 litres per second</td></tr> <tr> <td>February 2011</td><td>0.10 litres per second</td></tr> <tr> <td>March 2011</td><td>0.08 litres per second</td></tr> </table>	Month	Average discharge rate over each calendar month	January 2011	0.13 litres per second	February 2011	0.10 litres per second	March 2011	0.08 litres per second
Month	Average discharge rate over each calendar month								
January 2011	0.13 litres per second								
February 2011	0.10 litres per second								
March 2011	0.08 litres per second								
<b>Assessment:</b>	The site exceeded the average discharge rate on a range of occasions within the data provided.								
<b>Corrective Actions:</b>	Please ensure limits are complied with. Low priority non compliance								

Condition No.	Description
7	The maximum volume of wastewater plus stormwater discharged shall not exceed 1,000 cubic metres in any 24 hour period.
<b>Evidence:</b>	Monitoring data provided over the annual monitoring period indicated that the maximum daily volume discharged was 72.3 cubic metres discharged on 8 January 2012.
<b>Assessment:</b>	The maximum volume has not been exceeded.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
8	The maximum discharge rate of wastewater plus stormwater shall not exceed 25 litres per second.

<b>Evidence:</b>	Monitoring data provided indicated that the maximum discharge rate discharged was in the order of 0.84 litres per second.
<b>Assessment:</b>	The limit has not been exceeded.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
9	The consent holder shall ensure that all waste entering, and treated in, the Tokanui Hospital Wastewater Treatment Plant, goes through all stages of treatment available at the plant, except when the Humus tank is being desludged (not more than for a period of 1 hour, three times per week), when effluent may be discharged directly from the trickling filter to the stream.
<b>Evidence:</b>	During my last site visit it was confirmed that the humus tank is desludged twice weekly at present.
<b>Assessment:</b>	The condition is being met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
10	<p>The following limits shall apply to the discharge during the term of this consent:</p> <ul style="list-style-type: none"> <li>(i) Not more than one sample in each preceding ten samples shall exceed 20 grams per cubic metre suspended solids, with a maximum in any one sample being 40 grams per cubic metre.</li> <li>(ii) Not more than one sample in each preceding ten samples shall exceed 20 grams per cubic metre carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), with a maximum in any one sample being 40 grams per cubic metre.</li> <li>(iii) Not more than one sample in each preceding ten samples shall exceed 20 grams per cubic metre of total nitrogen, with a maximum in any one sample being 40 grams per cubic metre.</li> <li>(iv) Not more than one sample in each preceding ten samples shall exceed 10 grams per cubic metre of total ammoniacal nitrogen, with a maximum in any one sample being 15 grams per cubic metre.</li> </ul> <p>Notwithstanding the stated limits, the consent holder shall make all reasonable and practical efforts to ensure that final effluent quality is maximised within the capabilities of the treatment system in operation.</p>
<b>Evidence:</b>	Monitoring results indicate that the treatment plant has met all limits. One sample exceeded the 90%ile limit for total nitrogen however the previous 9 samples were within the limit hence the 90%ile has not been exceeded.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
11	<p>The consent holder shall measure and characterise the quality, quantity and variability of the treated effluent being discharged in accordance with condition 10 of this consent. To this end, the consent holder shall undertake sampling and analysis of the discharge at the point of discharge from the treatment plant as follows:</p> <ul style="list-style-type: none"> <li>(i) daily measurement of the outflow volume;</li> <li>(ii) monthly measurement of a grab sample for suspended solids, five day carbonaceous biochemical oxygen demand, and Escherichia coli</li> <li>(iii) quarterly (every three months) measurement of a grab sample for nitrate, nitrite, total ammoniacal nitrogen, total kjeldahl nitrogen, dissolved reactive phosphorus and total phosphorus.</li> </ul>
<b>Evidence:</b>	All required samples and tests have been completed.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
12	<p>The consent holder shall measure and characterise the effects of the discharge on the quality, and variability of the Wharekorino Stream. To this end, the consent holder shall undertake sampling and analysis of surface water at the following locations:</p> <ul style="list-style-type: none"> <li>(i) The Wharekorino Stream approximately 10 metres upstream of the discharge</li> <li>(ii) The Wharekorino Stream approximately 50 metres downstream of the discharge;</li> </ul> <p>Sampling of the above surface water locations shall be undertaken as follows:</p> <ul style="list-style-type: none"> <li>(iii) monthly measurement of a grab sample for suspended solids, five day carbonaceous biochemical oxygen demand, Escherichia coli; and</li> <li>(iv) quarterly (every three months) measurement of a grab sample for nitrate, nitrite, total ammoniacal nitrogen, total kjeldahl nitrogen, dissolved reactive phosphorus and total</li> </ul>



	phosphorus. The above sampling shall be undertaken on the same day as sampling required for the discharge under condition 11 of this consent.
<b>Evidence:</b>	All required samples and tests have been completed.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
13	The consent holder shall measure and characterise the effects of the discharge on the quality and ecology of the Wharekorino Stream. To this end, the consent holder shall retain a suitably qualified person or persons to undertake an ecological survey and investigation of the Wharekorino Stream to determine its current ecological health, the causes of any degradation of the stream, and shall identify and quantify the effects of the discharge on the stream. The survey shall include an assessment of the flow of the Wharekorino Stream within 100 m of the wastewater treatment plant discharge. The survey shall be undertaken during a period of relatively low flow during the months of January to March 2007.
<b>Evidence:</b>	<a href="#">EWDOCS n1198505 v2 Effects of Tokanui Wastewater Treatment Plant Discharge - RC 105626 &amp; 105617.tif</a> was received on 20 April 2007. The report indicates that there were no significant adverse effects of the wastewater discharge on the macroinvertebrate communities from either discharge point.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
14	The consent holder shall report all the results and findings of the investigation required by condition 13 of this consent to the Waikato Regional Council in writing within three months of the completion of the survey.
<b>Evidence:</b>	This report was received in July 2007, within the 3 month period detailed by the condition.
<b>Assessment:</b>	The condition has been met
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
15	All sample analyses shall be undertaken in accordance with the methods detailed in the "Standard Methods For The Examination Of Water And Waste Water, 1998" 20th edition by A.P.H.A. and A.W.W.A. and W.E.F., or any other method approved in advance by the Waikato Regional Council acting in a technical certification capacity.
<b>Evidence:</b>	There is no reason to consider that that this condition is not being met.
<b>Assessment:</b>	The condition has been met
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
16	Every six months, a monitoring report shall be provided to the Waikato Regional Council. This report shall include all data collected under conditions 11, 12 and 23 of this resource consent and a discussion of any non-compliances or significant trends within that period.
<b>Evidence:</b>	Reports are provided as required at six monthly intervals.
<b>Assessment:</b>	The condition has been met
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
17	Within two years of the commencement of this consent, the consent holder shall present a report to the Waikato Regional Council detailing the effects of the discharge on the quality of the Wharekorino Stream. This report shall be based on at least 18 months sampling of the Wharekorino Stream in accordance with conditions 11 and 12 of this resource consent and shall contained a detailed analysis and interpretation of those results.
<b>Evidence:</b>	I can find no specific report which fulfils this condition, however the annual monitoring reports measure and assess water quality effects in the Wharekorino Stream and the AEE for the replacement consent summarise the required timeframes.
<b>Assessment:</b>	The condition has not specifically been met but the information has been provided.
<b>Corrective Actions:</b>	Not assessed

Condition No.	Description
18	Within two years of the commencement of this consent, the consent holder shall present a report to the Waikato Regional Council detailing the proposals for upgrades to the wastewater treatment plant, and the time frame for these upgrades. These upgrades are to have the objective of improving wastewater quality, minimising effects on the receiving environment, and reducing wet weather flows to the plant. The report shall also document consultation that has been carried out with tangata whenua during the assessment of the



	upgrade options, and record the measures taken to recognise and address tangata whenua interests identified in the consultation.
<b>Evidence:</b>	A report was received on the 26 of March 2009, <a href="#">EWDOCS_n1456277_v1_Opus - Tokanui Wastewater Options Study- Condition 18 Resource Consent 105617 &amp; 105626.pdf</a> . This report discussed a number of possible options for the disposal of the waste water from the site. The letter that accompanied the report outlined that the treatment needs for the area have still not been determined, this is dependent on the Treaty settlement process that is still continuing.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
19	By 1 June and 1 December each year that this resource consent is exercised, the consent holder shall provide the Waikato Regional Council with a written report on the progress with the assessment of upgrade options referred to in condition 18, and any consultation undertaken with relevant iwi or other interest or community groups, since the previous reporting period.
<b>Evidence:</b>	Updates on upgrade options have not been provided however the process regarding the renewal consent has been progressing.
<b>Assessment:</b>	
<b>Corrective Actions:</b>	Not assessed

Condition No.	Description
20	The consent holder shall provide the Waikato Regional Council with a management plan which details the procedures that will be implemented to operate in accordance with the conditions of this resource consent and the procedures that will be put into place to maximise wastewater treatment and minimise wet weather flows and odour production. This plan shall be lodged with the Waikato Regional Council for approval within 4 months of the commencement of this consent, and shall be reviewed and updated annually as a minimum. The plan shall address, but may not be limited to, the following: (i) a description of the entire treatment and disposal system facility and how it is operated; (ii) a description of routine maintenance procedures to be undertaken; (iii) an outline of the methods to be utilised to monitor the treatment plant in an operational sense including: - monitoring of influent waste water - monitoring of treatment performance (iv) procedures for identifying and recording routine maintenance and all repairs that are undertaken; (v) procedures for identifying, reporting and remedying any malfunction or event at the treatment plant that may result in the discharge standards of this resource consent being breached; (vi) contingency measures in place to deal with unusual events; (vii) an appropriate training programme for and supervision of plant operators; (viii) other actions necessary to comply with the requirements of this resource consent.
<b>Evidence:</b>	<a href="#">EWDOCS_n1573546_v1_Management Plan - Tokanui Wastewater Consents.pdf</a> A management plan for the Tokanui Hospital WWTP was provided in October 2009. The management plan has not been updated annually as required by the condition.
<b>Assessment:</b>	The condition has been met in part.
<b>Corrective Actions:</b>	Please update the management plan if changes to operational procedures have been made. Minor technical non compliance

Condition No.	Description
21	The consent holder shall manage the wastewater treatment and discharge in accordance with the management plan referred to in condition 20 of this consent. Any changes to the management plan shall be advised to the Waikato Regional Council in writing after consultation between the consent holder and the Waikato Regional Council.
<b>Evidence:</b>	There is no reason to consider that this condition has not been met.
<b>Assessment:</b>	
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
22	The operation of the wastewater treatment plant shall be carried out in such a way that the potential for odours is kept to a practicable minimum. The activities authorised by this resource consent shall be undertaken in such a manner that they do not produce an objectionable odour at or beyond the outer boundary of the land to which this resource consent relates.  Note: Chapter 6.4 of the proposed Waikato Regional Plan provides guidance on the



	assessment of the effect of odour and dust emissions.
<b>Evidence:</b>	There are no complaints on record.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
23	Should an event occur which results in an objectionable or offensive odour, the consent holder shall provide written information on the odour incident including all of the details required by the complaints register of the site as outlined condition 24 of this consent. This information shall be forwarded to the Waikato Regional Council within 5 days of the complaint being received.
<b>Evidence:</b>	There are no complaints on record.
<b>Assessment:</b>	The condition has been met.
<b>Corrective Actions:</b>	Full compliance

Condition No.	Description
24	The consent holder shall maintain a complaints register for all complaints, including odour, water quality, pest and seepage complaints regarding operations at the site received by the consent holder. The register shall record: (i) the date, time and duration of the event that has resulted in a complaint, (ii) any corrective action undertaken by the consent holder in response to the complaint, including actions taken to prevent similar events in the future. And for odour complaints shall also record: (iii) the location of the complainant when the odour event was detected, (iv) the possible cause of the odour event, (v) the weather conditions and wind direction at the site when the odour event allegedly occurred.
<b>Evidence:</b>	Site staff were unaware of the requirement to maintain a complaints register. They had no recollection of anyone contacting them directly to complain about site operations.
<b>Assessment:</b>	The condition has not been complied with.
<b>Corrective Actions:</b>	Please ensure the complaints register is maintained on site. Minor technical non compliance

Condition No.	Description
25	The register outlined in condition 24 of this consent shall be available to the Waikato Regional Council at all reasonable times and copies of the register shall be forwarded to the Waikato Regional Council by 1 June each year. Complaints received by the consent holder which may infer non-compliance with the conditions of this resource consent shall be forwarded to the Waikato Regional Council within 5 days of the complaint being received.
<b>Evidence:</b>	As discussed above the complaints register is not in existence, however no complaints have been received directly by WRC.
<b>Assessment:</b>	The condition has not been complied with.
<b>Corrective Actions:</b>	Please ensure the condition is met. Minor technical non compliance

Condition No.	Description
26	The Waikato Regional Council may, within the three month period following the eighteen month anniversary of the commencement of this consent, serve notice on the consent holder under section 128 (1) of the Resource Management Act 1991, of its intention to review the conditions of this resource consent for the following purposes: a) To review the effectiveness of the conditions of this resource consent in avoiding or mitigating any adverse effects on surface water quality or ecology from the exercise of this resource consent and if necessary to avoid, remedy or mitigate such effects by way of further or amended conditions; or b) If necessary and appropriate, to require the holder of this resource consent to adopt the best practicable option to remove or reduce adverse effects on surface water quality or ecology due to the discharge; or c) To review the adequacy of and the necessity for monitoring undertaken by the consent holder.
<b>Evidence:</b>	The review clause has not been enacted
<b>Assessment:</b>	
<b>Corrective Actions:</b>	Not assessed

Condition No.	Description
27	Costs associated with any review of the conditions of this resource consent will be recovered

	from the consent holder in accordance with the provisions of section 36 of the Resource Management Act 1991.	
<b>Evidence:</b>		
<b>Assessment:</b>		
<b>Corrective Actions:</b>		Not assessed

Overall compliance for consent 105617: High level of compliance

## 5.6 Consent 971371: Water - Stormwater

<b>Purpose:</b>	Discharge stormwater to the Wharekorino Stream
<b>Evidence:</b>	
<b>Assessment:</b>	
<b>Corrective Actions:</b>	Not assessed

Some conditions are relevant to a number of consents. They are assessed in the following tables:

The following condition relates to consents: 102269, 102270, 102271, 102272		
Schedule 1 (1)	Detailed designs for the proposed final cover and other rehabilitation works shall be forwarded to the Waikato Regional Council for acceptance in writing within three months of the granting of these consents and prior to these works commencing. In particular, designs of the final cap and landform and the quality assurance procedures are required. All works shall be carried out in accordance with the designs as accepted by the Waikato Regional Council as soon as practicable after the consent holder is advised of the acceptability of the designs by the Waikato Regional Council. As built drawings shall be forwarded to the Waikato Regional Council following completion of works and structures	
<b>Evidence:</b>	This condition has been met as described by the Aftercare report.	
<b>Assessment:</b>		
<b>Corrective Actions:</b>		Full compliance

The following condition relates to consents: 102269, 102270, 102271, 102272		
Schedule 1 (2)	All landfill investigations, design, supervision of construction, monitoring and after-care shall be undertaken by suitably qualified personnel experienced in such works, or works of a similar nature, and to the satisfaction of the Waikato Regional Council.	
<b>Evidence:</b>	There is no reason to consider this condition has not been met.	
<b>Assessment:</b>		
<b>Corrective Actions:</b>		Full compliance

The following condition relates to consents: 102269, 102270, 102271, 102272		
Schedule 1 (3)	The Waikato Regional Council may review the conditions of these consents in the event of the transfer of these consents, for the purpose of:  (i) ensuring the adequacy of the consents in terms of protecting the environment, and/or (ii) ensuring that the new consent holder can comply with the intent and specific requirements of the conditions; and/or (iii) reviewing the requirements for a bond.  Costs relating to the above reviews shall be borne by the consent holder.	
<b>Evidence:</b>	The review clause has not been enacted	
<b>Assessment:</b>		
<b>Corrective Actions:</b>		Not assessed

The following condition relates to consents: 102269, 102270, 102271, 102272		
Schedule 1 (4)	The Waikato Regional Council may within the three month period beginning 31 March 2002 and every fifth year thereafter, serve notice on the consent holder under section 128 of the Resource Management Act 1991, of its intention to review the conditions of this resource consent for the following purposes:  (i) to review the effectiveness of the conditions of this resource consent in avoiding or mitigating any adverse effects on the environment from the operation and if considered appropriate by the Waikato Regional Council to avoid, remedy or mitigate such effects by way of further or amended conditions; (ii) if necessary and appropriate, to require the holder of this resource consent to adopt the best practicable option to remove or reduce adverse effects on the environment resulting from the exercise of this consent; (iii) review the monitoring requirements in light of the results obtained from monitoring in	



	preceding years.
	Costs associated with any review will be borne by the consent holder.
<b>Evidence:</b>	The review clause has not been enacted
<b>Assessment:</b>	
<b>Corrective Actions:</b>	Not assessed

Additional general schedule conditions are not considered necessary to assess, they are now generally considered advice notes.

## 6 SUMMARY OF COMPLIANCE

Office of Treaty Settlements has been assessed as having the following level of compliance with the consents associated with the Tokanui Hospital: Tokanui Rd, Tokanui site:

Consent	Purpose	Compliance Status
102269	Discharge leachate into land in circumstances that may result in contaminants entering groundwater	High level of compliance
102270	Divert & discharge stormwater into the Wharekorino Stream	Not assessed
102271	Discharge contaminants to air	Full compliance
102272	Undertake earthworks within 5 metres of the Wharekorino Stream	Finished
105617	Discharge an average up to 30 cubic metres per day with a maximum of 1000 cubic metres per day of treated effluent from the Tokanui Hospital wastewater treatment plant to the Wharekorino Stream	High level of compliance
971371	Discharge stormwater to the Wharekarino Stream	Not assessed
<b>Overall Site Compliance:</b>		<b>High level of compliance</b>

## 7 DISCUSSION AND CONCLUSION

The Tokanui Hospital Wastewater Treatment Plant continues to treat and discharge wastewater of good quality, in accordance with the treated wastewater quality consent conditions. Full compliance cannot be achieved because only very limited flow data was provided across the monitoring period. The lack of data for over nine months of the monitoring year is unacceptable and the flow recording problems need to be urgently rectified.

The required environmental monitoring as part of the landfill consent has not been reported since 2004. I can find no record on file whereby this monitoring was approved for cessation.

## 8 REQUIRED ACTIONS AND RECOMMENDATIONS FOR CONSENT HOLDER

Areas of non compliance are summarised in the following table:

102269 - Discharge to water (Landfill)	
Condition 5	Annual inspection
Condition 7	Environmental monitoring
105617 - Discharge to water (Hospital Sewage Treatment Plant)	
Condition 5	The average volume of wastewater discharged shall not exceed 30 cubic metres in any 24 hour period
Condition 6	The average discharge rate of wastewater shall not exceed 0.5 litres per second
Condition 20	Management Plan
Condition 24	Complaints Register

The consent holder has taken action and is continuing to address areas of non-compliance; however I recommend the required actions identified are specifically addressed, in particular the provision of flow monitoring data is required. Additionally, I recommend that the site remain at priority 3, and is subject to a site inspection and audit in the 2013-14 compliance year to confirm continued improvements to consent compliance.

The consent process to replace the current consent is still underway, I advise Office of Treaty Settlements to progress with the consenting process with urgency to aid in resolving the current situation.

Trisha Simonson  
Senior Resource Officer  
Resource Use Group

Date

Proactively Released by  
Land Information New Zealand



## Appendix 1

### CLASSIFICATION GUIDELINE USED TO ASSESS COMPLIANCE STATUS

#### Compliance status for individual conditions

Compliance Status	Description
Not assessed	<ul style="list-style-type: none"><li>Monitoring of this condition was not undertaken during this monitoring event</li></ul>
High priority non-compliance	<ul style="list-style-type: none"><li>The non-compliance has the potential for, or has resulted in, significant adverse effects on the environment.</li></ul>
Medium priority non-compliance	<ul style="list-style-type: none"><li>There is non compliance with limits or other direct controls on adverse effects; and</li><li>The non-compliance has the potential for, or has resulted in, a greater than minor increase in the level of effects authorised.</li></ul>
Low priority non-compliance	<ul style="list-style-type: none"><li>There is non compliance with limits or other direct controls on adverse effects; and</li><li>The non-compliance has the potential for, or has resulted in, a less than minor increase in the level of effects authorised; and/or</li><li>There has been a significant technical non-compliance such as a failure to collect or supply self monitoring data.</li></ul>
Minor technical non-compliance	<ul style="list-style-type: none"><li>There is non compliance with a condition, or part of a condition, that does not directly control adverse effects; and</li><li>The non-compliance was not significant in the management of effects. For example a short delay in supplying data or meeting a deadline for a report</li></ul>
Full compliance	<ul style="list-style-type: none"><li>The condition has been complied with</li></ul>

#### Compliance status for individual consents and the entire site

Compliance Status	Description
Not assessed	<ul style="list-style-type: none"><li>Monitoring has not been undertaken at this site during the current financial year</li></ul>
Significant non-compliance	<ul style="list-style-type: none"><li>There has been a high priority non-compliance; and/or</li><li>There have been several medium priority non-compliances.</li></ul>
Partial compliance	<ul style="list-style-type: none"><li>There has been a medium priority non-compliance; and/or</li><li>There have been several low priority non-compliances.</li></ul>
High level of compliance	<ul style="list-style-type: none"><li>There has been a low priority non-compliance; and/or</li><li>There have been several minor technical non-compliances.</li></ul>
Full compliance	<ul style="list-style-type: none"><li>All conditions that include limits or other direct controls on adverse effects have been complied with.</li><li>A small number of minor technical non-compliances may have occurred.</li></ul>