

Appendix 1

RESC11-04-05 – Utilities Report – Wastewater Treatment Plants - Compliance with Consent Conditions

WWTP	Compliance	If “no”, What	Why	Remedial Action
Collingwood		Faecal coli forms above the consent limit of 500 cfu/100mls were recorded discharging into Burton Ale Creek on 16 January (1800 cfu/100mls) and 19 January 2011 (700 cfu/100mls).	Considerable rain was recorded on 18 January giving lower retention time in system due to lack of natural UV.	A retest undertaken on 22 February showed full compliance with consent conditions. Continue to monitor during high rainfall events. Note: Council undertakes more testing at this site than is required by the Resource Consent.
		Non UV treated wastewater discharged to receiving environment on 31 January approximately 2m ³ and 17 March 2011 less than 1m ³ into Burton Ale Creek.	Two short UV outages occurred.	The adverse impact on the receiving environment would have been minimal.
Motueka	Yes			
Murchison	Yes			
St Arnaud	No	Inaccurate discharge flow and other field data information.	Upgrades to the telemetry have resulted in issues around receiving correct data on discharge, dissolved oxygen, temperature, pH and rainfall information, from the St Arnaud WWTP.	Downer is in the process of resolving these issues. There is however accurate daily inflow information for the site.
Takaka		Six (6) odour complaints in relation to WWTP mid Jan 2011.	Odour from the WWTP during this period is most likely due to organic overloading of the WWTP due to the increased holiday population experienced in Golden Bay.	There were upgrades done on the inlet area in late February. During the upgrade a build up of pond scum was removed which could have contributed to odour from the pond.
Tapawera	No	High flows approximately 1200m ³ of wastewater discharged from WWTP into the rapid infiltration basins on 14 January. The daily consent limit for discharge from the WWTP is 500m ³ /day.	The operations and maintenance contractor accidentally left the discharge pump system on manual, was discharged from the oxidation pond. The minimum pond level was not breached.	MWH and Downer are investigating why no low level alarms were received, and why the telemetry system did not indicate that the pumps were in manual mode.
WWTP	Compliance	If “no”, What	Why	Remedial Action
		An odour complaint was received from an adjacent land owner on 5 February 2011.	Result of an aerator failure.	The aerator was repaired and recommissioned in the pond on 16 February 2011
Upper Takaka	Yes			