

Te Kopuru Wastewater Queries

4 – Volumetric discharge meter

a) Estimated cost (Capital & Installation) + Operational Cost

The cost of the flow meter was \$2,484.00 purchased from Streat Control in November 2014. The installation costs were \$4,100.48 and work was carried out by Downer NZ Ltd through the Operations & Maintenance Contract 527. Total Capital Cost = \$6,584.48. No operational costs. A data logger will be installed at the flow meter in this current financial year (2015/2016) in order to collect the manual readings – Budget available of \$2,500

b) Funding proposal for (a) above

As per the Council approved Wastewater Capital Works Programme 2014/2015 for Te Kopuru Ref #10 – Mechanism to monitor the discharge volume at the Te Kopuru Oxidation Pond, budget of \$10,000 (see attached project sheet). The last year's (2014/2015) Capital expenditure of \$6,584.48 was funded from this budget.

c) Reference to the technical justification/legislative requirement that makes this compliance required

Under Resource Consent CON20090110201 for the Te Kopuru Wastewater System, condition 1 states *'The quantity of treated wastewater shall not exceed 110 cubic metres per day, based on dry weather flow'* – The meter was purchased and installed to measure the discharge flow, to avoid non-compliance of the resource consent.

d) Who (KDC/NRC) is going to gather this data – How can the community obtain access to this data?

The contractor under our Operations & Maintenance Contract will take manual readings once the data logger is installed and send the data to Council, the community will be able to view this data here in Council, by arrangement from early next year.

e) Is it to measure WWTP influent or effluent flow?

Effluent.

2.10 Project N° WW 10: Mechanism to monitor the discharge volume at the Te Kopuru Oxidation Pond

Project Definition Details Report for Projects in Financial Year 2014/2015

Key Project Information			
Project Name:	Mechanism to monitor the discharge volume at the Te Kopuru Oxidation Pond		
Area:	Te Kopuru	Project Type:	Wastewater
Department:	Water Services	Group:	Operation
GL Code:	H203CPXR	Project Status:	Planning
Project Activity:	Wastewater	LOS/Growth/Renewal:	Renewal
Activity Manager:	Chandra Dissanayake	Project Manager:	Brian Armstrong

Budget Information			
Total Project Cost:	\$10,000	Funding:	2014/15 - \$10,000

Project Definition	
Project Definition/Scope:	Install a flow monitoring device on the discharge pipe at Te Kopuru Waste water Treatment Plant
Project Justification:	To comply with Resource Consent conditions.
Risks of deferring or not proceeding:	Non-compliance with Resource Consent.
Project Priority:	High Priority
Business Case Required:	No