



## Trade Waste Officers Report 2012

**Officer Name:** Mike Sahayam

**Council:** Palmerston North

### **City Background:**

Palmerston North is a thriving, vibrant city with a growing population and buoyant economy.

The lifestyle is easy and the people have opportunities to enjoy a wide range of activities within a safe, caring community and a sustainable environment. The city is sometimes known as the knowledge city as it has numerous educational centres including world class research centres.

PNCC has 2 major wastewater treatment facilities. The major one is in Totara Rd that has a tertiary clarifier that removes phosphate at low river levels. The oxidation Pond is located in Ashhurst that treats wastewater from a small suburb before it is discharged into the Manawatu River.

Since 1<sup>st</sup> of July 2012 as a result of some boundary changes PNCC inherited 2 small suburbs (Longburn and Bunnythorpe). Bunnythorpe effluent is still treated at MDC and Longburn has a small oxidation Pond.

### **Trade waste Background:**

PNCC has 14 large trade waste industries that we monitor for trade waste and they pay approximately \$0.5M in trade waste charges. We have approximately 550 grease traps and 150 interceptors. A regular inspection and monitoring schedule of grease traps and interceptors has reduced FOG and petroleum products entering the networks.

Most of last Year I spent a significant amount of time managing the PNCC landfill gas project. The biogas from landfill reduces our electricity bills at the landfill and WWTP by approximately 50% and also gives us carbon credits.

From 1<sup>st</sup> of July I will be managing the council's water and wastewater consents, laboratory sampling and analysis contract as well as trade waste.

Last year has been a challenging year for us at PNCC with the Manawatu River issues in the public arena. There was no major breach of consent conditions form PNCC.

We have explored on biogas production from the digesters and currently we have some extra gas production as a result of putting dairy waste into the digesters. We will be trialling grease trap waste and piggery waste in the coming months.

Trade waste discharges are manageable most of the time but we do get some random illegal discharges or breach of consent happening.

Waste tracking has been a helpful tool in tracking wastewater coming into the city.

Things that I would like to discuss more at the conference:

- Review of the current Bylaws
- Data management system for Trade waste
- Impact of dairy waste on treatment plants
- Biogas from treatment plants

TEMPLATE