



Modified 120L wheelie bin reactors without insulation. Reactor on far left has a pumping recirculation system.



In side the reactor showing 5mm stainless steel sieve used to restrict gross solids entering the leachate sample tap.



Top of the reactors showing gas sampling ports (blue clips), biogas collection bag and biogas evacuation tap (green tap).



Reactors covered in insulation and heated to 37°C. Leachate is collected via the sample tap to be exchanged with other reactors.



Collected leachate is fed via a tap on the top of the reactor and distributed evenly throughout the system via an irrigation loop.



Gas pumps are used to evacuate the gas collection bags via the green biogas taps to determine biogas volume.