


<p>Company Name and Contact Details:</p>	
<p>Anchor Ethanol Limited General Manager - Peter Motion Peter.motion@fonterra.com Anchor Ethanol web-link +64 9 374 9000</p>	<p>Core Skill(s):</p>
<p>Anchor Ethanol Limited now operates as part of the Fonterra Co-operative Group and has three ethanol plants situated at strategic Dairy sites in the Waikato, Bay of Plenty area.</p>	<ul style="list-style-type: none"> • Fermentation Technology • Distillation Technology • Marketing
<p>Ethanol manufactured from the various sites are both potable and Industrial, with two of the plants having the ability to produce anhydrous ethanol for Industrial and fuel grade markets.</p>	<p>Biofuel Focus:</p>
<p>Historically the disposal of whey has been a world wide issue due to large quantities of whey produced by the manufacture of cheese and protein products. The resulting whey must be disposed of or reprocessed in an environmentally acceptable way. Due to whey having a high chemical oxygen demand (COD) disposal directly into water ways is not allowable. Disposal options for whey/permeate are stock food, lactose powder, ethanol production and spray drying it into whey/permeate powder.</p>	<ul style="list-style-type: none"> • 1st Generation • Ethanol
<p>Technology for processing whey/permeate into ethanol was developed in the 1970's in Europe. Anchor Ethanol Ltd purchased this technology in the late 1970's and has been successfully manufacturing and marketing ethanol since 1979.</p>	<p>Core Product/Activity:</p>
<p>With the global demand for alternative fuels growing dramatically this has opened up new opportunities for Anchor Ethanol Limited to market our Anhydrous grade ethanol for Biofuel.</p>	<ul style="list-style-type: none"> • Ethanol from Dairy Whey
	<p>Key Project Activities:</p>
	<p>n/a</p>
	<p>Leading Edge:</p>
	<p><i>Whey fermentation – an opportunity to further process a waste material into ethanol.</i></p>
	<p>Investment Base:</p>
	<ul style="list-style-type: none"> • New Zealand
	<p>Employees:</p>
	<ul style="list-style-type: none"> • Skilled (Degree level) • Skilled
	<p>Production Capacity</p>
	<p>15 Million Litres produced during the 2008 - 2009 manufacture season.</p>