

## Townsville City Council Wastewater Upgrade Townsville, QLD



Main: Baulderstone's with 600DN Sewer Ductile Iron Pipe.  
Top: Vinidex & Baulderstone staff with PE pipe and Vinidex Supermain® PVC-O.  
Top: 2nd Construction of pipe system.  
Bottom: Vinidex polyethylene pipe.

September 2009 saw the start of construction on one of the biggest regional water and wastewater projects in Australia. The \$189M Townsville Wastewater Upgrade Program, with the major works being delivered by Baulderstone Queensland, includes a new pipe product design previously unavailable in Australia.

This vital capital works project required 20 km of pipeline that was supplied by Vinidex. The AS2280 ductile iron pipe ranged from DN300 right through to DN750 and made up more than two thirds of the total pipeline for the project. The new sewerage diversion pipelines will be connected to the upgraded wastewater treatment plant at Mount St John in Townsville, North Queensland.

Vinidex, the sole Australian distributor of the ductile pipe, was the chosen supplier due to its competitive product package which included a significant amount of the materials being manufactured in Townsville.

The ductile pipe introduces new standards in pipe coating technology and corrosion protection.

Apart from the intrinsic qualities of ductile iron, this durability is also attributable to the quality of the exterior coatings, which provide protection against soil aggression and contain self-healing properties. The interior cement lining is also resistant to water or outflow reactivity.

These superior qualities will significantly assist the longevity of the upgraded wastewater treatment plant and reduce the life-cycle costs to the Townsville City Council, the owner of the wastewater treatment plant.

Mayor of Townsville, Les Tyrell, was recently quoted in a local newspaper, "Mt St John is an extremely important project for the city's future and we are replacing the oldest sewerage treatment plant in the city with a state-of-the-art facility on the same site."

Les Tyrell also commented that the new plant will meet much higher environmental standards. Nationally and as a member of the local business community, Vinidex is excited to be part of the team responsible for such an important Townsville capital project bringing better services to the community.

Vinidex is also proud to support local service providers and with such a large local content, help ensure continued employment opportunities in the Townsville area.