



GMK Industrial Development

When GMK Logistics outgrew their existing facility, they partnered with Fordham Industrial Enterprises to structure a new pre-lease on Gregory Hills Corporate Park. Located 59km south-west of Sydney, Gregory Hills is at the epicentre of Sydney's South West Growth Corridor. Offering 2,000sqm to 20,000sqm fully serviced and ready to build lots, the Park is a 30 hectare business and bulky goods retail park.

Early on, asset owner Fordham Industrial Enterprises identified that the originally specified stormwater detention system had inherent safety and design life risks. The risks would have exposed personnel to unnecessary safety compromises, both during construction and during operation. The proposed four barrel steel pipe tank was not designed for truck loading, despite being directly adjacent to a gross pollutant trap that required maintenance by a vacuum truck. It had a 20 year design life.

To avoid these risks, Fordham approached National Precast member Humes to design and supply a robust and trafficable 400,000 litre precast concrete stormwater detention system.

Project Owner

Fordham Industrial Enterprises

Precast Manufacturer

Humes

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Humes

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Humes offered the perfect solution – its StormTrap® system. As a fully trafficable storm water detention system designed for SM1600 traffic loadings, it also provided a 50 year design life.

Had the original steel pipe alternative been adopted, the tank would have required reconstruction twice over the same period, at considerable cost.

The 400,000 litre system consisted of fifty individual modules which were installed in just seven working hours over two days. Backfill of the system was able to commence immediately after installation, with no construction delays.

Fordham Enterprises were extremely happy with the outcome, recognising the value, design life, peace of mind, and safety that a precast concrete solution provided.

According to Glenn Fordham, Director of Fordham Industrial Enterprises “We were particularly impressed... having brought Humes in at the ‘eleventh hour’ for them to be able to initially meet, assess the previous design, offer alternatives, tender, finalise design, gain approvals, manufacture then deliver and us have it installed in under twelve weeks”.

