

Stormwater Detention Tank

Project Location

Jacksons Landing Pyrmont Point, NSW, AUSTRALIA

Project Details

Stormwater Detention Tank for a waterfront redevelopment

Completion
Date

May 2006



Located on the tip of Pyrmont Point, Jacksons Landing is one of Australia's most prestigious waterfront redevelopments promoting contemporary living and a vibrant community atmosphere. The development has extensive landscaping, harbourside promenades and a coveted address on Sydney Harbour - footsteps from the city's finest landmarks.

The Atlantis[®] Titan[®] Tank was installed at Jackson's Landing as part of a storm water detention system where other systems couldn't cope with the existing site conditions. The Atlantis[®] Titan[®] Tank was selected for its ability to resist the high tide influences on the groundwater level and tank footprint flexibility.

The Atlantis[®] Titan[®] Tank is one of the strongest products in the Atlantis product range. The Atlantis[®] Titan[®] Tank was designed 520mm (20.5") deep to provide storage for 72,000L (2500 cu. ft.) in an area subject to vehicle traffic. Storm water from the surrounding development is collected and released through a flow attenuation system over a period of 48 hours. The Atlantis[®] Titan[®] Tank proved to be perfectly suited to tackle difficult project conditions that couldn't be addressed using traditional systems.

Storage Volume: 72,000 L (2500 cu.ft.)



Preparing the base for the Atlantis[®] Titan[®] tank installation



Installing the impermeable liner.



Installing the Atlantis[®] Titan[®] tank on top of the Geotextile fabric.



The tank wrapped in Geotextile and pulling the impermeable liner on top.



Backfilling the tank.

Distributor: Atlantis Water Management

Note: Atlantis® products are manufactured from high quality recycled materials, carefully selected and under strict quality control procedures. The strength could vary slightly due to raw material, country of manufacture, manufacturing process and external conditions.

Safety Factors: Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or Atlantis representative.

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All product designs, and specification are subject to change without further notice. All Atlantis® products are tested in approved NATA laboratories, and safe allowed tolerances should be practised in the actual field, to compensate for any unforeseen situations, on site and on products. All material contained within this brochure is subject to copyright, and belongs to Rebirth Pty Ltd Australia. No part of this brochure may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of Rebirth Pty Ltd, Australia, Atlantis Water Management, Atlantis Corporation Pty Ltd. Copyright © 2009 by Rebirth Pty Ltd, Australia, Atlantis Water Management, Atlantis Corporation Pty Ltd, Australia.

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