



Hamton Property Group

Hamton is an award-winning, innovative property developer based in Melbourne. The company employs 20 professional staff and oversees \$500m worth of current development projects. Hamton's philosophy is to ensure its developments outperform in terms of economic viability, good location, design creativity, environmental sustainability, and cultural and community outcomes.

Challenge

Hamton focuses on quality locations in the inner and middle ring suburbs of Melbourne. Here there are many former industrial sites, some needing remediation to enable their conversion to prime, environmentally sustainable residential development sites. One such site attracted Hamton, where the challenge was to remove chlorinated compounds from contaminated ground water and soil vapour, and to satisfy stringent EPA guidelines for short term remediation and long term maintenance, in a residential setting.

Solution

Working with a leading environmental consultant, The Remediation Group designed a hydraulic containment and chlorinated groundwater treatment system that would:

- Extract the groundwater at the rate approved by the EPA.
- Comply with the water discharge limits in the Trade Waste Agreement from City West Water.
- Comply with vapour discharge limits specified by the EPA.
- Operate during siteworks and residential construction.
- Be reinstalled in a dedicated room after completion of construction.
- Operate quietly within the completed residential development.
- Operate on site indefinitely, reliably and with low maintenance.
- Meet maintenance, energy consumption, budget and other requirements of the Owners Corporation.
- Meet Hamton's budget and other requirements.

Results

The system was approved and, allowing for site access, was constructed on time and on budget in 2007. After 6 months:

- The discharge satisfied the requirements of City West Water and the EPA.
- The environmental auditor certified the project enabling townhouse construction to proceed.
- All residential units had been pre-sold.

Now in 2010:

- The discharge requirements of the EPA and City West Water continue to be met
- All residential units are occupied and the Group works with the Owners' Corporation
- The system is in its final position, operates continuously and will remain in situ indefinitely.

Feedback

"This development would not have proceeded without the long term solution negotiated at length with the EPA. The hydraulic containment system designed and constructed by the Remediation Group is the key practical part of solution which must meet tough environmental standards for many years..."

Matthew Malseed, Director – Townhouse Division, Hamton Property Group



*"We are very pleased with the work
The Remediation Group has done.*

*They think, they are great to work
with, easy to get on with,
they're innovative and they do
things on time.*

*We find them very diligent,
professional and upfront"*

**Matthew Malseed, Director
Townhouse Division,
Hamton Property Group**