



Botany Groundwater Cleanup Project – Progress Update

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15/6/2010

Hydraulic Containment and maintenance

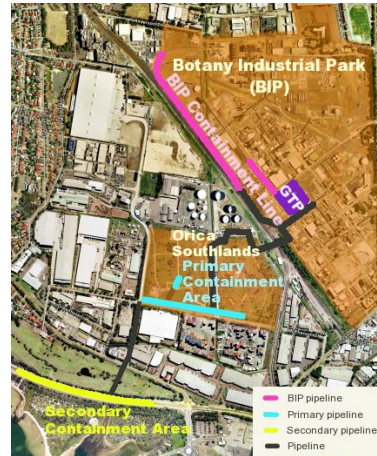
- Hydraulic containment achieved in Secondary Containment Area (SCA), Primary Containment Area and Botany Industrial Park Containment Area
 - Intermediate aquifer eastern end of SCA
 - Eastern SCA: fouling in deep extraction wells caused elevated groundwater levels in intermediate wells
 - Investigations underway
 - Well rehabilitation commencing this week

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Hydraulic Containment and Maintenance

- Maintenance works such as cleaning (pigging) of pipes has occurred this year:
 - Western end of SCA
 - Underbore (underground pipe) from Foreshore Road to Southlands
 - Primary Containment Area (PCA) pipelines
- A pipework replacement program for the PCA at Southlands planned for late 2010/early 2011.
 - Includes replacement of cyclone fencing along McPherson Street



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Chemical Monitoring

Penrhyn Estuary

- Penrhyn Estuary groundwater interface and surface data is consistent with previous monitoring rounds
- Surface water contaminant less than ANZECC Trigger Values

New Monitoring Wells

- New/replacement monitoring wells south of Foreshore Road and on Penrhyn Estuary are currently being installed

Human Health Risk

- Conclusions of Consolidated Human Health Risk Assessment (2005/2006) not changed

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Groundwater Treatment Plant

- Operating well sufficiently treating volume to meet containment requirements
- Membrane Bio-reactor trial progressing
- Groundwater Injection Recovery
 - Stage 2 trial to commence next month



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Voluntary Management Proposal

- Final VMP submitted to DECCW for approval
- August reporting to summarise progress against the VMP



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Foreshore Road Safety Barricades

- Groundwater Cleanup Project is a long term project with regular maintenance works
- Orica is in discussions with RTA regarding long term safe solutions for its maintenance works in SCA
- Keep CLC updated with progress

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