COMMUNITY NEWSLETTER

May 2017

MERCURY REMEDIATION COMPLETE

In January this year we submitted to the NSW Environment Protection Authority (EPA) a Long-Term Site Environmental Management Plan for the site where mercury contamination has been remediated at Botany Industrial Park (BIP). This completes a three year project to construct a purpose-built cut-off wall and vapour barrier to isolate mercury from surrounding groundwater and to prevent mercury vapour emissions. Groundwater monitoring will continue to ensure the project has been effective. The remediated area is now used as the new salt pad for the existing ChlorAlkali Plant (owned and operated by Ixom), as shown in the adjacent photograph.

DO YOU KNOW ABOUT THE BAN ON DOMESTIC BORE WATER USE?

Since 2003 the NSW Government has had a ban on domestic bore water use in a number of different areas in response to groundwater contamination that has occurred from a range of past manufacturing activities. For more information about the groundwater restriction zones in Sydney please contact the NSW Office of Water on 1800 353 104. Orica continues to treat groundwater in the Groundwater Treatment Plant to ensure there are no unacceptable health risks to the community.

COME AND TAKE A LOOK!

We are happy to organise site tours for interested residents and community groups.

Call 1800 025 138 to register your interest.

This newsletter has been prepared by Orica to share information about our remediation projects at Botany and news of our support for local community projects.
The 2017 Botany Groundwater Cleanup Project Strategy Review Workshop was held in February and attended by 25 participants, including four international experts, technical specialists and consultants, and representatives from the EPA.

The key Workshop conclusions were:
- pump and treat remains the most effective way to manage the groundwater contamination;
- there are currently no other cleanup technologies available that warrant further investigation;
- more characterisation of the contamination source areas is required; and
- the fate and transport of contamination in the aquifer needs to be further investigated.

Sixty people attended a Community Forum at the University of New South Wales (UNSW) to hear feedback on the Strategy Review from the groundwater and remediation experts. A film of the event will be made available on our website.

MEET DOMENIC CAPPPELLI, OPERATIONS COORDINATOR

I have worked most of the last 45 years in Melbourne and Sydney for ICI then Orica in manufacturing operations or technical support roles. Over the last 15 years I have worked on legacy projects providing technical and administration support to the project teams. I am currently working on the project to export HCB waste for safe destruction.

The challenges and rewards of this work come from the feeling that we are making the world a better place while satisfying the conditions of the regulators and the company and the expectations of the community. It is a pleasure being on a dedicated team achieving something worthwhile.
### STATUS OF ORICA’S REMEDIATION PROJECTS AT BOTANY

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>STATUS</th>
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<tr>
<td>Botany Groundwater Cleanup</td>
<td>Continuing hydraulic containment and treatment of up to 6 megalitres (ML; million litres) of contaminated groundwater a day.</td>
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<td>Progress statistics as of 31 March 2017:</td>
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<td>– 19,560 ML of groundwater treated</td>
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<td>– 1,355 tonnes of chlorinated hydrocarbons (CHCs) destroyed</td>
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<td>Progress reports are available on <a href="http://www.orica.com/Botany">www.orica.com/Botany</a>.</td>
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<tr>
<td>Stored Hexachlorobenzene (HCB) Waste</td>
<td>135 tonnes safely exported to Finland and treated in early 2017 with approval from Australian and Finnish governments. Further applications to export the waste to Finland are planned. Remaining waste stored safely and repackaged as required.</td>
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In addition, groundwater monitoring is continuing in the areas where remediation works have been completed at the site of the former ChlorAlkali Plant and former Car Park Waste Encapsulation.

### EXPORT SUCCESS

Following approval from the Australian and Finnish governments in late 2016, a shipment of 135 tonnes of HCB waste was safely transported to the Fortum (previously known as Ekokem) plant in Finland earlier this year and the waste has been successfully destroyed. This is a significant milestone in the long-term project to find a safe and environmentally sound solution for the HCB waste. Further applications are planned. Each application is only valid for one year. It is expected to take several years to export the waste.

### SUPPORTING POSITIVE COMMUNITY PROJECTS

Applications in the next round of our community investment program open on 19 June and close on 25 August 2017. The application form and eligibility criteria are available on our website or can be requested by calling our hotline.

NSW National Parks and Wildlife Service (NPWS) was a successful recipient of the Orica Botany Community Investment Program last year, receiving $9,000 for on the job training for the La Perouse Bush Regeneration Team.
WHO IS ORICA?

Orica is the world’s largest provider of commercial explosives and innovative blasting systems to the mining, quarrying, oil and gas, and construction markets, a leading supplier of sodium cyanide for gold extraction, and a specialist provider of ground support services in mining and tunnelling. In the past we also manufactured a wide range of plastics and industrial chemicals, some of which are still manufactured by others at BIP. Orica no longer has any chemical manufacturing activities at the BIP.

For more than 70 years Orica and its predecessor, ICI, had manufacturing operations at BIP. During former operations environmental standards and regulations were not of today’s standards and contamination of soil and groundwater occurred. Orica is committed to safely cleaning up its legacy contamination in consultation with government and the community.

UPCOMING COMMUNITY MEETING

Would you like to know more about Orica’s cleanup projects? Then you may be interested in coming along to the next meeting of the Orica Botany Liaison Committee:

Tuesday 18 July 5.30 – 7.30 pm
Botany Town Hall, Senior Citizens Centre, corner of Botany Road and Edward Street, entrance James Bourke Place (lane way off Edward Street).

If you have suggestions or feedback that you would like shared at a meeting you can contact the Meeting Chair, Ian Colley on 0419 600 722 or ian.colley@makestuffhappen.com.au

FOR MORE INFORMATION

- Orica’s Community Feedback, Enquiries and Complaints Line 1800 025 138
- www.orica.com/Botany
- botany.info@orica.com
- Community Matters
  16-20 Beauchamp Road
  Matraville, 2036
- For enquiries regarding the ban on domestic bore water usage in response to a range of historic past industrial activities contact the NSW Office of Water on 1800 353 104

INTERPRETATION SERVICES AVAILABLE

If you know of someone who would like information about Orica’s remediation projects at Botany in a language other than English, please phone 131 450 to arrange for an interpretation.

Please advise the interpreter to contact the Community Relations Team on 1800 025 138.

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