

## MEETING MINUTES

**Subject:** Orica Botany Groundwater Cleanup (BGC) Project  
Community Liaison Committee (CLC) Meeting No. 43

**Date:** 8 December 2009

**Time:** 1.35 pm - 4.20 pm

**Venue:** Committee Room, Botany Town Hall

### Attendees:

Name	Representative for
Lucy Archer	Orica
Bill Crowe	Orica
Greg Dasey	URS Australia Pty Ltd
Stephen Corish	Orica
Bronwyn Englaro	Randwick City Council
James Fairweather	Orica
Chris Gray*	GEMS Pty Ltd
Julia Gennissen	Botany Environment Watch & Third Ward Rockdale
Susan Hall	Australian Environmental School.com
Matthew Hart	NSW Dept of Environment, Climate Change & Water (DECCW), Contaminated Sites
Nancy Hillier OAM	Botany Environment Watch
Niall Johnston	DECCW, Contaminated Sites
Erika Kano-Hosoyama	Orica
John Kent	CLC Chair
John Lear	Orica
Kevin Jacobs*	Botany Bay & Catchment Alliance (BBACA)
Bob Marr	DECCW, Sydney Industry
Lynda Newnam	Botany Bay Explorers
Warrick O'Brien	City of Botany Bay Council (CoBB)
Lily Roberts-Everett	Orica
Greg Russell	NSW Office of Water (part of DECCW)
Wendy Salkeld	Orica
Christa Sams	Sydney Ports Corporation (SPC)
Brian Shaw*	BBACA
Paul Shepherd	CoBB
James Stening	Orica

\* New attendees

N.B. Two additional new attendees were present at the meeting but did not fill in the attendance list

## 1 WELCOME AND APOLOGIES

The Chair welcomed everyone and noted new attendees (marked \* above). Apologies were noted from the following participants:

Name	Representative for
George Gates	NSW Office of Water
Carla Gannissen	NSW Dept. of Industry and Investment
James Goodwin	DECCW, Sydney Industry
Kate Hughes	Rhodes Community Consultative Committee
Kathy Lloyd	SPC
Graeme Richardson	Orica

P Shepherd announced that he will be retiring from his position at CoBB as of 5 February 2010 and that this would be his last CLC meeting. He noted that his replacement is yet unknown but W O'Brien will continue to attend CLC meetings. P Shepherd said he had enjoyed his involvement in the committee over the years, and the Chair thanked him for his contribution to the committee and wished him good luck.

## 2 MINUTES OF LAST ORDINARY MEETING

It was noted that J Goodwin and G Russell had requested amendments to the minutes from the last ordinary meeting as follows:

- Section 5.1: first paragraph, first sentence: replace the term ‘townswater’ with ‘reticulated water’;
- Section 7.1: second paragraph, second sentence: replace last three words so it will read ‘J Goodwin reported that Orica has the most comprehensive consultation approach of the licensees managed by Sydney Industry that have community groups.’;
- Section 11:
  - Second paragraph, second sentence: divide it into two separate sentences and change to read:
    - *G Russell noted that any link with the BGC Project is unclear because he understood that there are significant differences between the two situations. He said domestic bores are different as residents are not charged for access to groundwater for domestic use.*
  - Second paragraph, second last sentence: replace the term ‘townswater’ with ‘reticulated water’

The minutes were accepted as amended by P Shepherd and seconded by J Gennissen.

### 3 MATTERS ARISING FROM LAST ORDINARY MEETING

W Salkeld reported on actions listed in the September 2009 minutes. It was proposed and agreed to consider updating the current list of ongoing actions. The status of outstanding actions and the agreed approach for each of the ongoing actions are noted below:

Reference	Actions	Status
Mar 09 #4:	Prof Acworth to be asked to provide feedback to the CLC on the results of the assessment of maximising hydraulic containment	Outstanding. As reported in the Briefing Paper, due to the potential for subsidence risk at the Botany Industrial Park (BIP), Orica will not look at maximising hydraulic containment beyond 7 ML/day. Orica will brief Prof Acworth of this outcome. Subsequently, Prof Acworth will be asked to provide his feedback, if any, to the CLC.
Mar 09 #15:	Orica to present results of the 2009 EPL Annual Return relevant to the BGC Project to the CLC. Include as an agenda item for the December CLC meeting.	Completed at Agenda Item 8.
Jun 09 #12	Upload meeting minutes after CLC endorsement onto <a href="http://www.oricabotanytransformation.com">www.oricabotanytransformation.com</a> , commencing with the June 2009 meeting minutes.	Completed. Orica will continue uploading meeting minutes onto the website following CLC endorsement of the minutes.
Sep 09 #1	If Orica does propose to dispose of mercury contaminated waste at the Kemps Creek landfill, it will ask the operators whether they have contact with any local community groups who might be interested in information about the material that Orica intends to send there, and to advise the CLC of the outcome.	Pending. Orica has had initial discussions with SITA Environmental Solutions about using the Kemps Creek landfill to dispose of mercury waste from remediation works at the former ChlorAlkali Plant site. Orica will follow up on this action once the destination landfill is confirmed.
Sep 09 #2	Orica to amend CLC minutes distribution list to include Michael Daley.	Completed. An updated distribution list, which includes Michael Daley, was included with the September 2009 Meeting Minutes.
Sep 09 #3	Orica to provide an update at the December meeting on the various works being conducted at the GTP to increase its operational capacity.	Completed at Agenda Item 8.
Sep 09 #4	Orica to include information on planned works on Foreshore Road in the quarterly column in the St George and Sutherland Shire Leader.	Completed. Update on works was published in the September 2009 column.
Sep 09 #5	Orica to investigate signage options at the SCA with the RTA.	Completed (refer to Section 3.1).

Reference	Actions	Status
Sep 09 #6	Orica to make the offer of translation services available on the Botany Transformation Projects website.	Completed.
Sep 09 #7	Orica to ask Prof Kueper whether the video could be made available as a CD-ROM/DVD for distribution to interested community groups.	Completed. Prof Kueper has given initial permission to distribute his video on a disc (refer to Section 3.2).
Sep 09 #8	CLC members to undertake a web search on other community forums that are addressing groundwater contamination issues and discuss at the December CLC meeting.	Completed (refer to Section 4).
Sep 09 #9	Orica to report back on URS investigation into why elevated groundwater levels were observed in the eastern part of the SCA and CLC to consider whether investigation by the IMC is required.	Pending. As reported in the second dot point under 'Hydraulic Containment' of the <i>Progress Report No. 24 Executive Summary</i> , the investigations were inconclusive. Further investigations will be conducted in the first quarter of 2010.
Sep 09 #10	J Gennissen to ask her constituents whether they would like to be on the newsletter and newspaper column distribution list, and then provide Orica with relevant contact details.	Completed. J Gennissen will continue to act as the distribution point for her constituents.
Sep 09 #11	Orica to aim to distribute the meeting minutes within three weeks of each meeting.	Completed for September 2009 minutes. Orica will continue to aim to meet this timeframe.
Sep 09 #12	Orica to ask Jason Prior about the progress of his research and obtain information on when the survey outcomes will be available.	Pending. J Prior has advised that the results will not be available until early 2010. He will be invited to present his findings at either the March or June 2010 meeting.
Sep 09 #13	W O'Brien to ask a communication expert that he knows to make a presentation to the CLC on the type of communications review that could be done.	Completed. Chris Gray has been invited to the meeting (refer to Section 4.1).
Sep 09 #14	Orica to renew contracts with current Independent Monitoring Committee (IMC) members.	In progress.
Sep 09 #15	CLC members to contact P Shepherd/Chair with any additional suggestions for new members or areas of expertise for the IMC before the December CLC meeting.	Completed. P Shepherd advised that he has not received any feedback.
Sep 09 #16	W O'Brien to advise the CLC of individuals who could potentially provide sustainability expertise to the IMC. The CLC to then consider this feedback.	Complete (refer to Section 5).
Sep 09 #17	Orica to upload the Botany Transformation Projects summary table on <a href="http://oricabotanytransformation.com">oricabotanytransformation.com</a> .	Completed.

Reference	Ongoing Actions	Agreed approach
Jun 06 #11	A brief written report will be prepared by the relevant IMC member and be provided to the CLC on any request by Orica for services by IMC members	Remove from ongoing action list and Orica to include requirement in the Terms of Reference for the IMC.
Dec 07 #2	Orica to report/distribute feedback received via the new Botany Transformation Projects website for the CLC at every CLC meeting	Remove from ongoing action list. Orica already reports and distributes any feedback to the CLC in the Briefing Paper prepared for each meeting.

Reference	Ongoing Actions	Agreed approach
Dec 07 #14	Orica to structure future CLC agendas so that the independent validation audit reports are presented before progress reports are made	Remove from ongoing action list. No independent validation audit for the GTP was required in 2009. Agenda will be structured accordingly in the future when the outcomes of hazard audits and engineering audits are presented.
Dec 07 #17	IMC tasks (actions and outcomes) to be reported regularly in CLC newsletters.	Remove from ongoing action list. This matter is already covered under Item 12 of the Terms of Reference for the CLC.
Dec 07 #18	Orica Community Relations Team (as CLC secretariat) to avoid the use of acronyms in CLC Newsletters	Remove from ongoing action list. This matter is in practice.
Apr 08 #1	Orica to update the GTP Management Flow Chart, as required	Leave this item as an ongoing action.
Jun 08 #18	Advise the Chair of any thoughts on educating others on the CLC process or promoting the CLC	Completed. Discussed at Section 4.
Sep 08 #3	The CLC requested that NSW Office of Water undertake ongoing communication regarding the ban on bore water use by residents within the GEEA	Leave this item as an ongoing action (refer to Section 3.3).
Sep 08 #16	Orica to allocate ten minutes at all future CLC meetings, for updates on Southlands	Remove from ongoing action list as it has become a standard agenda item.
Jun 09 #12	Upload meeting minutes after CLC endorsement onto <a href="http://www.oricabotanytransformation.com">www.oricabotanytransformation.com</a> , commencing with the June 2009 meeting minutes.	Remove from ongoing action list and include it under Item 12 of the Terms of Reference for the CLC.

**Action Dec 09 #1: Orica to update the Terms of Reference for the CLC and for the IMC to include relevant ongoing actions for adoption by the CLC at the March 2010 meeting.**

### 3.1 Foreshore Road Works and Barriers

In response to Action Sep 09 # 5, L Archer reported that Orica has signs on the eastern end of the barriers at the Secondary Containment Area (SCA) and on the temporary barrier fence. The signs note that the works are being conducted for the BGC Project and provide the Community Hotline phone number. She said that Orica meets the Roads and Traffic Authority's signage requirements and, as the Orica works do not affect road access or change the speed limit, Orica does not see a need for additional signage. She added that Orica will provide updates via newspaper columns, as appropriate.

L Newnam noted that she initially raised the request to improve community understanding as there is a general confusion in the area with works also being carried out by SPC. She said that the public is interested in learning about the various works being conducted on Foreshore Road.

P Shepherd raised concerns about the visual impact of the barriers, noting that when the Port expansion works are completed, the area will be landscaped, and the Council would like to see an improvement in the appearance of the Orica barriers as the area serves as an entry point to the City of Botany Bay. He asked whether Orica could use barriers only in the specific sections where works are carried out instead of the entire SCA. S Corish reminded the CLC that due to the nature of the works and the involvement of maintenance vehicles, closing off only parts of the SCA is not feasible. S Corish added that pump replacement works may be conducted at the SCA in 2010 and that the barriers will be required intermittently for ongoing works over the life of the project. He said that Orica is reviewing long-term options for improving the access to the SCA. Aesthetics are a consideration but are secondary to the safety and protection of Orica, its contractors, and the road users. L Newnam emphasised the importance of a plan of management and that long-term aesthetic and education options should be looked at given the timeframe of the BGC Project.

### 3.2 Prof Kueper's Media Clip on 'DNAPL Behaviour'

W Salkeld reported that Prof Keuper's media clip has just been finalised and that it should be available on the Orica website by end of the year. The CLC reiterated the value of making the

video available to the wider community to help others understand the issue and complexity of the BGC Project. J Stening said that he has asked whether Prof Kueper had any intellectual property limitations for a wider distribution and suggested to add any usage limitation notes as required.

**Action Dec 09 #2: Prof Kueper's permission to be sought to make his video available on discs (with appropriate usage limitation labelling) for distribution at the March 2010 CLC meeting.**

### **3.3 NSW Office of Water Update – Ongoing Communication Regarding the Bore Water Ban**

G Russell reported that he had held further discussions with the Licensing Manager at Parramatta regarding options for ongoing communication on the ban on domestic bore water use by residents in the Groundwater Extraction Exclusion Area (or Zone 1 of the Botany Groundwater Management Zones). He said that the agency is looking at a telephone information service as one of the options.

## **4 COMMUNICATION/CONSULTATION MATTERS**

### **4.1 Communication Review Suggestions**

W O'Brien introduced C Gray from GEMS Pty Ltd, an education and communications consultant whom he invited to the meeting to assist the CLC in assessing its communication strategy and ways to maintain effective communications over the length of the project. C Gray provided a brief presentation on his background and experience and suggested steps to develop and deliver education and communications programs. He gave some practical examples including developing a Key Opinion Makers Forum and involvement with the Local Area Study conducted by Year 11 students (refer to attached handout). The following matters were discussed:

- The EPA conducts a regular survey called "Who cares about the environment?" (N Johnston)
- Accessing schools is an important way to communicate locally with future key stakeholders, especially on matters that are long-term, such as the BGC Project (N Johnston)
  - Working with primary school is extremely difficult, as involving the Principals, teachers and parents is a complex task limited by the availability of resources and time (J Gennissen)
  - In communicating environmental messages with young children, it is important to be mindful of the language used and to avoid making them frightened about their future (J Gennissen)
  - It is important to provide/offer as much support as possible to the teachers to effectively involve students in educational programs. Schools tend to be flexible in participating with educational programs if sufficient support is provided (C Gray & B Shaw). Ideas included:
    - Paying travel expenses
    - Providing information/resources that are easy to digest
    - Make personal contact with teachers and offer help
- BGC Project would be a great subject for the Year 11 Local Area Study (C Gray)
- It is important to determine who is the target and what are the objectives of the communication (C Gray & L Newnam)
  - Key opinion makers must be consulted when coming up with target groups and objectives (C Gray)
  - Different means of communication must be used for different target groups (e.g. community, teachers/students, media) (C Gray)
  - The new NSW Premier, the Hon. Kristina Keneally, has a good knowledge of the BGC Project and the local community (J Gennissen)
- It is important to obtain and raise interest in the CLC and BGC Project with the new generation to ensure the dialogue continues for the longevity of the project (L Newnam & P Shepherd)
  - From the state government's perspective, it is important to sustain the CLC for the life of the BGC Project (N Johnston)

- It is difficult to raise the level of interest in the community when remediation works are happening away from people's backyard (J Gennissen)
- It is important to keep in mind that the contamination distribution and concentrations will not change in the short-term. The last few years have seen a lot of activity with construction and commissioning of the GTP, but in coming years ongoing pump and treat will be the focus (L Archer)
- Just because people do not attend CLC meeting does not necessarily imply that people are not interested in the issue.
  - Some people prefer not to attend meetings, and choose to keep up-to-date via other means, such as the website (S Hall & P Shepherd)
  - Others may trust that key community members are involved in the process and are happy to leave them to lead the process (L Archer)
  - The CLC has not been very successful in attracting new regular attendees. This might be due to the overwhelming volume of information (S Hall)
  - Attendance does not necessarily equal concern (L Archer)
- All current CLC publications come from Orica and therefore contain 'Orica's voice' (S Hall)
  - If the CLC were to set up its own educational program, invitations to such programs could come direct from the CLC (C Gray)
  - CLC minutes provide an excellent history of the community's involvement in the project (N Hillier)
  - The CLC could be seen as a network of lots of community committees (N Hillier)
  - The CLC is required by Orica's Notice of Clean Up Action (N Johnston & L Archer)
  - The CLC could consider developing a logo for use in community communications (C Gray)
  - Even if the CLC establishes its own branding it might continue to be serviced by Orica (P Shepherd)
  - Would Orica support an external person to perform independent communications from the CLC? (S Hall)
- It is important to know where the information is coming from, but it is not as important as knowing who the audience is (B Marr)
  - Important to reach an audience who hears or wants to listen (B Marr)
  - Important to understand the community perception of Orica and the BGC Project – outcomes from Jason Prior's research will be a useful guide to the CLC (N Johnson/Chair)
- Could there be a communication person in the IMC to perform CLC communications? (W O'Brien & S Hall)
  - The IMC was set up to provide technical advice to the CLC regarding the GTP (W Salkeld & N Hillier). Although the ToR for the IMC refer to a communications expert, the IMC might not be the appropriate forum (W Salkeld).

After these discussions, the following actions were agreed:

**Action Dec 09 #3: The CLC to invite Jason Prior to present his research findings once available.**

**Action Dec 09 #4: Following Jason Prior's presentation, the CLC to discuss further whether it wants to seek external advice on its communication strategy with the community.**

L Newnam acknowledged the value of having C Gray present and noted that perhaps he could be considered for use by the CLC.

## **4.2 Other Similar Community Forums**

K Hughes forwarded some papers (attached) on other similar community forums at Homebush (Homebush Bay Environment Reference Group) and Rhodes (Rhodes Community Consultative Committee [RCCC]). The Chair reported his experiences at Rhodes and stated that similar to the CLC, there are only about six or seven community members that attend the RCCC meetings on a

regular basis. He said that even with the limited number of regular community representatives, the RCCC was highly successful in making information about the remediation project available to the wider community. He noted that communication for the project is done by the operator (Thiess) and it involves a community hotline, meeting minutes, letter box drops and provision of a website. S Hall asked whether the website has the RCCC name, and the Chair responded that it is managed by Thiess and it has the Thiess logo.

## **5 INDEPENDENT MONITORING COMMITTEE MATTERS**

### **5.1 Quarterly Financial Report**

The Chair tabled the latest IMC financial report and noted that there has not been any change from the previous one.

### **5.2 Suggested Additional Expertise**

The Chair noted that no CLC suggestions had been received for additional IMC expertise at this stage. It was noted that further consideration could be given to someone with sustainability expertise.

## **6 FORMER CHLORALKALI PLANT MERCURY INVESTIGATIONS UPDATE**

J Stening presented an update on the former ChlorAlkali Plant (FCAP) mercury investigations and remediation plans (refer to attached handout).

### **6.1 Soil Excavation and Reinstatement**

B Shaw asked what depth the excavation would be. J Stening replied that it would be 1 to 1.5 m, to the base of the concrete footings. He noted that the concrete excavation trials held in June 2009 revealed that mercury has generally accumulated at the base of the footings, and does not seem to go much further. B Shaw further asked how the soil would be re-compacted following remediation. J Stening noted that reinstatement will be relatively easy as the soil is largely composed of sand. He said that it is likely to be rolled and wetted down but that the details of the remediation works, including reinstatement, will be outlined in the Remediation Action Plan (RAP), which would be started soon.

### **6.2 Environmental Impact Assessment**

L Newnam asked what other environmental impact assessment documentation would be prepared as no environmental assessment document is required. L Archer and J Stening advised that a Human Health and the Environment Risk Assessment has already been completed and that the Remediation Action Plan would further detail the remediation approach and risk mitigation measures. L Archer noted that whilst an Environmental Assessment is not required, Orica still has to comply with the Council Development Control Plan and DECCW remediation guidelines and will document the controls to be implemented.

L Newnam questioned whether environmental sustainability has been considered as part of the proposed remediation works. J Stening responded that the soil washing process is not a high energy consuming process and that water used in the process will be treated and recirculated in the plant.

N Johnston noted that although no environmental assessment will be prepared for the remediation works, the relevant legislation, *Contaminated Land Management Act*, refers to environmentally sustainable development principles. The RAP will be reviewed and validated by a DECCW accredited Site Auditor, who will prepare a Site Audit Report that contains the auditor's recommendations and feedback. The report is to be made publicly available and will be able to be viewed on the DECCW website.

## **7 SOUTHLANDS REMEDIATION & DEVELOPMENT PROPOSAL UPDATE**

L Archer reported that Orica is currently preparing a response to the submissions that were made during the public exhibition of the Environmental Assessment, and that Orica aims to submit that response report to the Department of Planning (DoP) by the end of February 2010. She noted that additional stormwater and traffic modelling is required in response to feedback from the independent experts engaged by the DoP. L Archer also informed the committee that L Newnam has written a letter to the Royal Botanic Gardens suggesting Southlands as potential habitat for the

Grey-Headed Flying Fox. L Archer noted that this is not consistent with Orica's plans for the site and that Orica will respond as such. L Newnam stated that this topic was also discussed at the BIP Community Consultative Committee meeting held 2 December 2009.

## **8 BGC PROJECT PROGRESS UPDATE**

B Crowe, S Corish, J Stening, J Lear and L Archer presented an update on the BGC Project (refer to attached handout). B Crowe informed the CLC that he is now managing all the Botany Transformation Projects while G Richardson focuses on property issues and Southlands. The CLC noted that B Crowe will attend the CLC meetings instead of G Richardson.

### **8.1 Groundwater Treatment**

B Crowe noted the success of the recent annual GTP shutdown, stating that over 700 jobs had been completed over 31 days (and 13,000 man hours) with no incidents. He explained that Orica is achieving containment and plans to treat up around 7 ML/day over the next 2-3 years and that there are no current plans to expand the GTP to treat other water sources.

### **8.2 Potential for Subsidence at BIP**

S Corish advised that recent investigations had identified that extraction beyond 7 ML/day from the containment lines could present a risk of subsidence at the BIP. N Hillier asked whether Orica has looked at subsidence risks in residential areas and whether there is any risk to house foundations. B Crowe said that Orica's groundwater extraction did not present a risk to houses and explained that the potential subsidence risks that had been identified at greater extraction rates only related to the BIP close to the containment line. He also noted that the rate of groundwater extraction in the area is much lower than it had been historically.

S Corish added that when investigating the potential for increased groundwater extraction, Orica's focus was the BIP Containment Line, not the SCA or Primary Containment Area (PCA). He said that draw-down from groundwater pumping occurs close to the containment lines, and not in residential areas. He explained that the work involved a computer model and that actual settlement monitoring had been conducted before and after commencement of GTP operations. Orica installed settlement plates and conducted monitoring in 2005 and 2007, and no settlement was detected. The reports are available on [oricabotanytransformation.com](http://oricabotanytransformation.com).

Orica noted that groundwater has been readily accessible whenever it conducts residential bore monitoring and that seasonal variations only provide minor impacts on draw-down, thus not increasing subsidence risks. N Johnston also noted that other industries in the area, such as Qenos and Amcor, contribute to the area's total groundwater extraction volume. L Newnam stated that it is important for residents to feel confident that there is no subsidence risk from Orica and a reminder of this reassurance should be made in a CLC newsletter.

**Action Dec 09 #5: Results of the maximising hydraulic containment investigations (i.e. subsidence modelling) will be shared in a CLC newsletter with a note reminding residents that Orica's groundwater extraction does not cause subsidence.**

### **8.3 Groundwater Injection & Recovery**

W O'Brien asked whether Orica planned to use a tracer to see how the re-injected groundwater disperses in the aquifer. S Corish responded that a tracer was not going to be used as the injection points are surrounded by monitoring wells and change can be monitored via chemical parameters. He added that Orica has a very detailed, accurate calibrated model of the aquifer.

### **8.4 Bioaugmentation Trials**

J Stening referred members to information in the Briefing Paper regarding the bioaugmentation trials that are planned to be conducted at Southlands over approximately six months in 2010. L Newnam asked whether the Environmental Biotechnology Cooperative Research Centre (EBCRC) is involved. J Steinng explained that the trials are being conducted by the Centre for Marine Bio-Innovation, but Mike Manefield is part of both research groups.

### **8.5 GTP Biological Fouling**

J Lear provided a report on biological fouling in the air strippers and the Stripped Water Treatment Plant. He explained the groundwater treatment process, where biological fouling occurs and steps Orica has taken to manage this, including the use of chloramine.

## **8.6 Environment Protection Licence (EPL) Annual Return**

The CLC noted there had been an improved performance in the 2008-2009 EPL Annual Return compared with last year's results. There were seven non-compliances relating to the BGC Project, which all had relatively minor or non environmental impacts.

## **9 DECCW UPDATE – NIALL JOHNSTON / BOB MARR (DECCW)**

N Johnston and B Marr presented an update on the regulation of BGC Project (refer to attached slides). N Johnston reminded the CLC that DECCW is moving away from Orica's NCUA towards a Voluntary Management Proposal for the BGC Project. It was noted that Orica reported eight non-compliances in the 2008-2009 Annual Return for its EPL, seven of which related to the BGC Project (as outlined in Orica's presentation). P Shepherd asked what the non-compliance was which was unrelated to the BGC Project. L Archer replied that it was related to the ChlorAlkali Plant and it involved a contractor hosing salt residue. The activity had been ceased immediately when noticed by Orica personnel and the salt spill had then been swept up.

## **10 COMMUNITY FEEDBACK**

Given P Shepherd's earlier announcement of his retirement, discussions were held about a possible replacement for his role on the IMC. The importance of a CLC member on the IMC as a community representative was reiterated. P Shepherd said that W O'Brien could replace him in the role, or that someone from the CoBB's Planning Department could take on the role. He noted that CoBB's Planning Department has demonstrated interest in becoming more involved with the CLC. He advised that his replacement at CoBB would mostly likely be recruited externally, which means the new person would have limited knowledge on the CLC and the BGC Project.

N Hillier said she supported W O'Brien as P Shepherd's replacement on the IMC. She expressed her concern that it would be difficult for a new person to come up to speed quickly.

P Shepherd noted that his involvement in the IMC had been to issue tasks and (jointly with the Chair) approve the payment of invoices. He said that the number of IMC tasks had reduced over the years now that the GTP is operating steadily.

The CLC revisited the reasoning for having a CoBB person on the IMC and agreed that this was the way to continue. Given his involvement over recent years and his knowledge of BGC Project, it was agreed to offer the role to W O'Brien. W O'Brien accepted the position as CLC representative on the IMC.

### **Action Dec 09 #6: W O'Brien to take on the role of CLC/community representative on the IMC following P Shepherd's retirement.**

The Chair asked for any other community feedback. N Hillier noted that there are less questions being asked by the CLC at the meetings. She queried whether the committee is doing enough. The Chair noted that with the steady operation of the GTP and ongoing maintenance of hydraulic containment, the BGC Project is coming across fewer issues. He noted the good Annual Return results as an example of the steady operation of the GTP.

N Johnston reflected that, overall, management of remediation projects is improving as the experience of regulators and operators, broadens. He noted that in the past, overseas expertise (e.g. USA Environment Protection Agency) was required to oversee and guide remediation projects, but now Australia has its own expertise in the field along with increased community participation and appropriate regulatory tools to prevent future contamination from happening.

N Hillier asked whether the asbestos found at Hensley Athletics Field has any environmental impact to the groundwater. N Johnston stated that asbestos is more of a public health issue, and does not tend to pose environmental issues.

## **11 OTHER BUSINESS**

### **11.1 2010 Meeting Dates and Planner**

The meeting dates for 2010 were accepted as tabled: 16 March<sup>1</sup>; 15 June; 21 September; and 14 December.

---

<sup>1</sup> After the meeting, the CLC Chair requested that the March meeting date be moved to 9<sup>th</sup> March.

## 11.2 Emailing CLC members

W Salkeld said that due to software changes and for recording purposes it would be beneficial if the CLC would accept receiving emails in a disclosed manner (instead of "bcc"). It was agreed this was acceptable, that Orica should send a final e-mail using undisclosed addresses advising of the change and requesting that members notify Orica whether they did not want their e-mail address to appear in the "to" section of emails. .

**Action Dec 09 #7: Orica to e-mail the CLC advising that future e-mails will be sent with e-mail addresses shown and to ask members to advise whether they do not want their address disclosed.**

## 11.3 Photographs of the CLC

W Salkeld explained that it has been four years since a CLC meeting was photographed professionally and asked the CLC whether a photographer could come at a meeting in 2010 to take some shots for Orica to use in its communications (e.g. newsletters, newspaper columns, website). This was accepted.

**Action Dec 09 #8: Orica to invite a photographer to take photos of a CLC meeting in 2010.**

## 11.4 Orica Outreach Project

W Salkeld announced that Orica is providing funds for several projects at Botany Bay National Park. One project is a flora survey on the south side of Botany Bay and the other is to fund the construction of a coastal walking track from Henry Head through the Cape Banks Aquatic Reserve to join up with access roads in the National Park.

## 12 NEXT MEETING/CLOSE

The meeting closed at 4.20 pm. The date of the next meeting would be confirmed.

---

### Attachments

1. Presentation handout: BGC Project update by Orica
2. Presentation handout: Update on Regulation of Orica Groundwater Contamination by DECCW
3. Presentation handout: Former ChlorAlkali Plant Mercury Investigations Update by Orica
4. Presentation handout: Developing Education and Communication Program by Chris Gray
5. Papers provided in advance by Kate Hughes to be tabled at the meeting in response to Action Sep 09 #8:
  - a. *Community Engagement during the Rhodes Remediation Projects: the Independent Advisor's Perspective*
  - b. *Engaging the Community in Partnerships for Contaminated Site Clean Up: Some Lessons Learned*

## Summary of Outstanding & Ongoing Actions

Meeting and Reference	Actions	Status	Responsibility
Mar 09 #4:	Prof Acworth to be asked to provide feedback to the CLC on the results of the assessment of maximising hydraulic containment	Pending	Chair
Sep 09 #1	If Orica does propose to dispose of waste at the Kemps Creek landfill, it will ask the operators whether they have contact with any local community groups who might be interested in information about the material that Orica intends to send there, and to advise the CLC of the outcome.	Pending	Orica
Sep 09 #9	Orica to report back on URS investigation into why elevated groundwater levels were observed in the eastern part of the SCA and CLC to consider whether investigation by the IMC is required.	Pending	Orica
Sep 09 #14	Orica to renew contracts with current IMC members.	Pending	Orica
Dec 09 #1	Orica to update the Terms of Reference for the CLC and for the IMC to include relevant ongoing actions for adoption by the CLC at the March 2010 meeting.	New	Orica
Dec 09 #2	Prof Kueper's permission to be sought to make his video available on discs (with appropriate usage limitation labelling) for distribution at the March 2010 CLC meeting.	New	Orica
Dec 09 #3	The CLC to invite Jason Prior to present his research findings once available.	New	CLC/Chair
Dec 09 #4	Following Jason Prior's presentation, the CLC to discuss further whether it wants to seek external advice on its communication strategy with the community.	New	CLC
Dec 09 #5	Results of the maximising hydraulic containment investigations (i.e. subsidence modelling) will be shared in a CLC newsletter with a note reminding residents that Orica's groundwater extraction does not cause subsidence.	New	Orica
Dec 09 #6	W O'Brien to take on the role of CLC/community representative on the IMC following P Shepherd's retirement.	New	W O'Brien
Dec 09 #7	Orica to e-mail the CLC advising that future e-mails will be sent with e-mail addresses shown and to ask members to advise whether they do not want their address disclosed.	New	Orica
Dec 09 #8	Orica to invite a photographer to take photos of a CLC meeting in 2010.	New	Orica
	<b>ONGOING ACTIONS</b>		
April 08 #1	Orica to update the GTP Management Flow Chart, as required	Ongoing	Orica
Sept 08 #3	The CLC requested that DWE undertake ongoing communication regarding the ban on bore water use by residents within the GEEA	Ongoing	G Russell (NSW Office of Water)

Distribution of Minutes\*: Attendees and apologies, plus

Name	Representative of
Ms Raelene Oliver	Amcor
Mr Tony Murray	Asciano
Mr John Owen	Banksmeadow Public School
Mr Pat Williams	Botany & Eastern Region Environmental Protection Agency (BEREPA)
Ms Laurel Wolfram	BEREPA
Mr Peter Sangster	Botany Bay & Catchment Alliance
Mr Bernie Clarke	Botany Bay Planning & Protection Council
Mr Glen Brindley	Botany Public School
Mr John Taylor	CCB Rockdale
Mr Erwin Benker	DECCW
Mr David Gathercole	DECCW
Ms Patricia Fabiano	DECCW
Ms Elizabeth Jefferys	EAJ Consultants/resident
Mr John Tullis	Eastlakes Community Group
Dr Kate Hughes	Econeco
Mr Peter Wood	Gazal Corporation Limited
Mr Jason Prior	Institute for Sustainable Futures, UTS
Ms Rebecca Andrews	John Brotchie Nursery School
Mr Andrew Scott	JP Morgan
Mr James Chown	Linfox
Ms Alicia Ferreira	Maritime Container Services
Mr Simon Symeou	Matraville Public School
The Hon. Kristina Keneally, MP	Member for Heffron, NSW Premier, and Minister for Redfern Waterloo
The Hon. Michael Daley, MP	Member for Maroubra, Minister for Police, and Minister for Finance
Mr Adam Capon	NSW Department of Health
Mr Santo Cannata	Southern Eastern Sydney Public Health Unit (SESPHU), NSW Health
Mr Mehmet Dariverenli	SESPHU, NSW Health
Ms Carla Gannasin	NSW Dept. of Industry and Investment
Mr Peter Turnell	NSW Dept of Industry and Investment
Mr Graeme Dunlavié	NSW Maritime Authority
Mr Richard Nevill	NSW Office of Water
Mr Marwan El-Charmy	NSW Office of Water
Mr George Gates	NSW Office of Water
Mr Paul Thomas	OneSteel
Mr Domenic Cappelli	Orica
Mr James Fairweather	Orica
Mr Ross Fraser	Orica
Mr Peter Lucas	Orica
Ms Lily Roberts-Everett	Orica
Ms Michelle Skehan	Orica
Ms Lisa Walters	Orica
Mr Colin Wiley	Orica
Michael Selleck	Orica
Mr Jeff Kitz	Overseas visitor
Ms Marella Hogan	Pagewood Public School
Mr Len Mahony	Resident
Mr Mark and Tony Rohr	Rohr Group – Hynlong P/L
Mr Jasper Childs	RTA
Mr John Tourier	Save Botany Beach