

WorkCover NSW
[Major Hazard Facility Section]

Role: Regulate Orica's operations at Botany by way of the Major Hazard Facility Licence to be granted under the Work Health and Safety (General) Regulation 2011.

NSW Environment Protection Authority (EPA)
[Contaminated Sites Section]

Role: Regulate Orica's performance by way of **Voluntary Management Proposal (VMP)**¹ that the EPA is in agreement with under section 17 of the *Contaminated Land Management Act 1997*. VMP includes ongoing groundwater extraction and treatment and investigations into possible DNAPL² remediation technologies.
Public record: <http://www.epa.nsw.gov.au/clm/publiclist.htm>

GTP OPERATION

Air Emissions & Discharge of Excess Treated Water

EPA
[Sydney Industry Section]

Role: Regulate Orica's performance by way of **Environment Protection Licence No 2148** issued under the *Protection of the Environment Operations Act 1997*.
Public register: <http://www.environment.nsw.gov.au/prpoeoapp/>

OUTPUT

OUTPUT

Reuse of Treated Water

Independent Pricing & Regulatory Tribunal (IPART)
[Water Licensing and Compliance]
&
NSW Health
[Water Unit]

IPART Role: Monitor Orica's performance by way of **Network Operator's Licence** and **Retail Supplier's Licence** under the *Water Industry Competition Act 2006*.
Public register: http://www.ipart.nsw.gov.au/Home/Industries/Water/Private_Sector_Licensing_WICA

NSW Health Role: Participate in development of Water Quality Plan.

Trade Waste Discharge to Sewer

Sydney Water Corporation

Role: Monitor performance against **Trade Waste Service Agreement No 489** (agreement between Sydney Water and Botany Industrial Park) issued under *Sydney Water Act 1994*.
Public register: www.sydneywater.com.au/Oursystemsandoperations/Tradewaste/IndustrialCustomers.cfm#search

OUTPUT



INPUT

RELATED APPROVALS

Human Health Risk Assessment

NSW Health
[South Eastern Sydney Public Health Unit]
&
EPA
[Contaminated Sites Section]

Role: Review **Human Health Risk Assessments** (e.g. HRA conducted for water reuse) and any changes to the conclusions of the **Consolidated Human Health Risk Assessment** (URS, 2005) (Enricks, 2010) made in light of **updated groundwater monitoring data**

Documents :
HRA : www.oricabotanytransformation.com/index.asp?page=33&project=27
Latest Groundwater Monitoring Data: www.oricabotanytransformation.com/index.asp?page=29&project=27

Permit to Intercept & Redirect Groundwater at SCA³

Dept of Primary Industries
[Fisheries]

Role: Issue **Permit 05-030** under Part 7 of *Fisheries Management Act 1994* to extract groundwater at SCA as impact of its interception to Penrhyn Estuary's marine vegetation was uncertain (monitoring has shown no significant impact on marine vegetation)

Pipelines for Groundwater Transfer

Landowners where pipelines are located

Role: Provide a range of easements and licenses to install pipelines on their lands

Groundwater Extraction

Dept of Primary Industries
[Office of Water]

Role: Monitor groundwater extraction by way of **Bore Licences** (**10BL603116** [for PCA⁴]; **10BL603112** [for SCA¹]; **10BL603115** [for BIP⁵ Containment Line]) issued under Section 115 of *Water Act 1912*.
Public register: <http://www.wma.dwe.nsw.gov.au/wma/index.jsp>

Groundwater Monitoring

EPA [Contaminated Sites Section]
&
Dept of Primary Industries [Office of Water]
&
Landowners where monitoring bores are located (e.g. CoBB and Sydney Ports)

Contaminated Sites Role: Review monitored data reported in quarterly progress report.

NSW Office of Water Role: Issue **licence for monitoring bores** under *Water Management Act (NSW) 2000*.

Footnote: 1 Terms 'voluntary'/'proposal' are used in the Act which specifically refers to VMP

2 Dense Non-aqueous Phase Liquid

3 Secondary Containment Area

4 Primary Containment Area

5 Botany Industrial Park