



iah
Australian National
Chapter
NSW Branch

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Tuesday 12th November 2013, 6 to 8pm
Parsons Brinckerhoff offices
Ernst & Young Centre,
Level 26, 680 George Street, Sydney CBD
Late-comers please contact Carolina Sardella on 0439 650 395.

*IAH NSW proudly presents a technical talk by **Dino Parisotto**,
Earth2Water*

'Braddon Site Remediation'

Remediation on the former service station site included redevelopment and groundwater and vapour removal. The deep basement car park (to 8.5m) facilitated removal of former fuel infrastructure (primary source) and bulk excavation of contaminated materials (50,000 tonnes).

Site geology was favourable for remediation with proportion of limestone boulders increase with depth (90% boulders at 11.5m). The deep basement level (void) created opportunities for soil hotspot removal (285 tonnes) down to the water table and improvement in groundwater quality. Permanent wells in the basement, site boundary and offsite facilitate monitoring of MNA and further reduction in contamination mass.

The outcomes of the study indicated that the Braddon commercial complex required maintenance of the vapour management system and the groundwater plume in the offsite area needed an ongoing monitoring to address possible vapour risks in neighbouring basement car parks.

Please RSVP to:

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