



Water Water & Wastewater Security

Client
Olympic Coordination Authority

Location
Sydney, Australia

Water Cycle Infrastructure Risk Analysis for Sydney Olympics

Project Highlights

- Provided risk analysis for water systems for the Olympic Coordination Authority
- Project resulted in follow-on work for water systems serving over 4 million customers throughout Sydney

Project Description

The Olympic Coordination Authority (OCA) contracted CH2M HILL conduct a risk analysis of the Homebush Bay Water Cycle Infrastructure comprising the potable and reclaimed water and sewer and stormwater systems. The aims of the risk analysis were to identify and quantify potential risks associated with the water infrastructure and develop detailed incident risk management strategies to minimize and control risks. Issues addressed included assessment of risk management plans, infrastructure operational performance, and risk of failure and identification of potential issues associated with strategic policy at the organizational level.

After completing this project, the Sydney Water Corporation, the water/wastewater supplier to 4 million customers in Sydney, asked CH2M HILL engineers to conduct a similar exercise covering all of its systems that could potentially cause problems during the Olympics.