

PROJECT DATA

Port Phillip Bay Channel Deepening Project EES

CLIENT	Port of Melbourne Corporation
PROJECT LOCATION	Port Phillip Bay, Victoria, Australia
DATE OF PROJECT	2002 - 2004
SERVICES PROVIDED	Environmental impact assessment; environmental risk assessment; environmental management plan; community consultation; representation in government approval process.



Together with Parsons Brinckerhoff, Hydro Tasmania Consulting managed the environmental and social studies undertaken for the Channel Deepening Project and undertook the preparation of the Environment Effects Statement for this wholly marine-based project.

Specifically, Hydro Tasmania Consulting led the biological and physical studies. Significant issues included the turbidity plumes generated by dredging and the reduction in light for plant growth, the introduction and translocation of marine pests, the potential disruption to denitrification processes maintaining the water quality in the Bay, and the possibility that channel deepening would alter hydrodynamic processes (including tidal range shifts leading to flooding of coastal properties and low-lying wetlands).

Hydro Tasmania Consulting developed the risk assessment methodology and undertook the risk analysis used as a key output of the EES. In addition it oversaw the development of the Environmental Management Plan's monitoring program, and designed the innovative adaptive-management monitoring program that was a central plank of the EMP. Hydro Tasmania Consulting also appeared as an expert witness at the Panel hearings to testify regarding the EMP, its monitoring program and the risk analysis underpinning both.

In the second half of the project, Hydro Tasmania Consulting took over the management of the Port of Melbourne Corporation's community consultation and stakeholder communications program.

LEADERS IN CONSULTABILITY



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