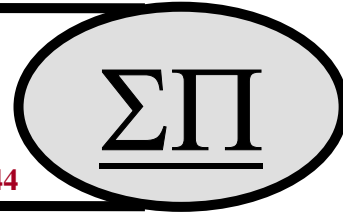


# SMITHSON PLANNING

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## CAPABILITY STATEMENT – ENVIRONMENTAL MONITORING

Listed below (and accompanied by a short description of responsibilities) are a selection of representative projects demonstrating Smithson Planning' capability in the area of Environmental Monitoring.

**Project :** Kendenup Rural Land Clearing – DEC Vegetation Conservation Notice  
**Client :** HHG Legal Pty Ltd  
**Date :** December 2010

Smithson Planning is currently engaged to provide expert analysis, interpretation and evidence in respect to a Vegetation Conservation Notice proposed to be issued by the WA Dept Environment & Conservation over a ~100 hectare parcel of land zoned Rural pursuant to the provisions of the Shire of Plantagenet TPS #3 - 1991.

**Project :** Two People's Bay Satellite City  
**Client :** Rangewide Pty Ltd  
**Date :** January 2009

Smithson Planning was engaged by Rangewide Pty Ltd to project manage the development of the Two Peoples Bay Satellite City Project in the City of Albany.

Following initial briefings to local and state government agencies and elected representatives, the documentation path will now address the design and environmental management aspects of project development taking into account community engagement and participation.

**Project :** Wandgee Resort Hotel  
**Client :** Sharus Pty Ltd  
**Date :** September 2006

Smithson Planning was engaged by Sharus Pty Ltd and Afforestation Pty Ltd to project manage the development of the Wandgee Resort Hotel, a boutique small luxury hotel at Green Range, City of Albany.

Following initial briefings to local and state government agencies and elected representatives, the documentation path will now address the design and environmental management aspects of project development taking into account community engagement and participation.

**Project :** Albany Mains Water Storage Upgrade 2005 – Pipeline Construction  
**Client :** DM Civil & WA Water Corporation  
**Date :** September 2005

Smithson Planning were engaged by DM Civil Contractors to collect and report on a water quality sampling program associated with the WA Water Corporation's Mains Water Storage and Distribution Network Upgrade Program : specifically the Grey Street Pipeline connecting the Mt.Melville and Mt.Clarence Water Tanks.

**Project :** Albany Primary School – Phase 1 Environmental Audit  
**Client :** Landcorp, WA on behalf of the WA Dept of Education  
**Date :** August 2001

Smithson Planning were engaged by LandCorp (acting for the WA Dept of Education) to prepare a Phase 1 Environmental Audit of the Albany Primary School looking at development opportunities and constraints relative to the issue of contaminated site management, heritage assessment and town planning scheme regulation as a precursor to anticipated disposal of these surplus government lands.

**Project :** Kemerton Ocean Outfall Monitoring Program  
**Client :** SCM Chemicals Ltd, Kemerton, WA  
**Date :** November 1989

SCM operate a mineral processing plant at Kemerton Industrial Estate north of Bunbury. The plant was licensed by the Western Australian Environmental Protection Authority to discharge effluent via a five kilometre overland pipeline into the Indian Ocean via a 500 metre ocean outfall pipeline and a submerged diffuser.

Smithson Planning (under contract to Kinhill) collected seagrass, seaweed, soil and water samples (surface, sub-surface and ocean floor locations) at and around the diffuser in order to monitor environmental quality.

Issues considered included water temperature, conductivity, salinity, turbidity, total dissolved oxygen, phosphorous and nitrogen content, and heavy metal content. An outfall diffuser plume study was also conducted to assess the potential impact area associated with long-shore drift and currents.

**Project :** Collie River Monitoring Program  
**Client :** SCM Chemicals Ltd, Australind, WA  
**Date :** November 1989

SCM operate a mineral processing plant at Australind on the Collie River near Bunbury. The plant was licensed by the Western Australian Environmental Protection Authority to discharge effluent into the Collie River via a submerged diffuser.

Smithson Planning (under contract to Kinhill) assisted in the collection of marine species, water and soil samples (from upriver, diffuser and down river locations) in order to monitor the environmental health of the river ecosystem.

Issues considered included marine species diversity and health, water temperature, salinity, turbidity, total dissolved oxygen, phosphorous and nitrogen content, and heavy metal content.

**Project :** Leda Wetlands Management Plan  
**Client :** Landcorp, Leda, WA  
**Date :** November 1989

A 200 lot single residential subdivision and a 100 lot special rural subdivision within the Town of Kwinana, servicing the working community associated with the Kwinana Industrial Area and the Rockingham Regional Centre to the south-west of Perth.

The land formed part of a significant regional open space corridor with natural and built environments of heritage significance. Smithson Planning (under contract to Kinhill) participated in the environmental assessment of a large area of sensitive remnant native bushland and an ephemeral wetland.

Management procedures were developed for the subdivision of the land encompassing vegetation clearing, vegetation chipping for mulch, open drainage swales for stormwater control, aerobic treatment unit specifications and on-site effluent disposal for the special rural lots, tree planting for nutrient retention and fire control, domestic animal control, and groundwater reticulation.

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**NOTES :**