

Warragamba Dam Access Audit (SCA)



Location

Australia

Client

Sydney Catchment Authority

Start Date

January 2003

Office Responsible

Cardno

Responsibilities

Safety audit of the accesses of Warragamba Dam.

Project Scope

Cardno's role was to inspect and assess compliance of all fixed access, stairs, ladders and walkways of Warragamba Dam. The risks of non-compliance were assessed and subsequently recommendations were made to improve the accesses and reduce or minimise risk of injury. Cardno also provided a scope of work for each access and a ball park costing for the proposed improvements.

The scope of audit work included:

- Onsite briefing and initial inspection of surrounding region
- Initial consultation with SCA to determine extent of confined space risk areas
- Preparation of project management, quality assurance plans and safe work plans
- Preparation of detailed work plan and survey program
- Familiarisation with SCA's OH&S plan
- Review environmental factors associated with implementing the survey
- Preparation of report formats
- Inspection of all accesses were carried out by pairs of engineers
- Measure, record and photograph all accesses within the dam and along the water supply pipes to prospect reservoir
- Preparation of compliance report for each access.

Preparation of a draft report including site notes, risk assessment and recommended actions and ball park costings were submitted to SCA for review. After consultation with SCA a final report was submitted including scope of work recommended to each access.

Contact

management@cardno.com

1300 782 171 (in Australia) or your local office

+61 7 3369 9822 internationally

www.cardno.com