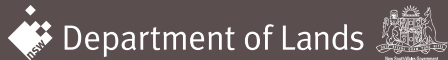


Soil Conservation Service: Specialists in natural resource management

Experienced people protecting your resources



Within the Department of Lands (Lands), our Soil Conservation Service Division is an environmental consulting business specialising in environmental protection, rehabilitation and land management. We offer a complete range of professional and technical services in erosion and sediment control, soil and water testing, land assessment, water supply, rehabilitation and revegetation techniques.

For over 60 years, Soil Conservation Service has built a strong reputation as providers of reliable, practical solutions to environmental management issues. Operating from 40 centres across the state, our technical expertise and experience is readily available. Our plans and recommendations are based on a sound understanding of effective and practical land management techniques making us a valuable partner in developing and implementing environmental management solutions.

Resource planning and assessment

All land has a finite capability. An effective land management solution needs people who can assess a given situation and define an effective action plan.

We are proven leaders in planning and assessment across New South Wales, with skills in:

- soil surveys and soil landscape mapping
- flora and fauna surveys

- land degradation assessments
- land capability studies
- environmental impact assessments/assessing environmental risk
- catchment and property planning
- salinity and ground water investigations
- environmental auditing and monitoring.

Working in partnership with our clients, we develop and implement practical solutions for effective land management.

Project management and environmental engineering

Within Soil Conservation Service, we have the expertise and resources to design and implement major environmental works programs. We are a leading authority in the implementation of soil and water conservation works.

We employ a full-time works team and own an extensive fleet of heavy earthmoving machinery. Our expertise in using natural materials is reflected in our ability to apply soft engineering techniques to deliver effective environmental solutions.

Some of our recent success stories involve the construction of:

- riverbank stabilisation works
- runoff detention basins
- sediment control ponds and wetlands



- farm and water supply dams
- artificial wetlands
- erosion control works
- access tracks
- loose rock channels and fishways
- gully control structures
- broadacre banking systems
- masonry and rock chutes
- revegetation/CMA projects
- sports oval and playground construction.

Refined design procedures, on-going improvements to construction techniques, and upgraded machinery all ensure that we provide the most cost-effective and environmentally sound solution for our clients.

Rehabilitating degraded areas

Overgrazing or other forms of intensive land use can result in areas being stripped of vegetation risking severe erosion. Often, the topsoil has been lost or compacted to a point where specialised techniques are needed to establish suitable vegetation on the site. We use a combination of proven measures to re-vegetate large areas and difficult sites including:

- sighting, surveying and constructing a diversion bank above the area to protect it from runoff
- deep ripping to break up rills and increase water infiltration
- shaping and filling to achieve stable slopes
- fertilising and sowing the area with suitable species
- fencing to exclude all stock and feral animals.

Our proven track record in successful rehabilitation projects includes rural properties, road batters, gravel quarries, salt scalded areas, derelict mines, garbage tips and beach dunes.

Soil and water testing

Our NATA (National Association of Testing Authorities) registered laboratory provides a wide range of soil and water analysis, result interpretation and management recommendations. These are typically used for:

- soil ameliorant recommendations
- urban and rural water quality
- environmental monitoring
- seed and fertiliser recommendation
- suitability for earthworks construction
- identifying acid sulphate soils.

We have the science behind the solution to ensure the complete and comprehensive analysis that you require.

Training

We provide industry training to a wide range of clients in construction, site erosion and sediment control. The course encompasses subdivision design, building site controls, mine site rehabilitation, forestry operation and service corridor controls providing valuable insight for people involved in urban development and natural resource management.

Want to know more?

For more information on how Lands can work with you on soil conservation and land rehabilitation projects, please contact your nearest Soil Conservation Service division area manager (below) or visit our website on www.lands.nsw.gov.au.

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