



Mining, Energy and Natural Resources

Monitoring and managing environmental impacts





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Australia's mining, energy and natural resource industry is subject to state and commonwealth legislation associated with minimising and monitoring the impact of its activities on the environment.

Ecosure regularly works with energy suppliers, mining and LNG companies, and power stations to manage and monitor their environmental impacts in accordance with their legislative requirements and company objectives. We understand the importance of delivering safe, timely, cost-effective services to achieve project targets. Through our certified environment (ISO14001), quality (ISO 9001) and safety (AS/NZS 4801) systems, we have streamlined our business operations to lower our environmental impact, guarantee customer satisfaction and increase staff safety.

Here are a just few of the ways we can assist companies in the mining, energy and natural resource industry:

Development

- Development approval applications and legislation compliance assessment
- Flora, fauna and aquatic pre-clear surveys, mapping, habitat assessments, impact statements and species management plans
- Highly skilled fauna spotter catchers with all required equipment, safe work systems and major project experience

Monitoring and maintenance

- Water quality compliance monitoring and reporting
- On-ground weed control and maintenance activities
- Experience and permits to trap, restrain and relocate problem wildlife and take tissue samples and in-house veterinarian staff for specialist technical support

Restoration and offsetting

- Environmental offset planning and implementation
- Revegetation and maintenance including full habitat reconstruction on large and small scales
- Qualified and experienced bush regeneration teams that come fully equipped with 4WD vehicles and all the necessary specialised equipment for sensitive and successful restoration works on any site.



Our Experience

A sample of our recent projects

Fauna Spotter Catching

Our client is a multinational engineering, construction and project management corporation and key contractor for a major mine site development in Caval Ridge, Moranbah.

Ecosure were subcontracted to provide Fauna Spotter Catcher, project management and reporting services associated with land clearing at the site. The project involved pre-clear surveys and habitat assessments prior to works, monitoring of clearing activities, capture and relocation of fauna from the clearing site to the nearest suitable habitat, transport of injured wildlife to an appropriate care facility, and fulfilling reporting requirements for the Department of Environment and Heritage Protection.

During the course of the project, Ecosure successfully captured and relocated almost 10,000 animals. We believe this number is unprecedented.

State and Commonwealth Guidelines Compliance

Ecosure's client is a major energy provider and operator of key power stations in Queensland. They required a manual to be written that enabled the ongoing testing of water quality between contained and receiving environments. In addition, Ecosure was asked to submit a report to the regulators

detailing the procedures for achieving compliance with water quality guidelines.

Following this work, the client asked Ecosure to conduct an ongoing quarterly and annual assessment of surface water and groundwater in the vicinity of the power station.

Large Scale Planting and Maintenance

As part of a waterway health enhancement revegetation initiative, our client required planting and maintenance of tube stock to achieve key objectives including enhancement of bank and soil stability, habitat for local fauna species, connectivity of an onsite waterway corridor, weed removal, shade to waterway and consistency with local revegetation efforts.

After initial management of all environmental weeds, Ecosure determined that the site required almost 60,000 tube stock to be planted in 5 stages of works, with watering, and maintenance to follow. During the project planning phase, Ecosure identified a number of opportunities for more efficient project delivery, including reducing person hours and costs by hiring specialist equipment and machinery to complete certain tasks.

Through the successful delivery of this project, Ecosure has made a significant contribution to achieving the projects waterway health enhancement objectives.



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