

Aligning solutions to people and the environment



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CONSULTANT**

Vision

*Providing solutions which are
diverse, cost effective,
innovative, foster sustainability,
and meet the client needs.*



Environmental & Bushfire Consultants



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Working with you, solving problems for you.

Bio Diverse Solutions provides a range of environmental and Hydrological services to meet your requirements:

Environmental services include:

- Reconnaissance, targeted or detailed flora & vegetation surveys;
- Basic, targeted or detailed fauna Surveys;
- Environmental Management Plans;
- Weed Management Plans;
- Targeted Black Cockatoo Surveys;
- Clearing Permit applications & implementations;
- Environmental Risk Assessments;
- Strategic environmental Planning;
- Revegetation planning & implementations; and
- Strategic offset planning.



Hydrological services include:

- Local & Urban Water Management Plans;
- Groundwater & surface water monitoring;
- Soil & groundwater testing for on-site effluent disposal;
- Hydrogeological reports & groundwater investigations; and
- Hydrological investigations & advice.

Building in Bushfire Prone Areas we can help you with all of the requirements!

BAL Assessment - Bushfire Attack Level - The determination of the construction requirements for a building site, with the threat or risk of bushfire attack assessed by a qualified Bushfire Consultant.

BAL Contour Plans - We provide the scaled maps that illustrate the potential radiant heat impacts and associated indicative BAL ratings in a series of "Contours". BAL Contour maps can guide the risk assessment process and are used in:

- Problem solving house locations on individual lots;
- Plans of subdivision; and
- Strategic Planning Proposals.

BHL - Bushfire Hazard Level (BHL) Plans - BHL Mapping is the process applied at high strategic planning stages whereby the WAPC methodology defines vegetation as Low, Moderate or Extreme Bushfire Hazard Level (BHL).

The BHL Mapping is applied to:

- Subdivision planning;
- Structure plans; and
- Development applications/approvals.

BMP - Bushfire Management Plan - A Bushfire Management Plan will identify potential issues or problems relating to environmental fire threats and recommend specific actions by persons, agencies, authorities and developers to ensure, as much as practical that the lives and assets of the location are not put at undue threat from any unplanned bushfire event.

The elements are assessed against a performance based criteria as listed below;

- Element 1: Location;
- Element 2: Siting and Design of Development;
- Element 3: Vehicle Access; and
- Element 4: Water.

BEEP - Bushfire Emergency Evacuation Plan
Bushfire Mitigation Services and Asset Protection Zone

Environmental Impact Assessment

Flora & Fauna Survey and Reporting

Tree Survey & Habitat Assessment

Weed Management Plans



BAL Assessments

BAL Contour Plans

Bushfire Hazard Level Mapping

Bushfire Management Plans

Bushfire Emergency Evacuation Plans

Asset Protection Zone & Bushfire Mitigation
Plans

Arcview GIS Mapping



Environmental Risk Assessment

Strategic Environmental Planning

Land Capability Assessment

Rehabilitation Planning & Implementation

Water Quality Assessment & Monitoring

Waste Management

Works Approvals