



RECOVERY TEAM Annual report 2013

THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

PROGRAM INFORMATION

Recovery Team

Toolibin Lake NDRC Recovery Team

Reporting Period

Submission date

DATE FROM: January 2013 **DATE TO:** December 2013

Current membership

Member

Representing

Chair

Greg Durell

Department of Parks and Wildlife

Exec Officer

Members

Currently under review. Through the process of recovery planning it has been decided to revisit the members on the recovery team so that a diverse and complete coverage of stakeholders is captured. Importantly it was felt that there was to be no over representation from one group with individual representation from each group.

Dates meetings were held

No meetings held. An update and review of the Terms of reference have been completed and are waiting to be sent through the approvals process.

Highlights of achievements for the previous 12 months suitable for publication in *WATSNU* and contribution to the Department of Parks and Wildlife annual report. Provide 1-2 paragraphs summarising total number of new populations located, surveys completed, list major management actions etc

The recovery planning process has been continuing to develop a revised Recovery Plan for Toolibin Lake Recovery Catchment. The team of experts is currently assessing and commenting on the most recent draft. A major component of the plan is addressing hydrological issue and this is yet to be compiled and finalised, this is due to continuing investigation and research from Natural Resources Branch.

List of recovery actions coordinated by Recovery Team

Detail under the headings below the recovery actions undertaken during the reporting period. Provide separate detail for each species/community against each action. For species/community-specific recovery teams, the generic activity types below can be replaced by the specific recovery actions from the recovery plan where appropriate.

Monitoring and survey of existing and new populations/ occurrences, targeted surveys, critical habitat mapped etc.

- Groundwater monitoring of over 200 bores within the catchment and lake floor.
- Download of data and maintenance of surface water loggers throughout the catchment.

	<ul style="list-style-type: none"> • Biannual spotlighting along the lake floor and reserve system of fauna and ecosystem threats (kangaroos). • Photo monitoring of vegetation condition around electric and air displacement pumps and at sites along the Dulbin Waterway. • Health monitoring on hold pending review in RP and from recommendations from analysis of data.
Threat amelioration eg weed control/mapping, fencing/ repairs, fire management disease management, feral/ introduced animal control, installation of roadside markers	<ul style="list-style-type: none"> • Periodic survey and culling of kangaroos on the lake floor. Baiting of rabbits. • On-going maintenance of groundwater pumping system, including discharge pipe cleaning system (pigging) from the western and southern pumping stations and installation of a larger air compressor unit to supply the air displacement pumps. • On-going maintenance of recreation site. • Firebreak maintenance. • Seed collection and propagation of seedlings. • Revegetation on Millers Block including site preparation and hand planting of 40,000 seedlings. Development of a revegetation plan. • Installation of wash down areas on Millers block and at Toolibin Lake. • Hygiene management plan specifically for Toolibin RC has been developed.
Conservation and research e.g. fire research, translocation, ex-situ conservation, revegetation/rehabilitation etc	<ul style="list-style-type: none"> • Continuing development of a hydrogeological model for the Toolibin Catchment and groundwater trend analysis. • Bore monitoring rationalisation and rehabilitation almost completed. • Toolibin Lake NDRC Miller's Block Surface and Groundwater Management Plan Stage 1 Implementation, Wheatbelt Hydrology • Salinity Management at Toolibin Lake, Western Australian Innovative and Practical Engineering Systems, Wallace, K.J. • Toolibin Surface Water Review by Peter Muirden.
Liaison, education/provision of advice e.g. promotional material inc newspaper/ magazine articles, liaison with land managers/ owners, input to impact assessment, development of specific management plans, volunteers assisting with surveys/ monitoring etc.	<ul style="list-style-type: none"> • Distribution of 1 newsletter to stakeholders and catchment community. • TAFE tour including 25 participants. • Review and Update of Ramsar Information Sheet.
Land use/tenure changes e.g.	None

covenants, acquisitions, changes in land use or listed purpose etc.	
Conservation status reviews for taxa/TECs e.g. nominations for additions, deletions or change in status to state threatened or priority lists; changes to EPBC list	None
Recovery plans e.g. recovery plans/ IRPs drafted, approved, reviewed or updated	<ul style="list-style-type: none"> • Recovery Plan review submitted. • Significant progress on the Recovery Plan.
Other actions completed	<ul style="list-style-type: none"> • Continuing measurements and treatments undertaken on trial plots at Chadwick's block including timber production sites.