



Department of
Environment and
Conservation

Our environment, our future

RECOVERY TEAM ANNUAL REPORT

THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

PROGRAM INFORMATION

Recovery Team	Sedgeland in Holocene swales (incorporating thrombolite community of Lake Richmond from 2013 on)
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Reporting Period	January 2012-March 2013
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Current membership

Member	Representing
Chair	Ms Valerie English DEC Species and Communities Branch
members	Dr Neil Gibson DEC Science Division
members	Professor Phillip Jennings Wetlands Conservation Society
members	Ms Kate Brown DEC Urban Nature
members	Mr David Mort City of Rockingham
members	Mr Bob Goodale Community representative
members	Mr Brad Johnson DEC Regional Parks

Dates meetings were held	21 February 2013
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<p>Highlights of achievements for calendar year suitable for publication in <i>WATSNU</i>. Provide 1-2 paragraphs summarising total number of new populations located, surveys completed, list major management actions etc</p>	<p>A series of issues including negotiations and advice about areas that contain the sedgeland community and are the subject of proposals for reservation or development were dealt with in 2012. This included negotiations to minimise impacts with regard to development of land at east Golden Bay, Bakewell Drive Port Kennedy, Waikiki Station, and the proposed Mangles Bay Marina that occurs near the Lake Richmond occurrences.</p> <p>Under the direction of DEC's Regional Parks Branch a \$40,000 grant for control of fig (<i>Ficus</i> spp.), pampas grass (<i>Cortaderia selloana</i>), sharp rush (<i>Juncus acutus</i>) and cotton bush (<i>Gomphocarpus fruticosus</i>) near the sedgeland TEC at Lake Cooloongup was completed.</p> <p>DEC completed a major Caring for our Country funding application to complete on-ground conservation works recommended in the recovery plans for the Sedgeland and Lake Richmond thrombolite TECs in the Rockingham Lakes Regional parks.</p>
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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.

<p>Monitoring and survey of existing and new populations/ occurrences, targeted surveys, critical habitat mapped etc.</p>	<p>Monitoring of the effectiveness of the fence at Point Becher in protecting the sedgelands from illegal 4x4 vehicles coming in from the beach was continued by DEC Regional Parks, and the fence was mended and replaced as required.</p>
<p>Threat amelioration eg weed control/mapping, fencing/ repairs, fire management disease management, feral/ introduced animal control, installation of roadside markers</p>	<p>Infill sewerage is being installed adjacent to Lake Richmond and this will reduce the impacts on water quality from this source. Nutrients from sewage have the potential to impact both the thrombolite and sedgelands TECs.</p> <p>Under the direction of DEC's Regional Parks Branch a \$40,000 grant for control of fig (<i>Ficus</i> spp.), pampas grass (<i>Cortaderia selloana</i>), sharp rush (<i>Juncus acutus</i>) and cotton bush (<i>Gomphocarpus fruticosus</i>) in or near the sedgelands TEC at Lake Cooloongup was completed. Bi-annual inspection for Japanese pepper and fig was completed at Lake Richmond.</p>
<p>Conservation and research eg fire research, translocation, ex-situ conservation, revegetation/rehabilitation etc</p>	<p>Relevant hydrological data were compiled in the updated recovery plan for the sedgelands and are continuing to be collected for some bores by various groups including DoW for areas close to the TEC. The bores at IP14 were monitored as a condition of development of the site. A draft paper on the regeneration of the sedgeland TEC following removal of Geraldton carnation weed is being reviewed.</p>
<p>Liaison, education/provision of advice eg 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.</p>	<p>In 2012, the recovery team continued to liaise with numerous groups including local government, industry and the local community to implement the recommendations in the updated recovery plan for the sedgelands. In particular, members of the team were involved in negotiations to minimise impacts with regard to development of land, or in seeking to improve management of land at various sites, as follows.</p> <p>A Subdivision Guide Plan and Superlot Subdivision Guide Plan are being completed by consultants Strategen for LandCorp for the Bakewell Drive Port Kennedy sedgelands TEC occurrences. Strategen met with DEC in December 2011 to discuss wetlands and TEC and buffer issues for the site with regard to developing these plans.</p> <p>DEC negotiated to achieve exclusion of all sedgeland TEC area from development at Golden Bay East (Sawley Close), and as the buffer is not as wide as generally recommended DEC is seeking monitoring of the TEC through the management plan for the site.</p> <p>A small area of the sedgelands TEC was approved for clearing at Waikiki Station in the Regional Park for MetroRail carpark extension. Continuation of hydrological and vegetation monitoring is a condition on development.</p> <p>Members of the recovery team have been providing FESA about on ground works such as new firebreaks that have potential to impact the sedgelands TEC and providing advice about avoiding impacts.</p> <p>Members of the Recovery Team provided advice and recommendations with regard to impact of development on the sedgelands at Bakewell Drive, and other areas including east Golden Bay.</p>
<p>Land use/tenure changes eg covenants, acquisitions, changes in land use or listed purpose etc</p>	
<p>Conservation status reviews for taxa/TECs eg nominations for additions, deletions or change in status</p>	

to state threatened or priority lists; changes to EPBC list	
Recovery plans eg recovery plans/ IRPs drafted, approved, reviewed or updated	The updated Recovery Plan for the sedgelands TEC was endorsed by the Australian Government in July 2012. This provides avenues for future Commonwealth funding such as through Caring for our Country grants.
Other actions completed	<p>The Lake Richmond thrombolite TEC is now included under the umbrella of this team.</p> <p>DEC completed a Caring for our Country funding application to complete on-ground conservation works recommended in the recovery plans for the Sedgelands and Lake Richmond thrombolite TECs in the Rockingham Lakes Regional parks.</p>