

## **Project Closure SP 2018-030**

# **Explaining foreshore vegetation die-off**

**Rivers and Estuaries Science**

### **Project Core Team**

<b>Supervising Scientist</b>	Kerry Trayler
<b>Data Custodian</b>	Kerry Trayler
<b>Site Custodian</b>	

### **Project status as of July 1, 2020, 11:07 a.m.**

Closure pending approval of closure form

### **Document endorsements and approvals as of July 1, 2020, 11:07 a.m.**

<b>Project Team</b>	granted
<b>Program Leader</b>	granted
<b>Directorate</b>	required

## Explaining foreshore vegetation die-off

### Closure goal

completed

### Closure reason

Project deliverables complete

## Key publications and documents

Hardy, G. Gyeltshen, J., Calver, M., Dunstan, B. and Burgess, T. (2019). Investigation into riparian vegetation decline: pathogenicity and soil influence Guildford Eucalyptus rudis decline. Murdoch University Report to DBCA.

Hipsey, M.R., Alilou, H., Bourke, S., Bunting, C., Busch, B.D., Job, M., Whitwell, C., and Zhai, S., 2020. Understanding and predicting riparian decline: Ecohydrology and hydro-climatological change in the Upper Swan estuary. AED Report, The University of Western Australia, Perth, Australia. 51pp

Hipsey, M. and Trayler, K. (2020). Understanding and predicting riparian decline: ecohydrology and hydro-climatological change. DBCA Information Sheet.

Huntley and van Dongen (2017). Remote Sensing Pre-field Analysis – Helena River. Technical Report Department of Biodiversity, Conservation and Attractions.

## Knowledge Transfer

Information sheet prepared.

Communities engaged in and contributed to phosphite injection trial - October 2018. DBCA, Murdoch University and the Eastern Metropolitan Regional Council worked with community to inject 12 large trees around the Polo Ground. The day involved a small workshop to describe the disease syndrome and possible causes. Approximately 22 people attended and learned how to inject phosphite and insert Phoscap implants into trees. The day was consider successful. Please communicate with Aimee Kontor (EMRC) who organised the day (Aimee.Kontor@emrc.org.au; 0427088213) if further information is requested

Prof. Giles Hardy presented on aspects of the study (as part of a large talk on tree health) was presented to the Peel Harvey Catchment Council on 21<sup>st</sup> March 2019 to interested people approximately 50 people attended.

## Dataset links

### Hardcopy location

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