

The Murray-Darling Freshwater Research Centre

Research Portfolio | 2014



The Murray-Darling Freshwater Research is a Joint Venture between CSIRO and La Trobe University. The core business of the MDFRC is the generation of new scientific knowledge to support effective management of the Basin's ecology. This knowledge is generated through long-term strategic research, short-term tactical research, synthesis of the best available science, monitoring and evaluation and knowledge exchange activities to promote adoption and active involvement in the management of the freshwater assets of the Basin.

Project	Client	Year	MDFRC Contact
A rapid bio assessment of Yackandandah Creek – Ref no: 609	North East Water	2014	Michael Shackleton
Advice and assistance to ISMs – Ref no: 468	Murray Darling Basin Authority	2013 - 2014	Ben Gawne
Analysing & reporting on the 2013-14 CLLMM WQ, Microalgae & zooplankton data – Ref no: 481	CSIRO Water for Healthy Country	2013 – 2014	Daryl Nielson
Analysis of gas substrate release during flooding – Ref no: 523	Goulburn Broken CMA	2014	Gavin Rees
Basin Watering Strategy – Ref no: 525	Murray Darling Basin Authority	2014	Lee Baumgartner
Bioavailability of organic carbon – Ref no: 469	Murray Darling Basin Authority	2013 - 2014	Darren Baldwin
Butlers Creek Drawdown fish movement assessment Winter 2014 – Ref no: 602	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
CEWO LTIM Stage 1. – Ref no: 461	Department of the Environment	2012 – 2014	Ben Gawne
CEWO LTIM Stage 2 – Ref no: 499	Department of the Environment	2014 – current	Ben Gawne
Coonancoocabil Demonstration Wetland de-carping – Ref no: 900	Department of Primary Industries	2014	Ben Gawne
DAAMMP 2014 – 2017 – Ref no: 618	NSW Office of Environment & Heritage	2014 – current	Rick Stoffels
Developing a blackwater risk management plan for the lower Murray River – Ref no: 604	Mallee Catchment Management Authority	2014	Nathan Ning
Development of fish passage technology Mekong & Murray-Darling – Ref no: 497	NSW Department of Primary Industries	2013 - 2015	Lee Baumgartner
Development of metagenomics and metabolomics techniques – Ref no: 462	CSIRO Water for Healthy Country	2012 – 2014	Gavin Rees
Enhancing DNA bar coding tools – Ref no: 484	Murray Darling Basin Authority	2013 - 2015	Gavin Rees
Etiwanda native plant pamphlet and information sign – Ref no: 610	Mildura Rural City Council	2014	Fiona Freestone
Etiwanda wetlands vegetation surveys: spring 2014 – Ref no: 611	Mildura Rural City Council	2014	Fiona Freestone

Fish Flows Group – Ref no: 527	Murray Darling Basin Authority	2014	Lee Baumgartner
Fish Movement at Gunbower – Ref no: 473	CPS Environmental Research	2013 - 2015	Iain Ellis
Fish Movement of Butlers Creek – Ref no: 476	Mallee Catchment Management Authority	2013 - 2014	Iain Ellis
Fish Spawning at Gunbower – Ref no: 472	CPS Environmental Research	2013 - 2015	Iain Ellis
Fletchers Lake management plan – Ref no: 606	BMEET - Dept of the Environment	2014 – 2015	Deb Bogenhuber
Frog monitoring at Hattah Lakes and Mulcra island – Ref no: 483	Mallee Catchment Management Authority	2013 – 2014	Greg Cranston
Lake Cowal Foundation – Ref no: 521	Lake Cowal Foundation Limited	2012 – 2015	Daryl Nielson
Lake Hume and Mulwala Management Plan – Ref no: 619	SKM - Jacobs Group (Australia) Pty Ltd	2014 – 2015	Daryl Nielson
Larval and Juvenile fish in Chalka Creek (Autumn 2014) – Ref no: 492	Mallee Catchment Management Authority	2013 – 2014	Iain Ellis
Legacy of the Murray and Mitta Mitta Biological monitoring – Ref no: 487	Murray Darling Basin Authority	2013 – 2014	Rob Cook
Living Murray Monitoring 2013 – 2014 – Ref no: 464	Mallee Catchment Management Authority	2013 – 2014	Mark Henderson
Living Murray Monitoring 2014-15 – Ref no: 498	Mallee Catchment Management Authority	2014 – 2015	Mark Henderson
Lower Darling River Murray Cod spawning – Ref no: 615	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
Macroinvertebrate and sediment baseline survey of the Murray River, Albury – Ref no: 616	Norske Skog Paper Mills (Australia) Ltd	2014 – 2015	Paul McInerney
MDBA Collaborative Agreement – Ref no: 637	Murray Darling Basin Authority	2014 – current	Daryl Nielson
Measurement of ecological condition in the Condamine River – Ref no: 624	CSIRO Water for Healthy Country	2014 – current	Gavin Rees
Mid Goulburn River flow study – Ref no: 488	Peter Cottingham and Associates	2013 - 2015	Paul Brown
Moira Grass Seedbank Study – Ref no: 605	Goulburn Broken CMA	2014 – 2015	Daryl Nielson
Monitoring fish passage through the Hattah pumps part 2 – Ref no: 494	Mallee Catchment Management Authority	2013 – 2014	Mark Henderson
Monitoring Murray Hardy Head populations in the Mallee – Ref no: 477	Mallee Catchment Management Authority	2013 - 2014	Iain Ellis
Monitoring of WQ, Aquatic Vege & habitat in selected Mallee wetlands 2013/14 – Ref no: 486	Mallee Catchment Management Authority	2013 – 2014	Iain Ellis
Monitoring the effects of Willows Removal – Ref no: 474	North East Catchment Management Authority	2013 - 2015	Paul McInerney
Movement of large bodied fish in response to hydraulic management at the Hattah Lakes – Ref no: 603	Mallee Catchment Management Authority	2014 – 2015	Paul Brown
Mulcra fish movement spring 2014 – Ref no: 607	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
Murray Hardy Head Monitoring 2014-15 – Ref no: 620	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
Murray River Fishway Assessments – Ref no: 496	NSW Department of Primary Industries	2013 - 2015	Lee Baumgartner
Murray-Darling Basin Environmental Water Knowledge and Research Project – Ref no: 465	Department of the Environment	2014 – current	Ben Gawne
Pilot study investigating propagule dispersal through Hattah pumps – Ref no: 495	Mallee Catchment Management Authority	2013 – 2014	Cherie Campbell
Pygmy Perch Monitoring 2013 onwards – Ref no: 478	Goulburn Broken CMA	2013 – 2014	Rick Stoffels
Review of biology and status of endangered and threatened fish Murray Hardy Head – Ref no: 471	Murray Darling Basin Authority	2013 - 2014	Iain Ellis
Review of the Science Basis of the Basin Plan – Ref no: 517	CSIRO Water for Healthy Country	2014	Ben Gawne
Seedbank's and wetland vegetation responses to flooding – Ref no: 470	Murray Darling Basin Authority	2013 - 2014	Daryl Nielsen
State of the Wetlands Survey – Ref no: 489	Mildura Rural City Council	2014	Deb Bogenhuber
Sustainable Diversion Limits – Ref no: 520	CSIRO Water for Healthy Country	2014	Ben Gawne
The Narrows Feasibility Study – Ref no: 524	GHD - GHD Pty Ltd	2014	Lee Baumgartner
The Project Management Assignment – Ref no: 617	Western Local Land Services	2014	Danielle Linklater
Theogoa Lagoon Lateral Movement - Carp Removal – Ref no: 460	Murray Local Land Services	2012 – 2014	Iain Ellis
TLM Monitoring System Synthesis Report – Ref no: 467	Murray Darling Basin Authority	2013 – 2015	Darren Baldwin
TLM Refinement – Ref no: 600a	Mallee Catchment Management Authority	2014	Mark Henderson
Vegetation Monitoring (Trees, lignum, understorey and photopoints) – Ref no: 479	Department of the Environment	2013 – 2014	Deb Bogenhuber

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