

PROFILE

FIONA LOFT

ENVIRONMENTAL CONSULTANT

Fiona has experience in catchment management, vegetation assessments and environmental monitoring. This experience includes undertaking environmental work at numerous mines and ensuring environmental compliance with state and commonwealth legislation on a mine site. Fiona also has extensive experience in groundwater monitoring, potable, sewage, dams and dust monitoring.

She is experienced in macroinvertebrate monitoring using the AusRivas system to undertake monitoring on numerous mine sites in Central Queensland.

Fiona has worked with Landcare involving the community in various projects, as well as with DERM where, among various roles, she processed vegetation clearing applications and PMAVs.

Fiona has gained substantial experience in monitoring techniques for estuarine and ecological communities through her involvement in research projects, doing flora and fauna surveys in communities of urban estuaries and benthic macroinvertebrate assemblages.

Fiona's skills and experience allow her to successfully deliver on collaborative projects involving environmental sampling.

Previous roles have focused on environmental monitoring and compliance.

"A personal favourite is the Macroinvertebrate monitoring which is a requirement by various mines. I have always loved water in any form, water quality is essential for life. Macroinvertebrates are an indicator of the health of a river system – the rarer the species the healthier the river."

One Landcare project Fiona was most passionate about was the "fish-kill" project whereby Fiona, with the help of many volunteers, monitored a number of creeks to determine when and why fish-kills occurred.

"I love taking to people who are passionate about a particular environmental aspect of their lives - it inspires me."



Raised in Warragul, Gippsland, VIC (renowned for its dairy industry), Fiona is familiar with farming, processed vegetation clearing applications and PMAVs through her role with the QLD Dept. of Environmental Resource Management. Having this insight certainly assists in understanding the needs of landholders.

KEY SKILL AREAS

- Water quality monitoring and assessments
- Gully rehabilitation including mine sites
- Environmental auditing
- Stakeholder engagement and liaison
- Groundwater monitoring
- Flora and fauna surveys
- REMP services
- Dust monitoring
- Potable/sewage monitoring
- Sugarcane trials
- Rainfall simulator trials

EDUCATION AND TRAINING

Bachelor App Sc – Protected Part Area Management

AUSRIVAS – Macroinvertebrates, C Class License

4WD Competent

First Aid



PAST PROJECTS

PROJECT	DESCRIPTION	ROLE	CLIENT	YEAR
Reef Trust 4 – Gully and Stream Bank Erosion Control Program	Project managed the rehabilitation of gullies and creeks within the lower Fitzroy River including construction of erosion control rock structures, revegetation and fencing of riparian areas	Project Officer	Australian Government – Reef Trust	2016-2022 (current)
Joint Levee Road Stormwater Run-off Investigation	Lead the water quality investigation into stormwater run-off from Joint Levee Road (Mackay)	Project Officer	Department of Transport and Main Roads	2017-2019 (current)
Project Catalyst	Lead the water quality investigation into numerous cane paddock run-off trials including rainfall simulation trials and KP sampler trials	Water quality	Australian Government – Reef Trust	2016-2019 (current)
Port of Mackay surface water monitoring and assessment	Sampling of surface water and monitoring and assessment at the Port of Mackay	Project Officer	North Queensland Bulk Ports Corporation	2016-2019 (current)
Port of Mackay Groundwater Plan and Groundwater monitoring and assessment	Groundwater monitoring and assessment at the Port of Mackay	Project Officer	North Queensland Bulk Ports Corporation	2017-2018
Janes Creek Diversion Ecological Assessment	Flora and Fauna survey for the Janes Creek proposed diversion	Project Officer	Department of Transport and Main Roads	2017
Eton Range “Four bridge replacement project” Seymour Whyte and DTMR	Undertaking water quality monitoring, contaminated land, ecology, (Koala and fish surveys), soil erosion and sediment fencing. This role also required monthly audits, reporting, and obtaining permits	Environmental Consultant	Seymour Whyte, DTMR	2016 - 2017
Moorvale Mine - Environmental Management	Environmental monitoring including surface water, groundwater, dust, sewage, macroinvertebrates and feral animal control	Environmental Adviser	Peabody Energy	2014-2015
IESA Environmental Officer contracted for Environmental Monitoring of numerous Mines	Groundwater , Surface monitoring, Discharge monitoring, Dust, Sewage, REMP, Macroinvertebrate Monitoring, Feral Animal program	Project Officer	Peak Downs, Hail Creek, Moorvale, Moranbah, German Creek, Oaky Creek , Dysart, Coppabella, BHP Billiton	2010-2014
Queensland Government Vegetation Management	Regulation of Vegetation Management Act 1999	Vegetation Management Officer	Queensland Government (DNRM)	2009-2010

