

Donaldson Coal Abel Mine CCC Meeting

■ 9th September 2019

Abel Update

- Abel mine continues on Care and Maintenance
- Newcastle Mines Rescue Completion was hosted by Abel Mine in July. This coincided with a test and review of the Abel Pollution Incident Response Management Plan.

Environmental Update

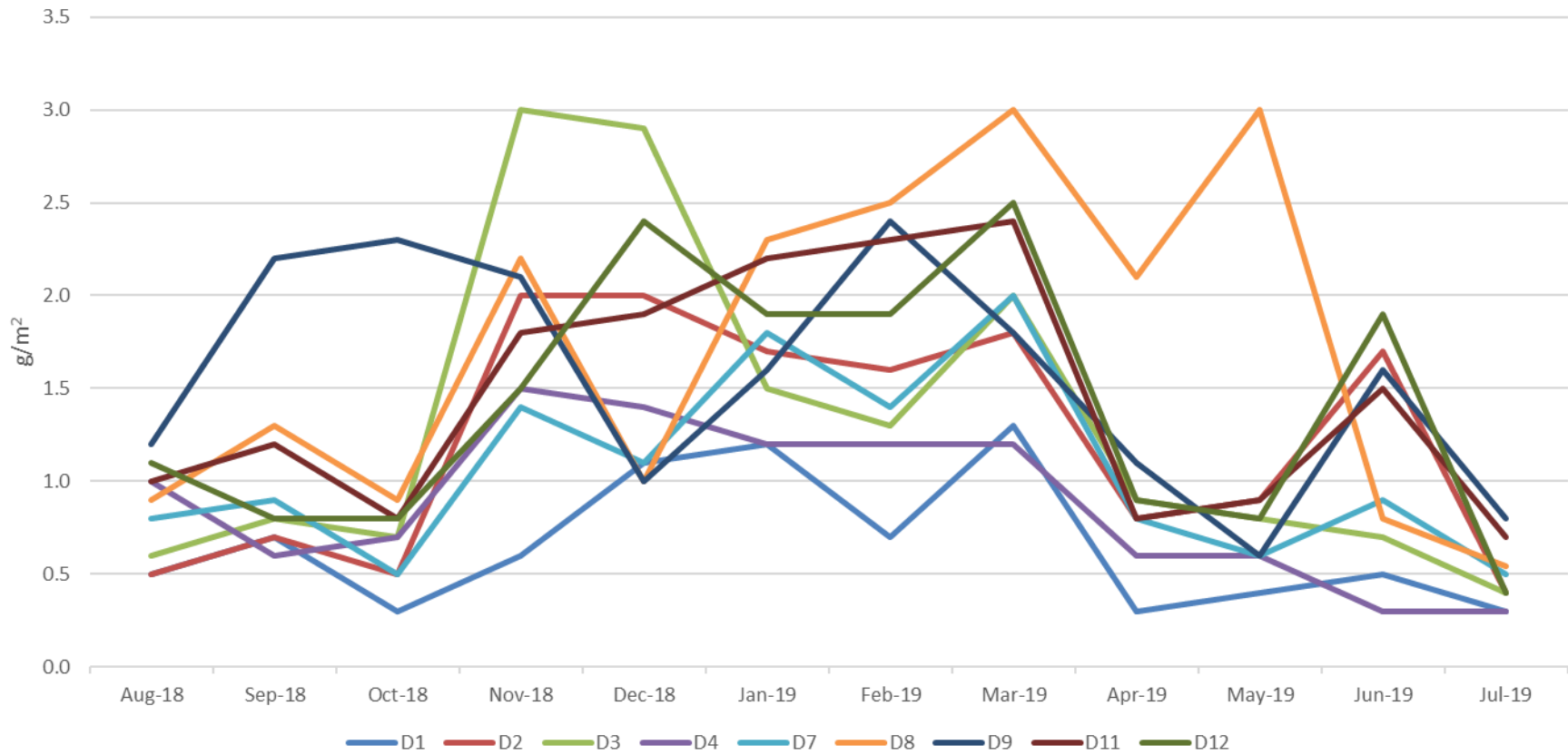
- No Community Complaints received
- No Environmental Incident reported
- Flora and Fauna, Air Quality, Aboriginal, Pollution Incident Response, Noise, Rehabilitation, Waste and Several Management Plans have been updated to reflect current activities at Abel. This includes the: Water, Flora *Tetratheca juncea* Management Plans.
- The Resource Regulator has requested Abel develop a Closure Strategy for Abel Mine focusing on the long term landuse of the West and Square Pits.
- Macro invertebrate sampling conducted in July. No change in Macroinvertebrate trends.
- Abel has recently submitted the Environmental Protection Licence Annual Review to the EPA.

Environmental Monitoring Update

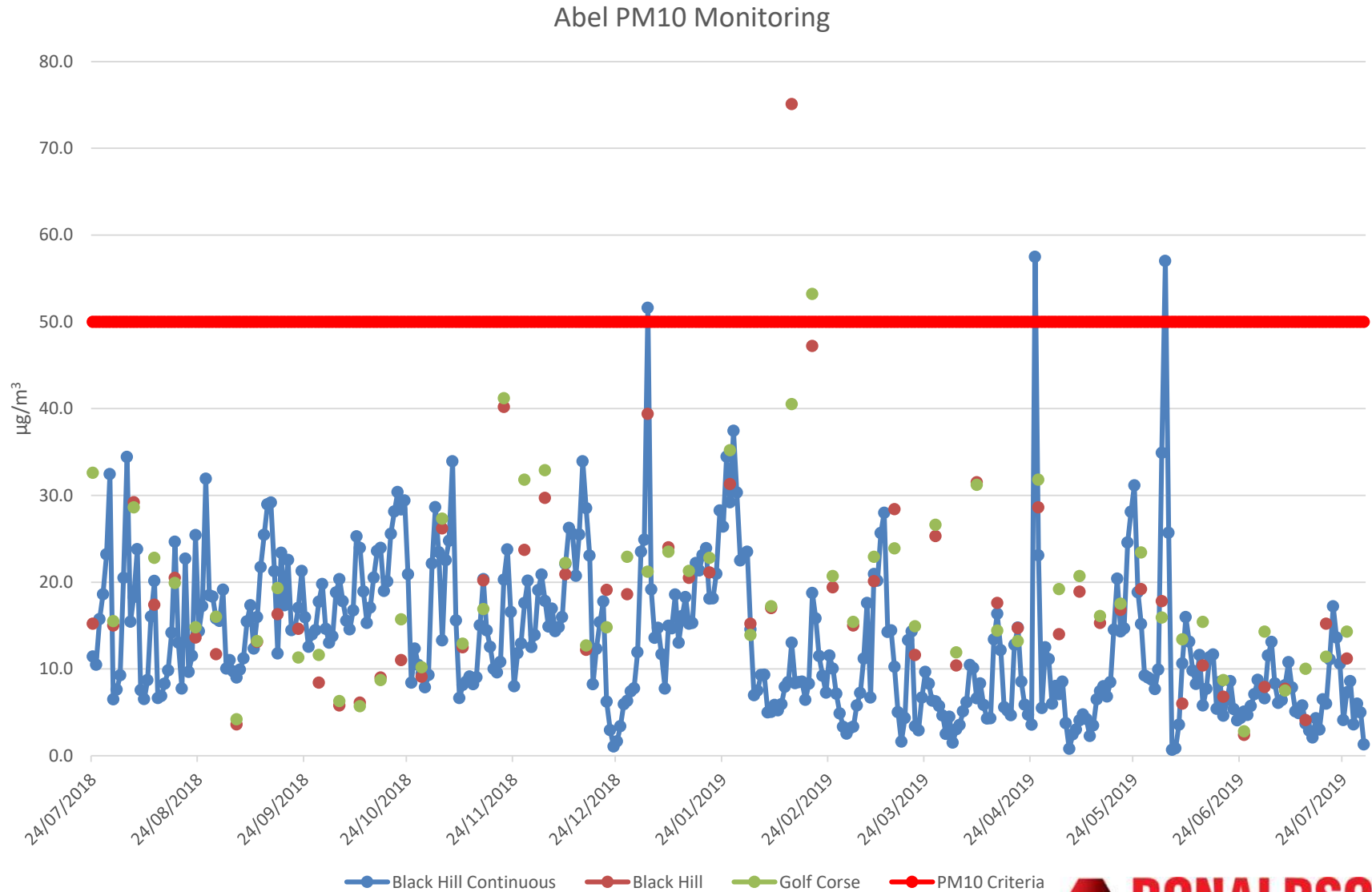


Dust Deposition

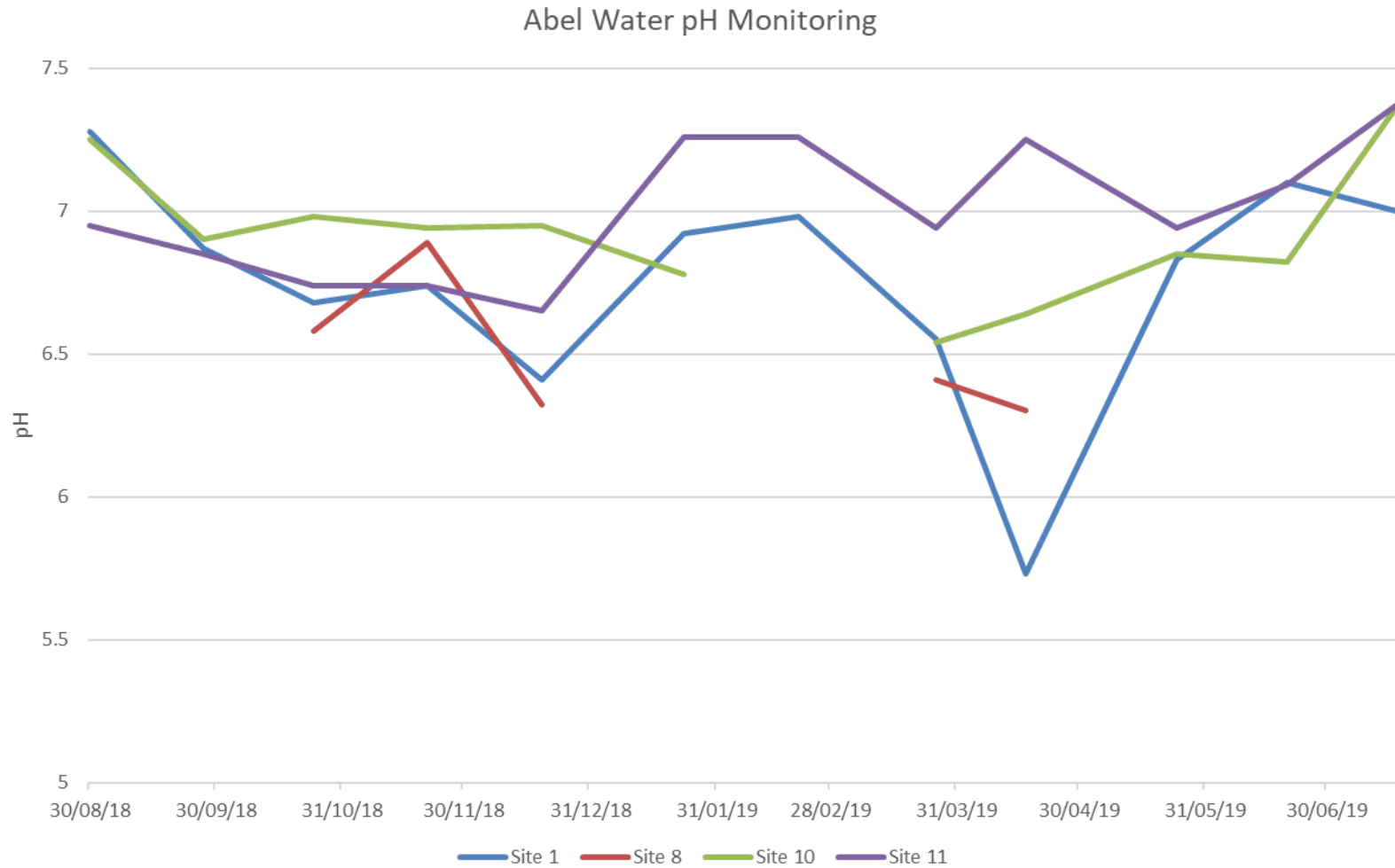
Abel Dust Deposition



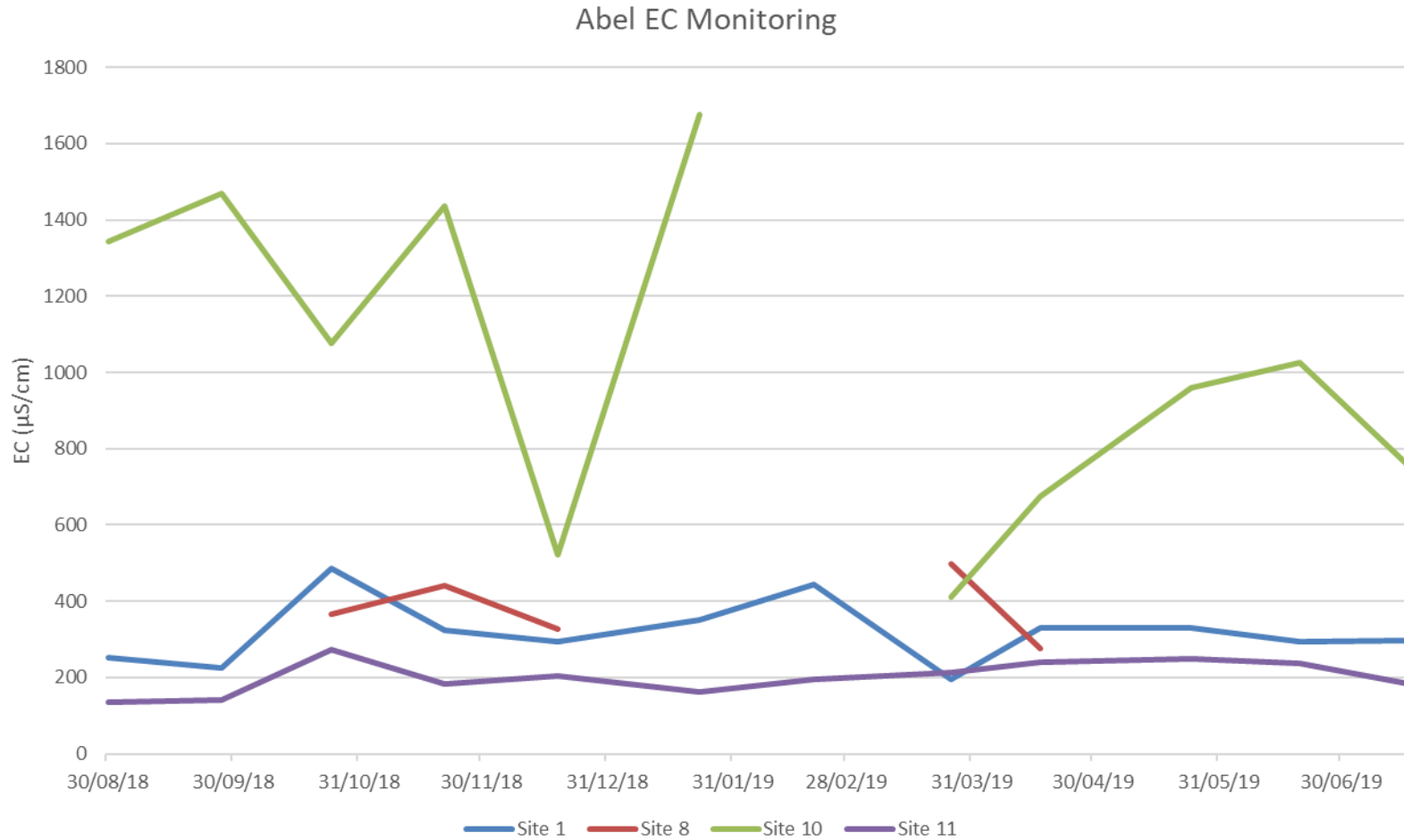
Abel PM10 Monitoring



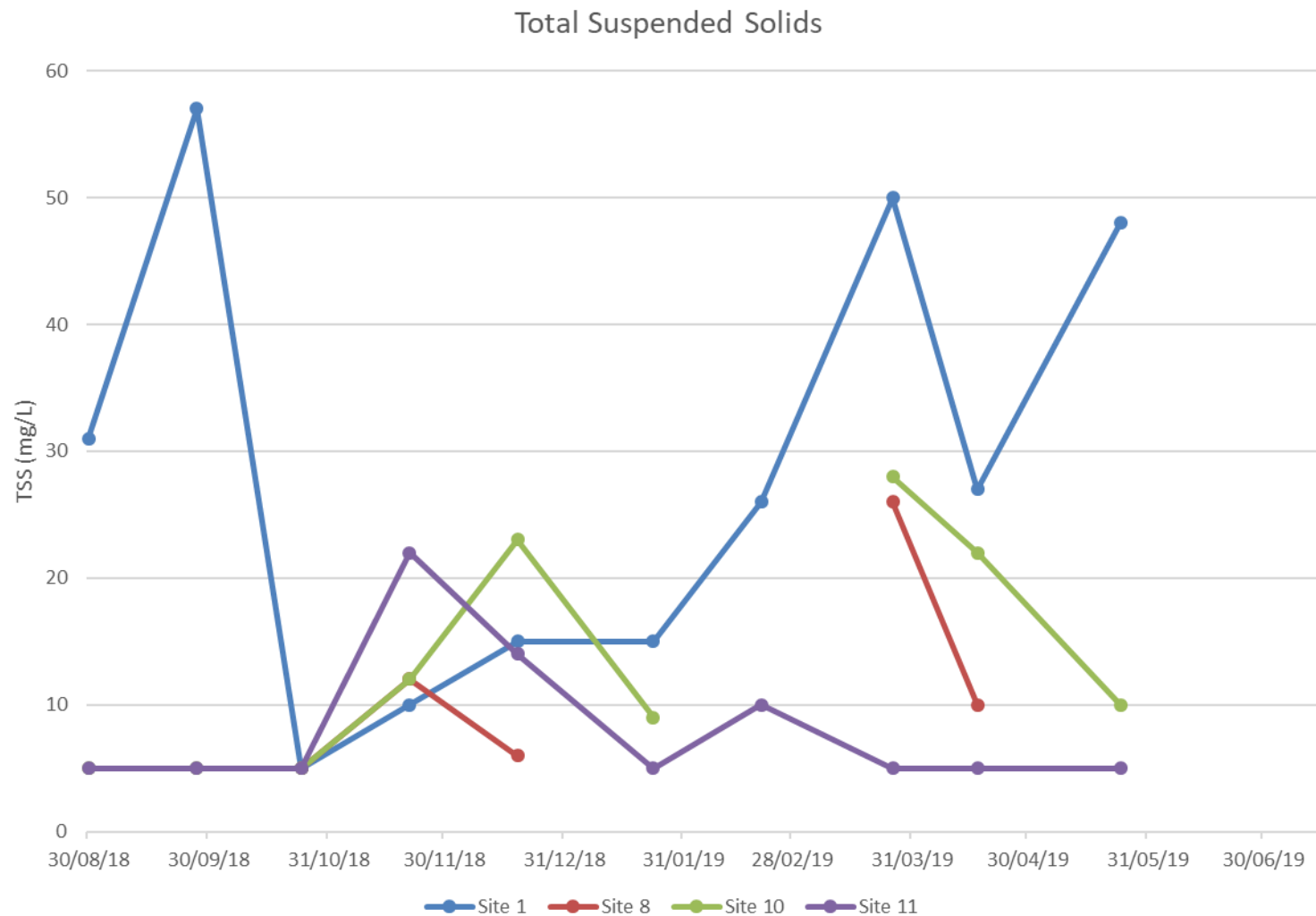
pH Monitoring



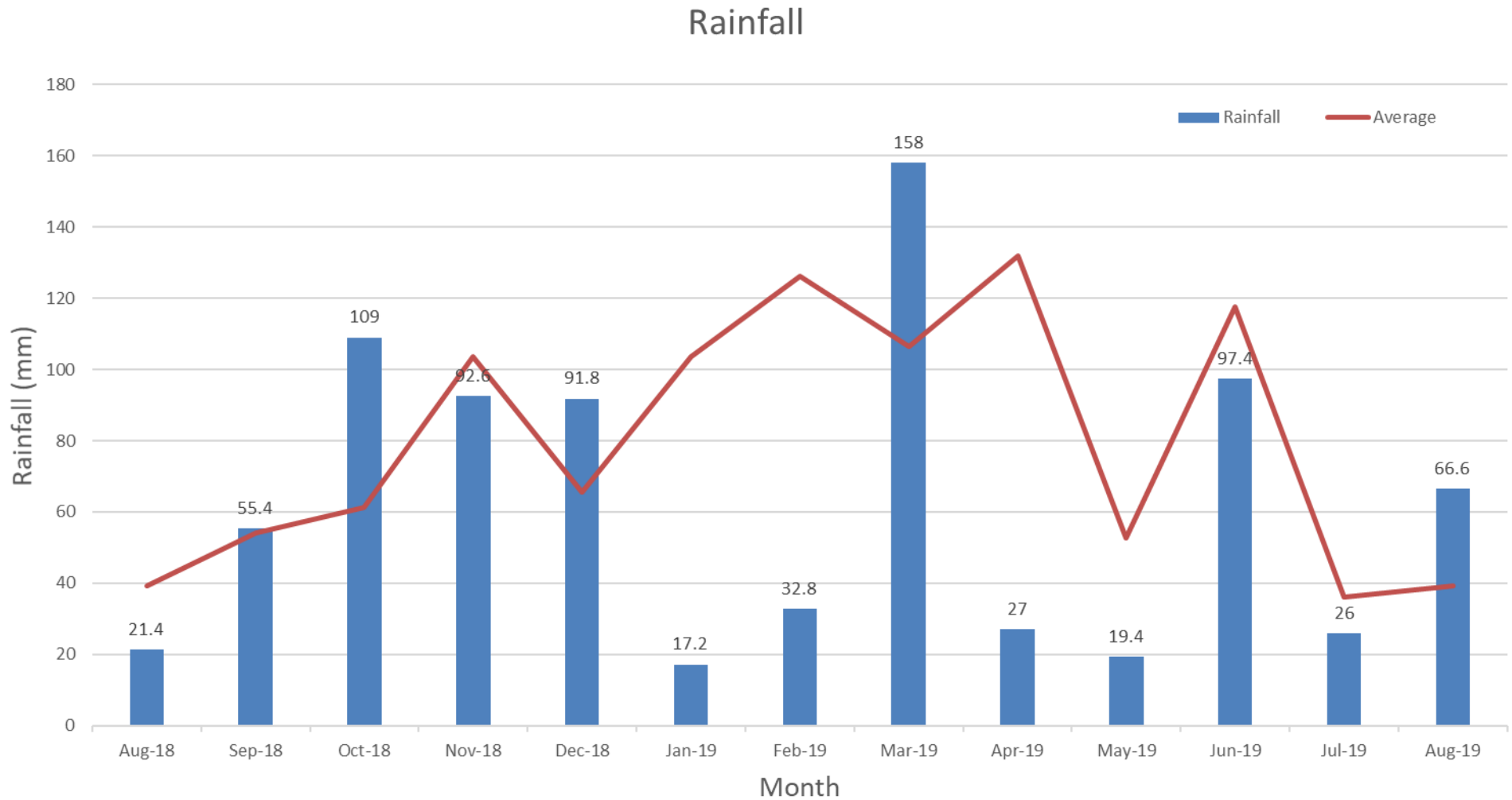
Electrical Conductivity Monitoring



Total Suspended Solid Monitoring



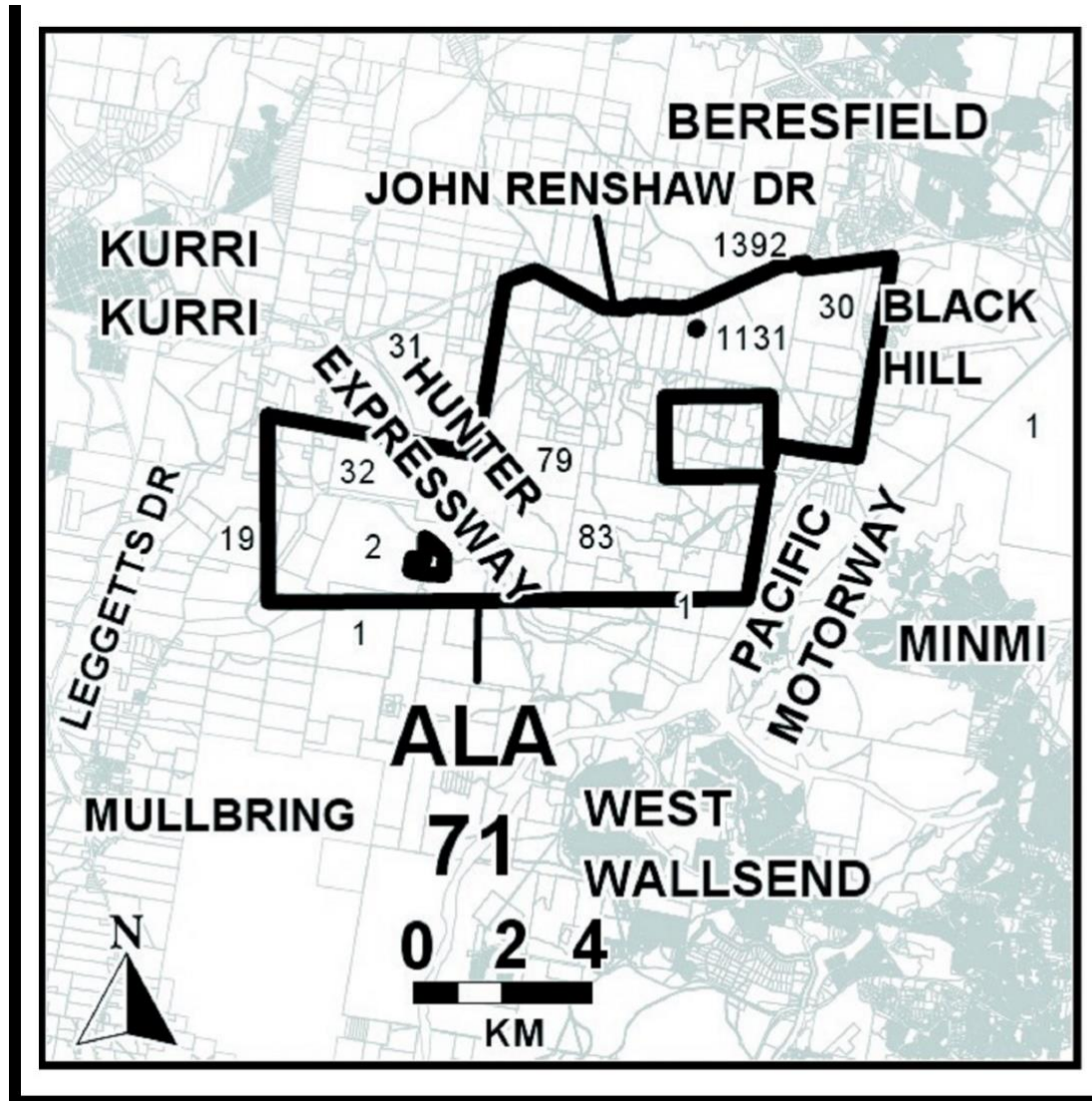
Abel Underground Coal Mine Rainfall – 2018/19



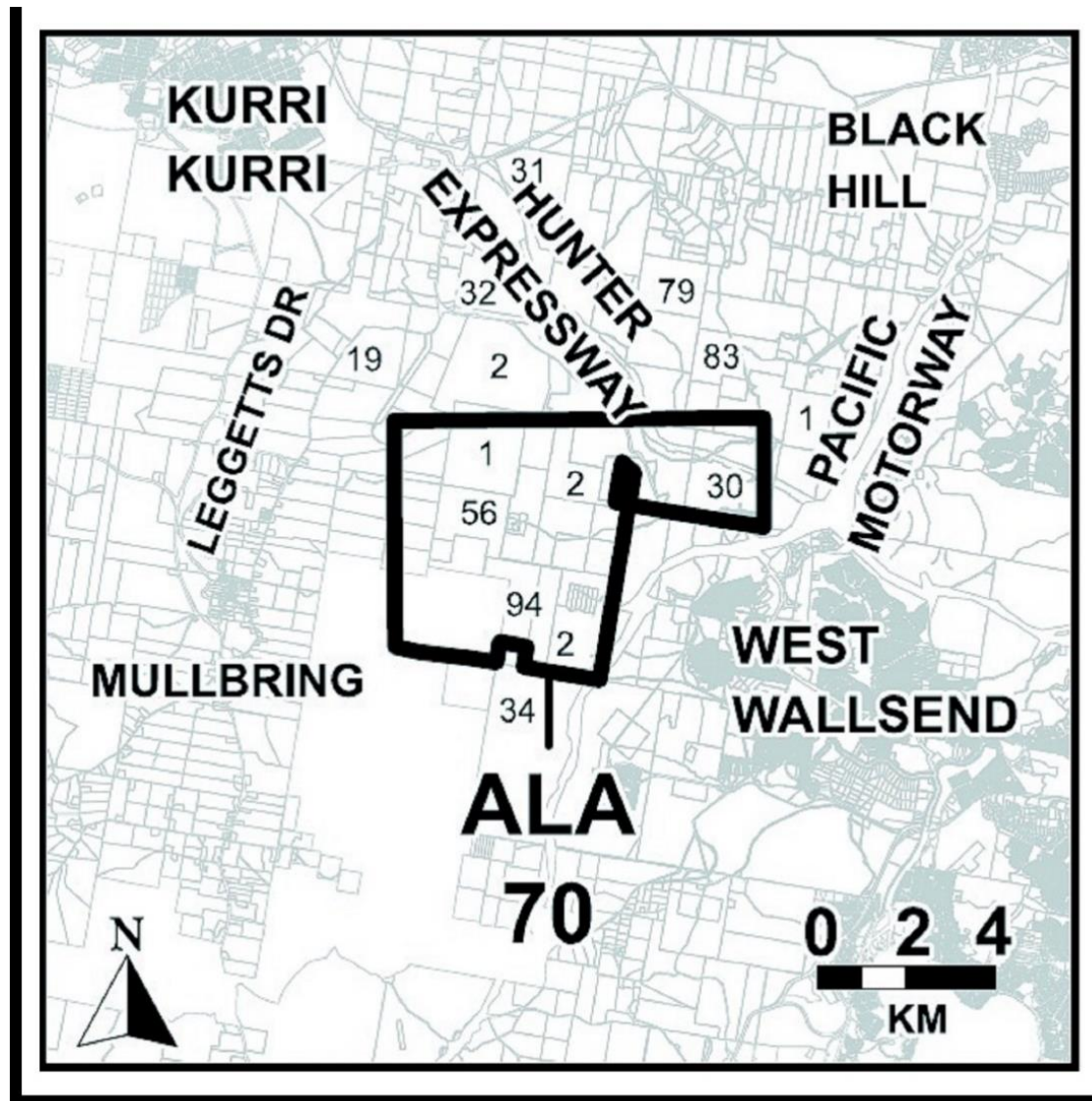
Property Update

- Inspections adjacent to Avalon Estate. Slashing to occur in September to reduce the bushfire risk.
- Illegal access points continue to be blocked onsite. A spate of copper cable theft over several weeks resulted in Able camera footage leading to several arrest.
- New fencing planned to be installed along John Renshaw Dr in coming months.

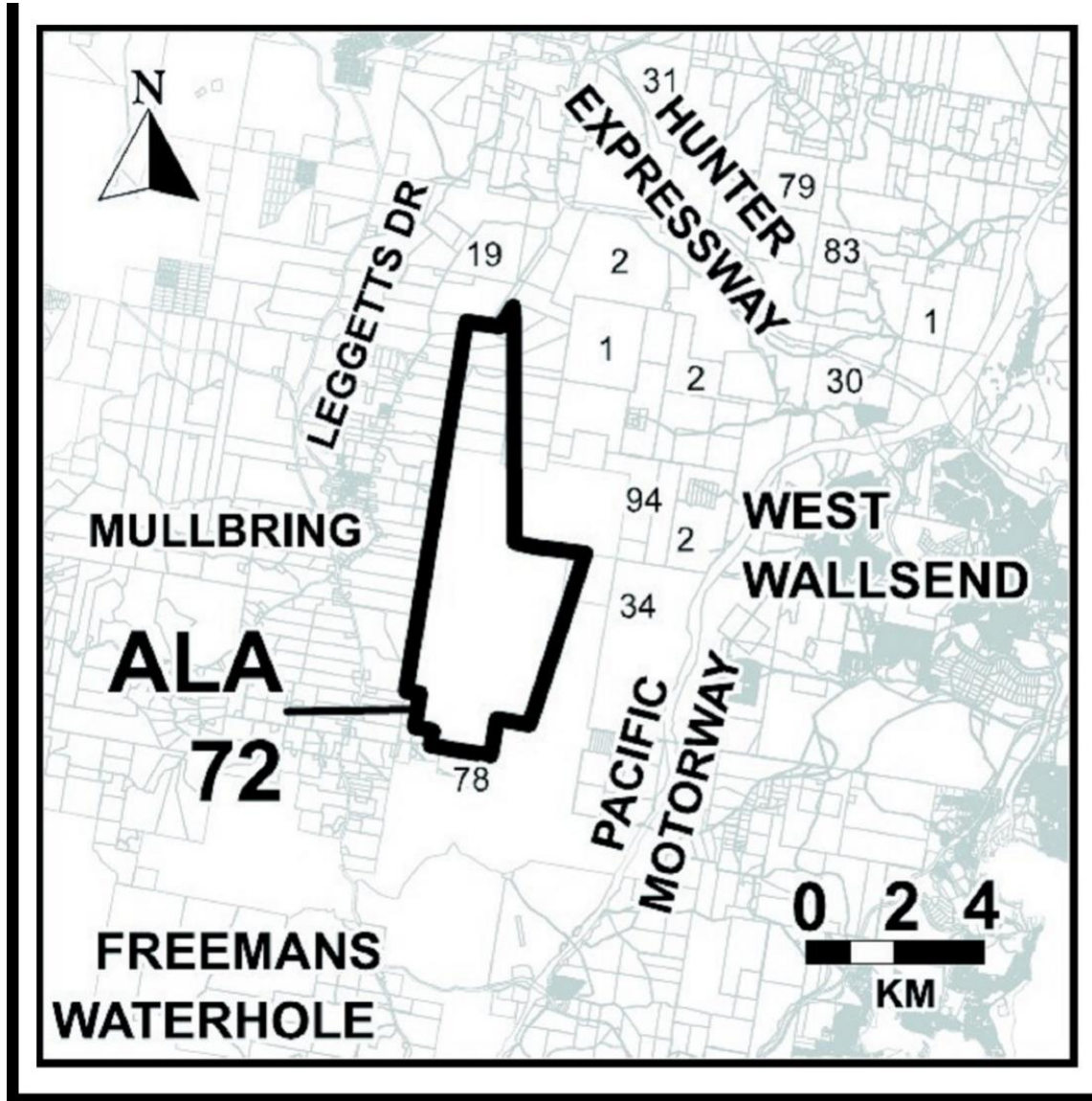
Assessment Lease applications



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Donaldson Conservation Trust

- Set up as a statement of commitment for the Abel project approval.
- Donaldson Coal set aside \$1million
- Promotes within the Trust Conservation Area:
 - Environmental education
 - Environmental research
 - Environmental management works
 - Work or activities within any state conservation area within the Trust

- Funds spent:

\$ 175,000.00	City of Newcastle
\$ 535,702.00	Newcastle University
\$ 49,500.00	Conservation Volunteers
\$ 11,000.00	wetland care Australia
\$ 5,500.00	office environment and heritage
\$ 257401.00	RVTR agreement with NPWS

Donaldson Conservation Trust

- Environmental monitoring in Pambalong Wetlands
- Wetland Care Australia – weed control in Pambalong wetlands
- a study of Blue Gum Creek Catchment to assess the level of contamination of water hyacinth and prepare a management plan to eradicate address the hyacinth
- Flora Assessment of the RVRT by Callum Vizer
- Trust contribute \$5,000 towards a biodiversity day
- provide financial support to assist with the preparation of the Environmental Impact Statement (EIS) up to the value of \$175,000 for the RVTR
- December 2014, the DCT provided \$7,200 for an independent aquatic weed survey for Pambalong
- \$20,000 to support an ecological and ecotourism assessment of the Richmond Vale Railway was funded by the Trust.
- agreed to support the research proposal of The Tom Farrell Institute for the Environment, University of Newcastle, for 2 years. The project was to develop over two years, a research and education program that would deliver sustainable conservation and biodiversity initiatives and sustainable development, including ecotourism, in the 10,000 hectares of the DCT area.
- Agreement with NPWS - **Midtrail Precinct** For several years, DCT's activities have been consolidated around themes related to the proposed Richmond Vale Rail Trail (RVRT). The Project to be funded by this Agreement is consistent with the Trust Objectives and with DCT's overarching goal to jointly enhance and promote conservation-oriented integrated regional development of the RVRT and the Stockrington SCA.