

Dawson Field 2

Create fourteen 1-hectare catchments, each equipped with runoff measurement and water quality sampling system. Evaluate environmental and management factors on hydrology and water quality.



1. Aerial image of the Dawson Field Property with paddock map overlay.
2. Installing solar panel and datalogger at one of the paddocks.
3. Flume, runoff sampler, and transducer installed and wired up.
4. Composite water sampler - designed and constructed on site. Good potential for technology transfer once evaluation is complete. Replaces expensive samplers.
5. Centipede sod was laid around the 14 flume areas to make maintenance easier, too much vigorous weed growth otherwise.
6. The finished product. Five significant runoff events were recorded and sampled in the first six months after completion.