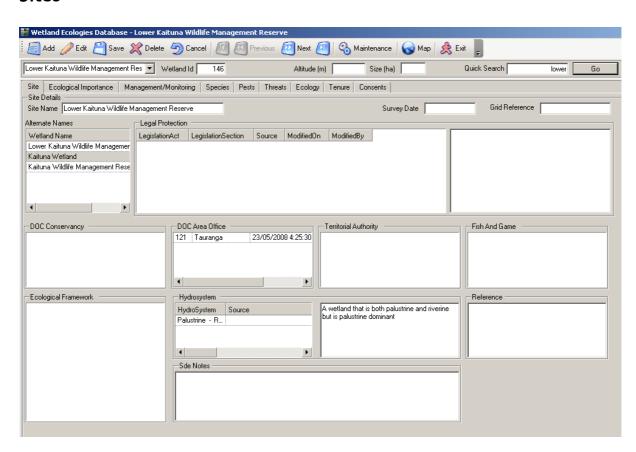# Environment Bay of Plenty's Freshwater Wetland Database

Environment Bay of Plenty's Freshwater Wetland Database holds data relating to freshwater wetlands, collected at different times for purposes including from SNA and PNA reports and field visits. The database has been migrated from Access to dot.net.

Below are screen shots of the main interface. The database also provides tabs for other values (recreational, cultural etc), Hydrology, and Land cover (catchment analysis, how much land forested etc).

The database has some spatial integration enabling some linking between maps and site records, and vice versa.
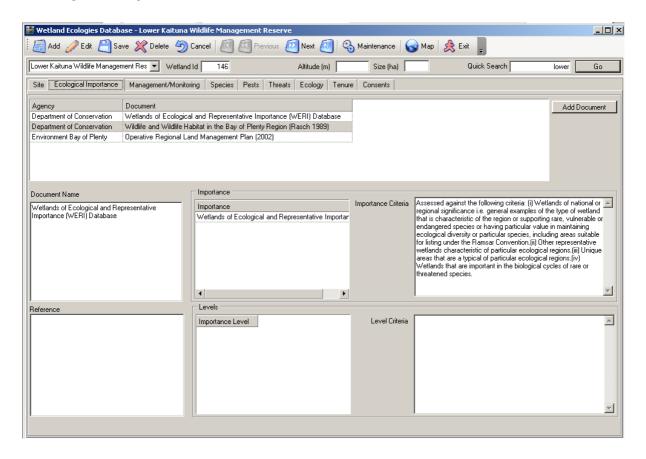
The system uses the data depreciation system described in the showcase item EBoP System Manages Data Quality Ratings and Depreciation to deal with data of different quality and collected for different reasons using different methods by different people.
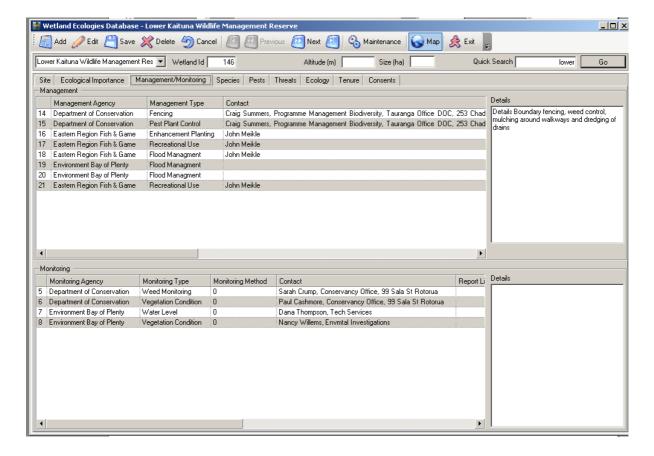
Sites

Several of the fields are populated spatially (DOC Conservancy, Fish and Game, Ecological frameworks = Ecological District, LENZ...).
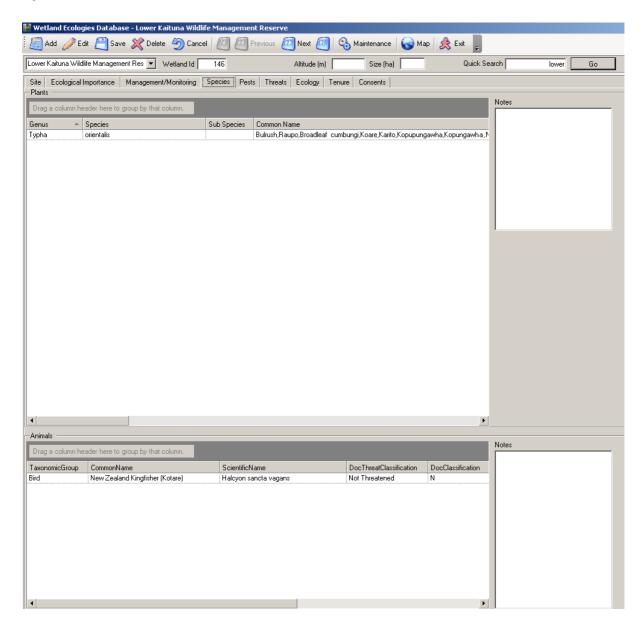
Ecological Importance

Includes any document the site has been identified in and whatever ranking system and rank it go. Also describes the assessment criteria.
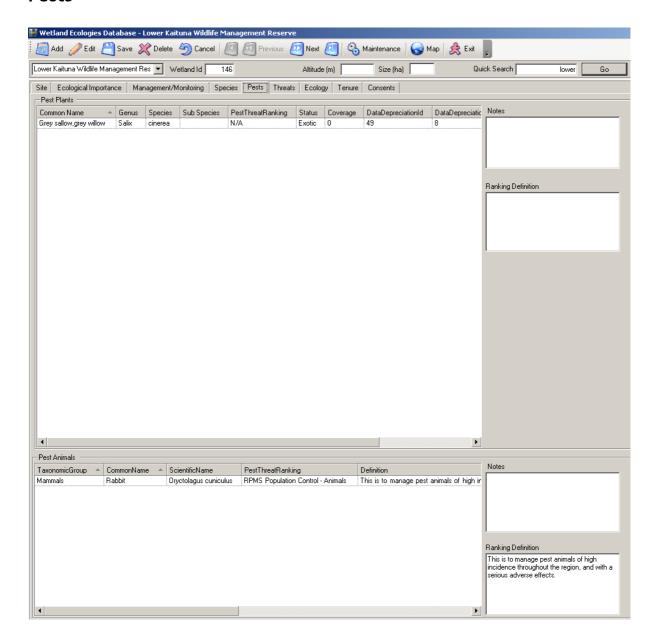
Management/Monitoring

Includes the frequency of monitoring and will link to relevant reports, documents, spreadsheets. The addition of reminders is planned.
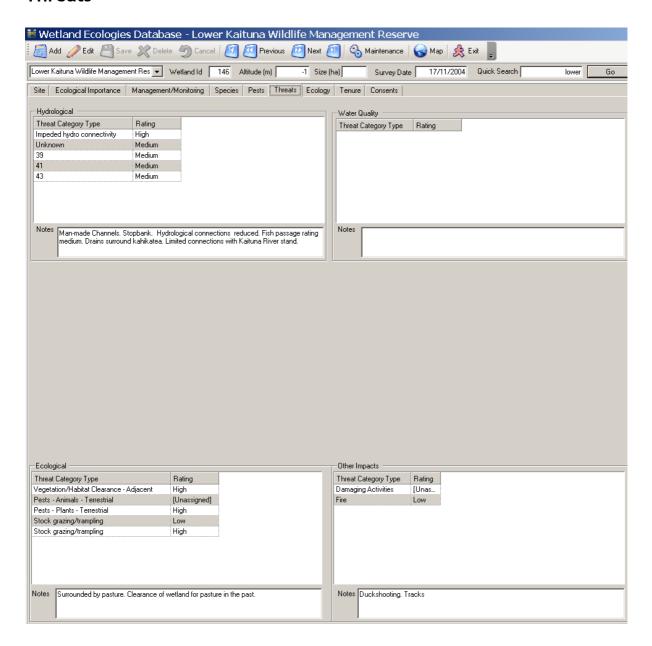
Species

Species

The plants list links to the Landcare Plants database so we always get the right names. Also includes threat classifications.
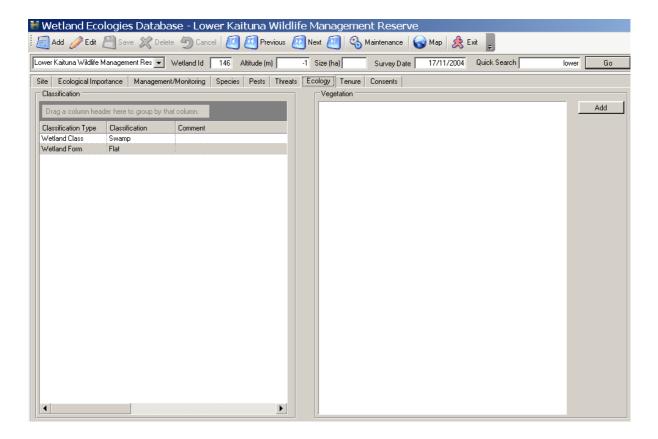
Pests

Includes Regional Pest Management Strategy or National Pest Plant accord designations for some pests.
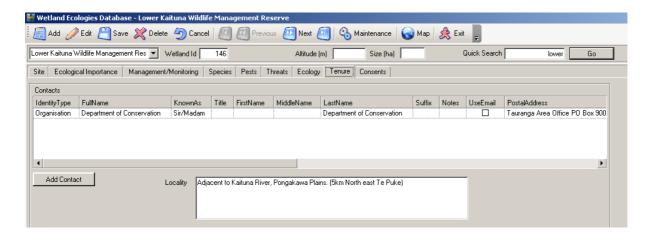
Threats

Rating is subjective.

Ecology

Wetland type, landform, and nutrient status. Probably could include other stuff here. The Vegetation field will include the information from vegetation mapping of wetlands and will have a direct link to GIS that will show these vege types.

Consents

Connects with EBoP's consents database and where available gives a pdf of the consent conditions.

Tenure

Gives the owner of the site, and provides for contacts information where the owner doesn't manage the land. So there's space for the lessee and also for the manager to identify who you would talk to to arrange access for example.