

PHOTOGRAPHS SHOWING DEVELOPMENT PROGRESS

May 2014



Final discharge pond with central island in background



View to the east towards quarry entrance





Native cabbage trees (3-4 years old) grown from collected seeds



View towards quarry from Pond 2





View from top of "island" towards quarry entrance



Flat topped boulders serve as picnic tables





Pond 1 showing levee and pastoral land (Buckley farm) in background



Cabbage trees starting to flourish





Access road crosses rock culvert filter between Ponds 1 and 2



Bacteria living on roots of the Raupo rushes
are very effective nitrate removers



Birds



Pacific swallows can be seen flitting over Pond 1



NZ Scaup (Black teal) have made the wetlands their home





White faced heron are also regularly seen



Pukeko (swamp hen) roosting on log.

Pūkeko are probably one of the most recognised native birds in New Zealand with its distinctive colourings and habit of feeding on the ground. It is found all over New Zealand. Commonly seen along marshy roadsides and low-lying open country, the bird's range has increased with agricultural development. Unlike many other native birds, the pūkeko has adapted well to new habitats, such as grassed paddocks, croplands and even city parks, a necessity brought about by disappearing wetlands. However, the pūkeko is essentially a bird of swampy ground, lagoons, reeds, rushes and swamps.

