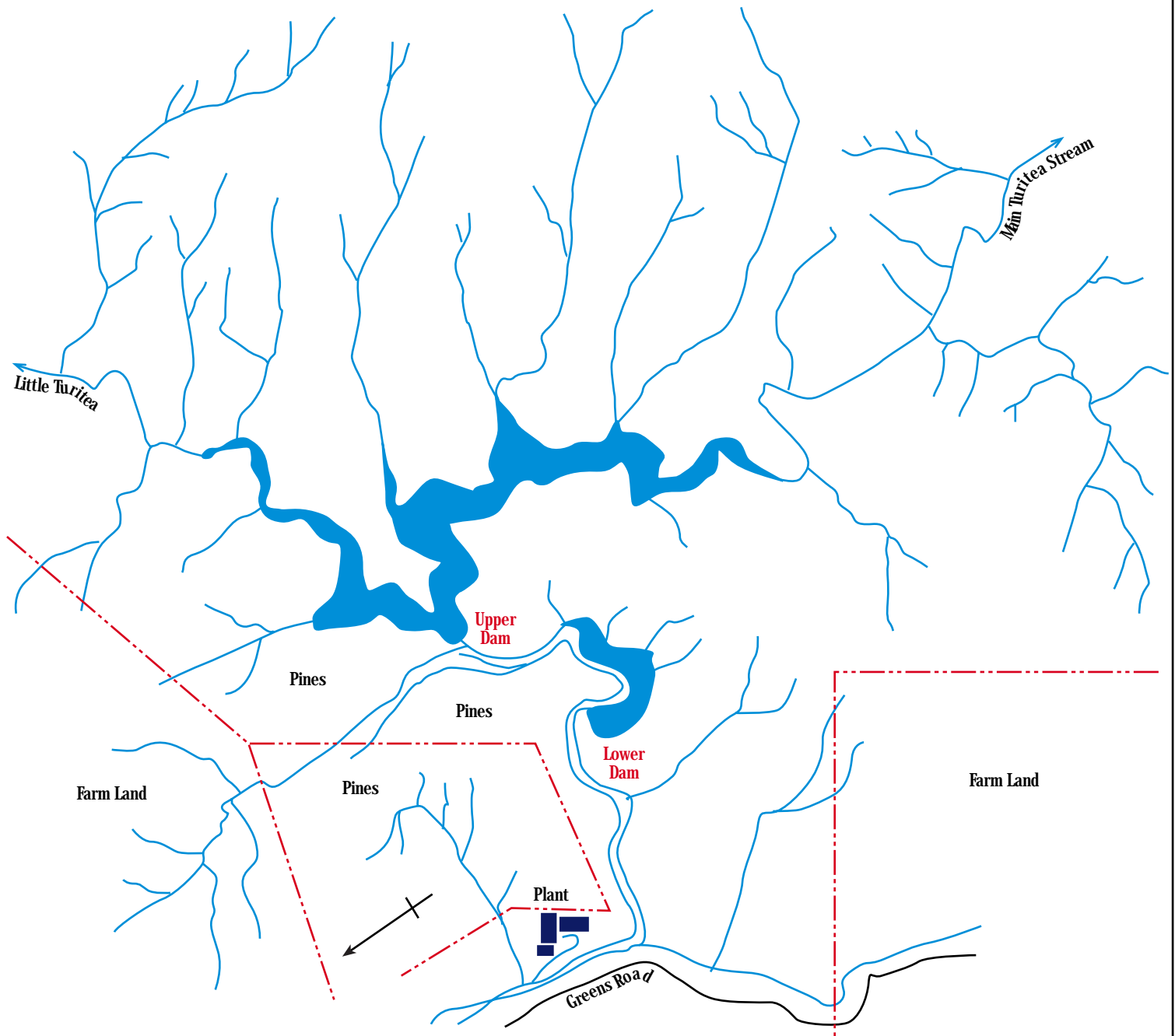


Turitea Upper and Lower Dam Specifications

CityWATER



UPPER DAM SPECIFICATIONS

Type:	Concrete arch with gravity concrete abutments
Constructed:	1957
Structural height:	39 metres
Hydraulic height:	30 metres
Mass concrete in dam:	9120 cubic metres
Catchment area:	2300 hectares
Reservoir area:	12 hectares
Reservoir capacity:	1,682,000,000 litres
Spillway capacity:	500 year flood
Earthquake capacity:	Maximum Credible Earthquake

LOWER DAM SPECIFICATIONS

Type:	Concrete faced Rockfill Dam
Constructed:	1907, 1912, 1996
Structural Height:	20 metres
Rockfill Volume:	37,000 cubic metres
Reservoir capacity:	280,000,000 litres
Spillway capacity:	Probable maximum flood
Earthquake capacity:	Maximum Credible Earthquake