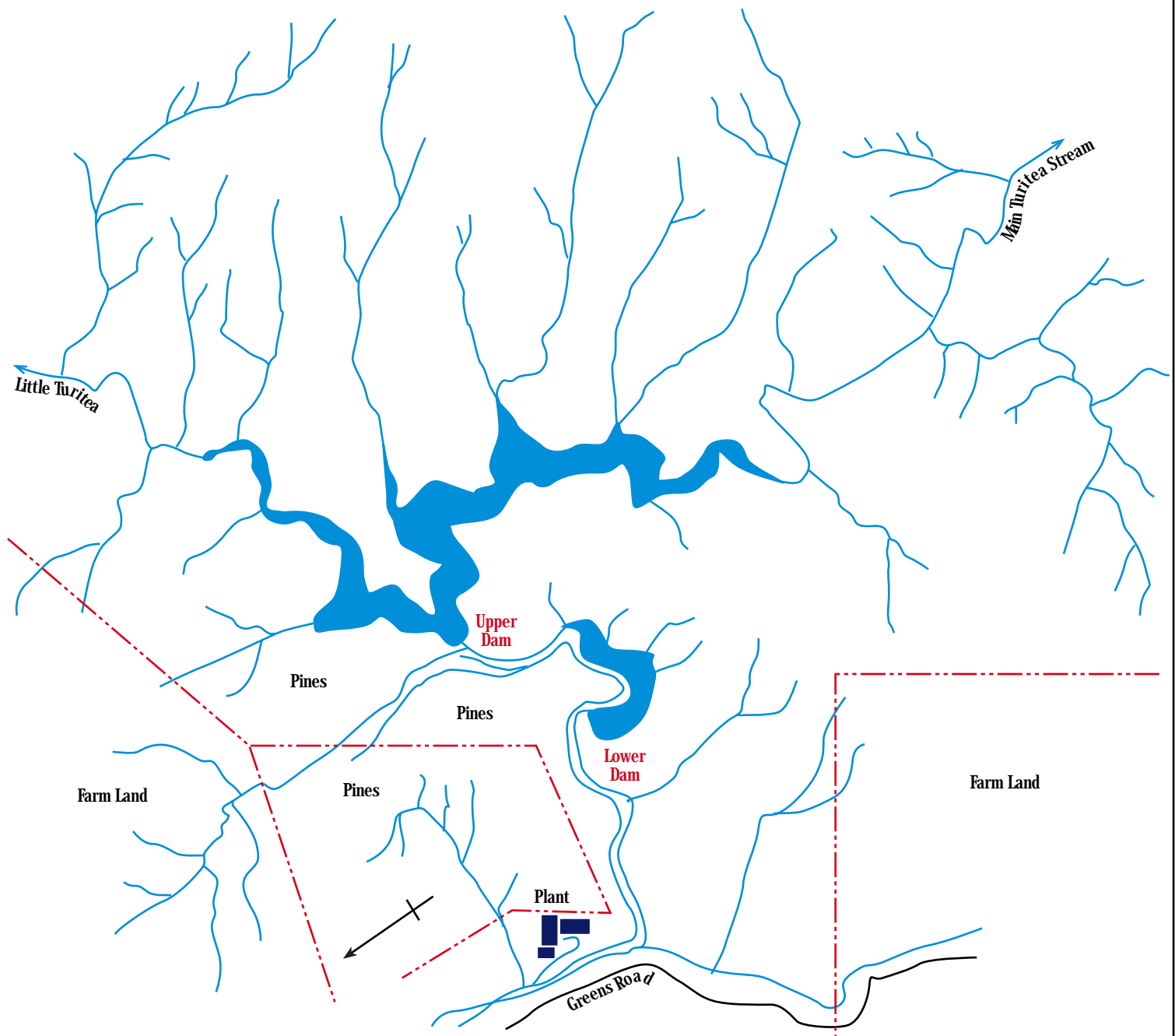


Turitea Upper and Lower Dam Specifications

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 |