

What we're doing

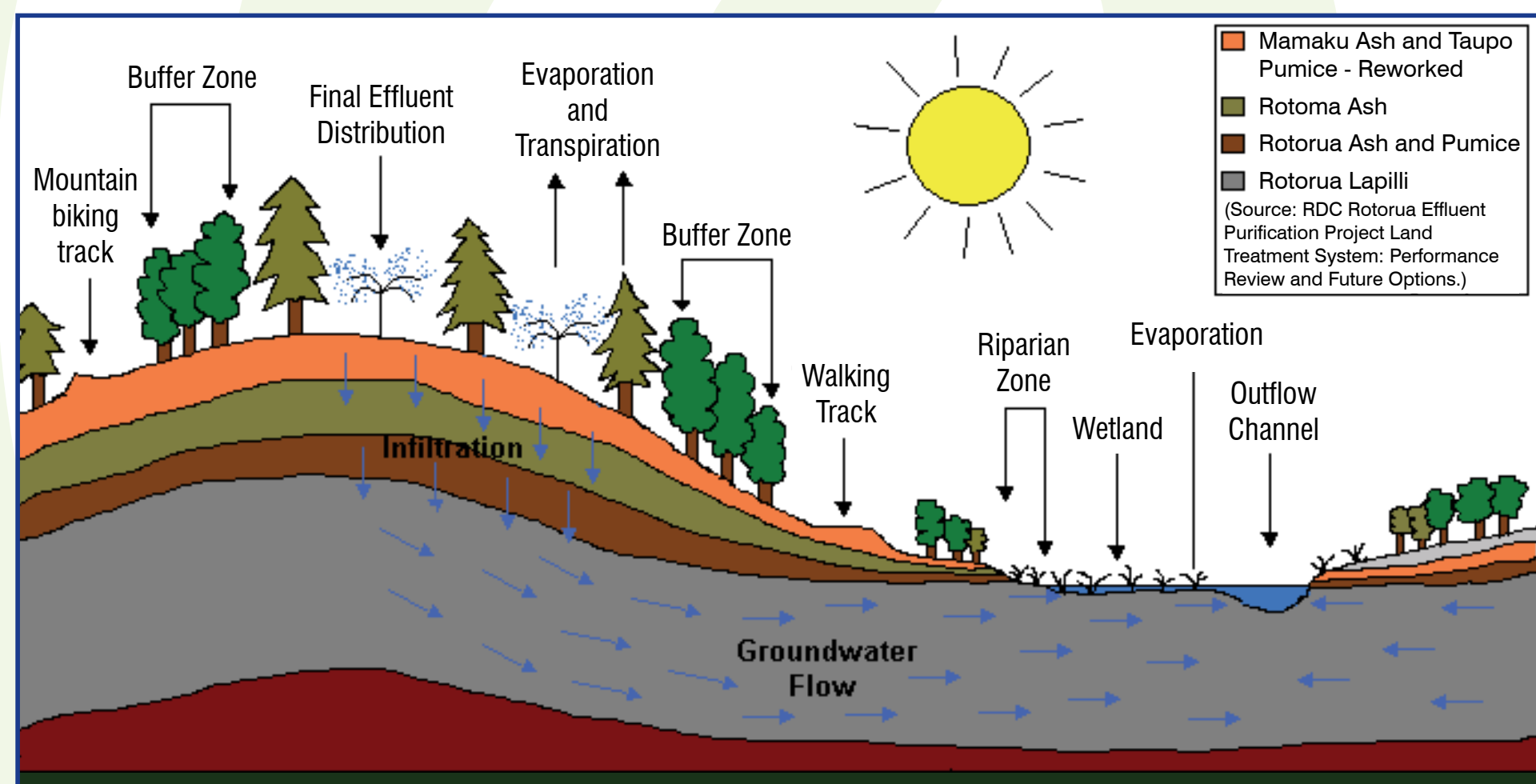
WASTEWATER TREATMENT PLANT

ROTORUA'S WASTEWATER

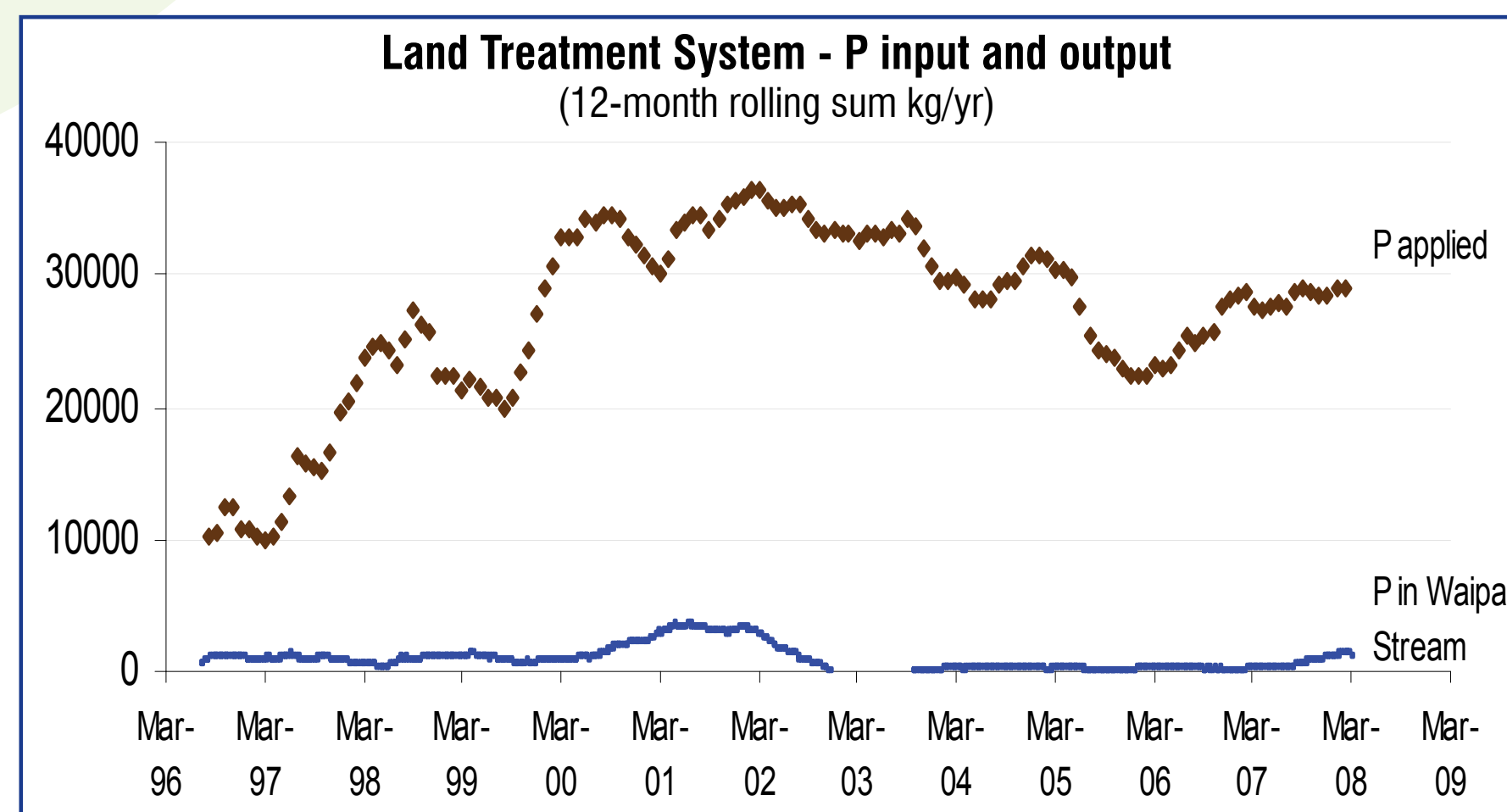
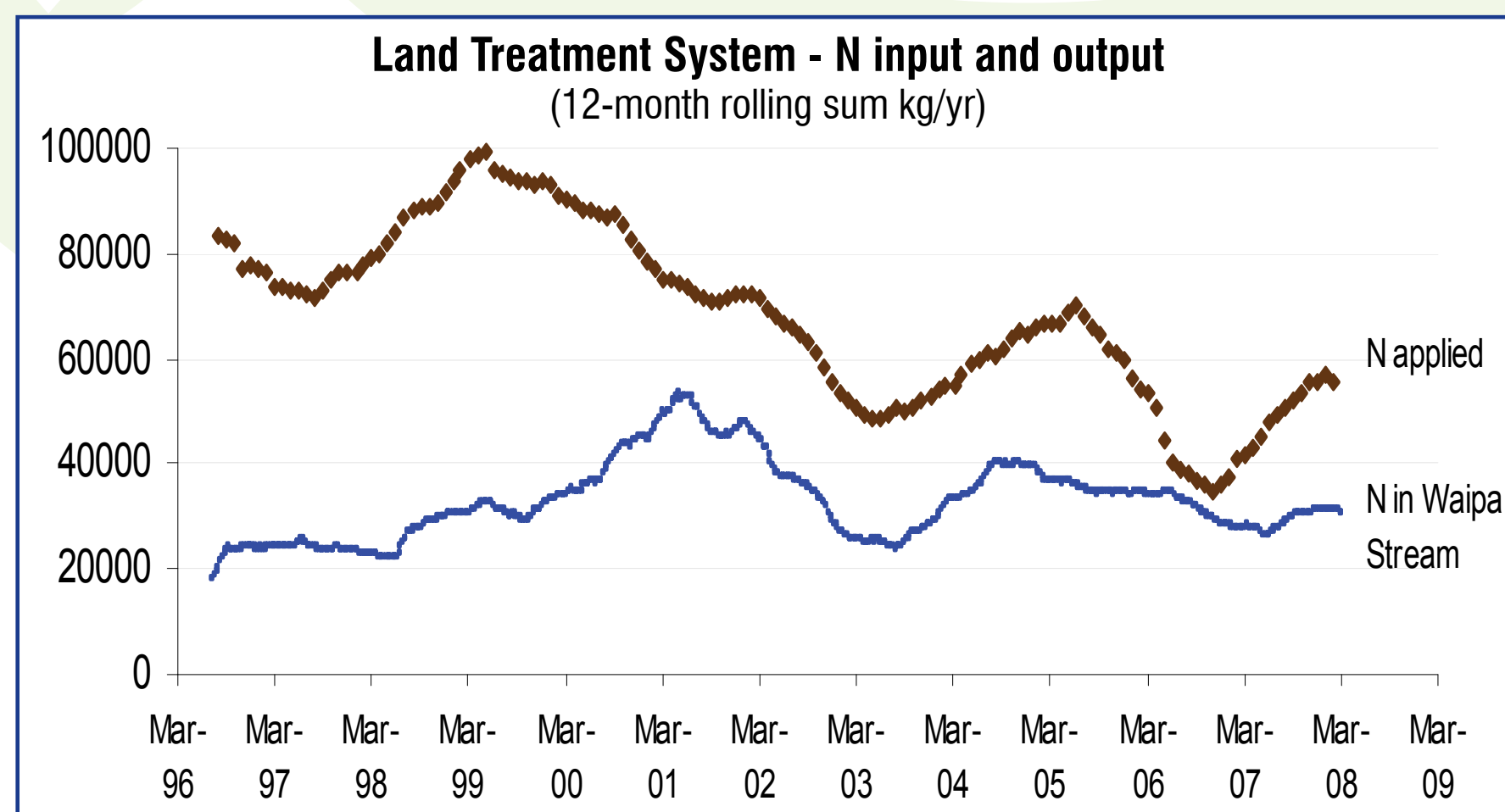
Lake Rotorua Nutrient Inputs

	1984-85 Tonnes per year	2007 Tonnes per year
Phosphorus(P)		
Treated sewage	34	1.5
Streams	34	34
Nitrogen(N)		
Treated sewage	150	33
Streams	415	660
Septic tanks	10	

To reduce nutrients going to the lake, treated effluent from the Wastewater Treatment Plant is now irrigated onto a Land Treatment System.



Amount of nutrients applied to the forest and then exported to Lake Rotorua



- 90% of the nitrogen in Rotorua's sewage is removed – 80% by the Treatment Plant and 10% by land treatment.
- 97% of the phosphorus in Rotorua's sewage is removed – half by the Treatment Plant and half by land treatment.

Each year 19,000m³ of sewage goes through the reticulation system to the Wastewater Treatment Plant.

