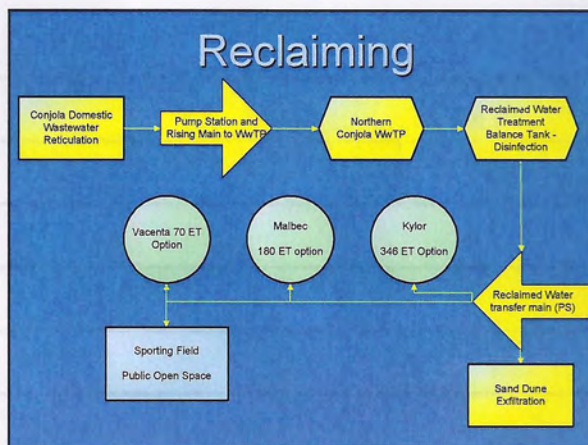


Appendix B

Recycled Water workshop overhead, 2007

Manyana Reclaimed Water Supply – Dual Pipe

- Deliver reclaimed water for non-potable re-use in garden watering, sports field irrigation and toilet flushing
- Adjacent to the reclaimed water transfer main
- Save up to 50 million litres a year
- Class A Recycle Scheme



208 ET[?]

Reclaimed Water Demands (Peak)

Lot size	Normal Conditions (L/d)	Drought Conditions (L/d)
600	600	913
750	905	1324

WwTP provides 563 kL/day (currently) –
966 kL/day (ultimate)

Normal demand 460kL/day for 611 lots (ET)

Drought demand 666 kL/day (Balance tank)

Supply Systems

AREA	Equivalent Property (ET)
Sporting Field	15
Malbec	180
Vacenta	70
Kylor	346

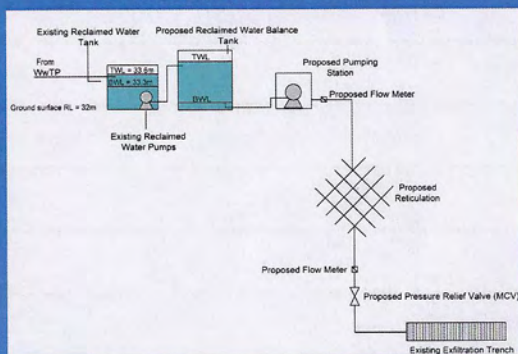
5 611

Reclaimed network



red depth
blue pipe

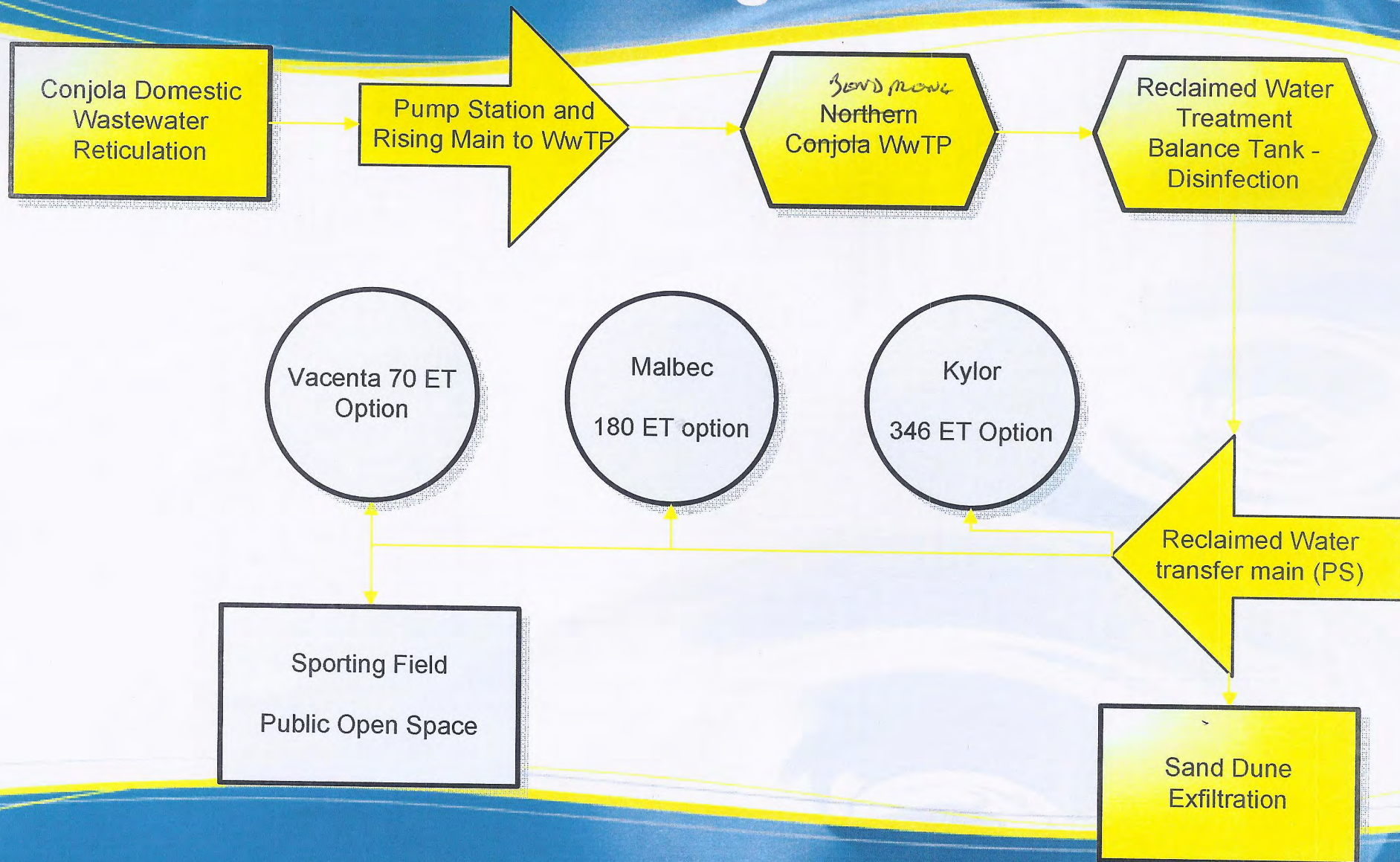
Pressure Network (Pump VSD 52 L/s) Minimum pressure 15m – 0.1 L/s/t





MWH

Reclaiming



Handwritten signature

