

Unbilled Author Red Gorovastics (Intellegically University)

Real losses or Leakage is the:

Water escaping from the distribution network before reaching the customer

This is usually in the form of leaks from the:

• Transfer and distribution pipes;

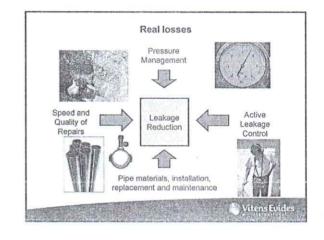
• Joints and fittings including air valves, hydrants etc;

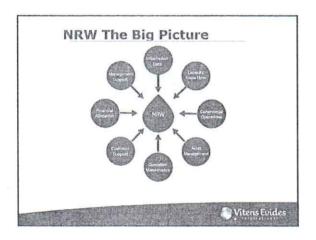
• Service reservoir floors and walls;

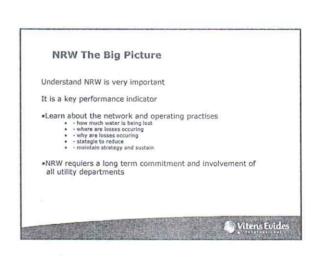
• Reservoir overflows; and

• Service connections up to the point

of customer boundary or meter.







Prioritising NRW Reduction

- Commercial losses represent a loss of potential revenue due to water being consumed but not paid for.
- For every cubic metre of water unbilled, the water company loses the opportunity to collect money for that water.
- Leakage represent a loss of operational and capital expenditure; i.e. the cost of treating and supplying the network with the lost water.
- Generally, there is a greater financial return on reducing commercial losses than for reducing the equivalent physical losses.
- However, the water available from reducing leakage will soon be needed for revenue consumption
- ·Therefore, the priority is to reduce leakage



