



Wyong Shire Council

Recycled Water Pricing

31 March 2006

Current Effluent Reuse

- **Bateau Bay – 1.8ML/day for irrigation**
 - Tertiary Treatment
 - Connections:
 - Tuggerah Lakes Golf Club
 - Bateau Bay Croquet club
 - Bateau Bay Soccer Fields
 - Bateau Bay Rugby League Fields

- **Toukley – 4.0ML/day for irrigation & non-potable residential use**
 - Tertiary Treatment
 - Connections:
 - Toukley Golf Club
 - Magenta Shores
 - Local Ovals (2)
 - Local Schools (2)
 - Local Bowling Clubs (2)

- **Small tertiary plants (0.3ML/day) for use in road construction**
 - Plant Locations
 - Charmhaven STP
 - Mannering Park STP
 - Wyong South STP
 - Gwandalan STP

Treatment Costs

- **Tertiary Treatment**
 - Irrigation of uncontrolled access sites
 - eg. golf course irrigation
 - 36 c/kL
- **Tertiary Treatment with Pathogen Reduction**
 - Use on residential sites
 - eg. Residential lawn watering / toilet flushing
 - 43 c/kL
- **Tertiary Treatment with Pathogen Reduction and Salt Reduction**
 - Use in commercial / industrial processes
 - 180 c/kL

Delivery Costs

- Private tanker pick up from treatment plant NIL
- Bulk delivery to golf course 27 c/kL
- Dispersed delivery to homes 39 c/kL



Scheme Costs

Treatment Costs (Bateau Bay) 42 c/kL

Treatment Costs (Toukley) 18 c/kL



Existing Agreements

Incentive to Use

Initial discount moving to full cost recovery

Developer Funded Works

Price recognises works provided by developers

Different Full Cost Recovery

Resulting from different scheme costs



Suggested Pricing Objectives

Principles

- Provide short term incentives to use effluent
- Target long term pay for use

Large Users

- Existing agreements continue
- New agreements negotiated

Diverse Users

- Common price for common level of service (extent of treatment or delivery method) irrespective of individual scheme cost
- Different prices for different levels of service



Sewer Mining

- Applicability and technology are currently being examined by Council
- No firm proposals at this stage
- Same Principles as effluent reuse would probably apply



Thank You