

# A changing environment and new challenges

Bill Bayfield  
Chief Executive  
Environment Bay of Plenty

# Te Arawa Lakes



# Tauranga Harbour



# Challenges

- Iwi expectations
- User expectations
- Public expectations
- Councillor expectations
- Our expectations of stormwater managers
- Planning
- Funding
- Maintenance
- Climate change





# Blurred boundaries



# Tauranga Harbour





# Sedimentation – silt discharge



# Tauranga Harbour





# Where sediment comes from

- Pastoral lands 63%
- Bushy, scrub and native 28%
- Exotic forests 5%
- Other bare earth 2%
- Orchard and cropland 1%
- Earthworks 1%

# Sound collaborative science



# Integrated growth management





# Catchment action plans

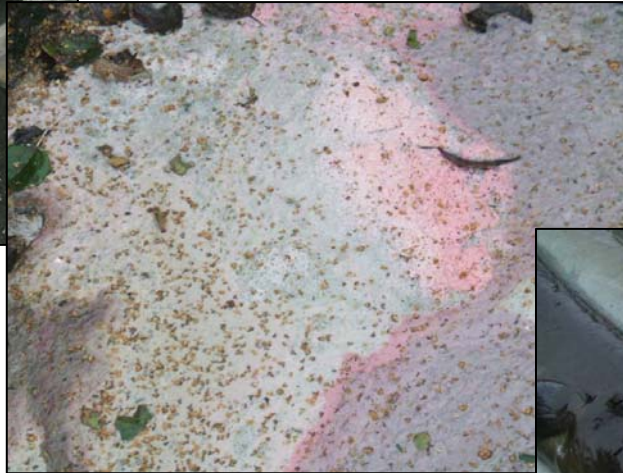


# Kaimai catchment





# Behaviour change





# Idiots





# Mangrove mulching



# Tauranga Harbour





# Lessons learnt

1. Listen to the expectations, recognise values
2. Good science, better information
3. You need a strategy
4. There are no boundaries
5. Plan long-term
6. Good tools
7. It's all behaviour change

# Our iconic natural assets



# Thank you

*Working with our communities for a better environment  
E mahi ngatahi e pai ake ai te taiao*