

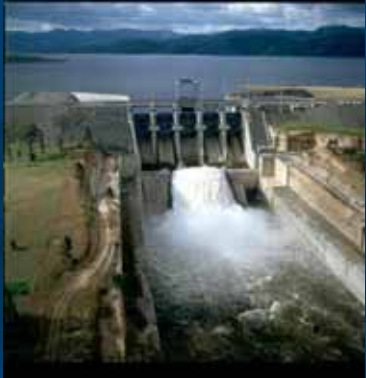
WIVENHOE ALLIANCE

ALLIANCING . . . DELIVERING OUTSTANDING RESULTS IN SEDIMENT CONTROL

Presented by
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WIVENHOE ALLIANCE **Wivenhoe Dam**



WIVENHOE ALLIANCE **Partners**



WIVENHOE ALLIANCE **Mission**

“This team will upgrade Wivenhoe Dam to ensure it can safely manage any conceivable flood in the best way for all concerned”

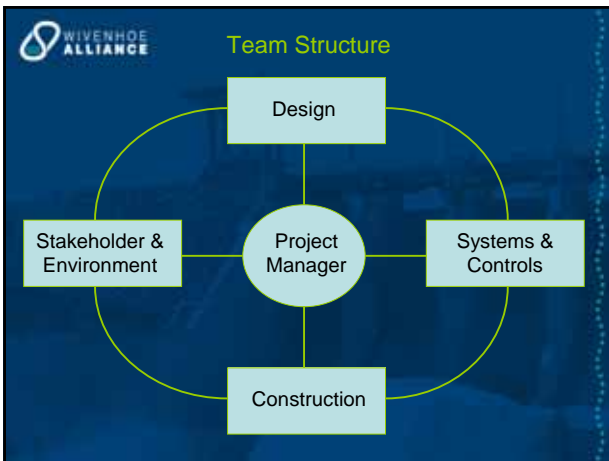


WIVENHOE ALLIANCE **SEQWater's Environmental Objectives**

- No negative impact on water quality
- Rehabilitate previous construction zone
- Set the erosion and sediment control standard for landowners
- Create environmental legacies

WIVENHOE ALLIANCE **Setting Targets**

| Minimum Conditions of Satisfaction | Breakthrough |
|--|--|
| Environment Meet all environmental requirements of regulatory agencies | Regulators acknowledge that we exceeded environmental requirements |
| Meet community expectations of no environmental harm from project implementation | Have left a lasting environmental legacy for the benefit of the community and enhancement of the dam amenity |



- WIVENHOE ALLIANCE** Risk & Opportunity Analysis
- Major Risks**
- Construction impact on environment/water quality
 - Environmental protests
 - EPA fines and delay to project
 - Declaration of a 'controlled action' under EPBC
- Major Opportunities**
- 'Design in' environmental enhancements
 - Educate local community
 - Fauna corridors

- WIVENHOE ALLIANCE** Focus on Innovation
- Alliance principles
 - Inductions
 - Brainstorming sessions
 - Awards
 - Monthly reports





Construction Initiatives



Sediment Discharge System



Legacies



Project Learnings

- Inclusion of EPA in planning and construction phases
- Training ground for EPA during construction
- Development of staff from theory to practice
- Incorporate in early phase of design
- Constant on-site presence of environmental officers
- Value adding for Client
- Educating community



Outstanding Results Can Be Achieved!!

