

21.05 ENVIRONMENTAL RISK

09/08/2012
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21.05-1 Key Issues

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- Substantial concern within the community about the impacts of climate change.
- Identifying and managing the risk of inundation and erosion along coastal areas as a result of sea level rise and other impacts of climate change.
- Addressing the issue of fire risk associated with rural subdivisions or subdivisions in developing residential areas where remnant vegetation is present.
- Having regard to issues of fire risk in established and developing residential areas with substantial vegetation cover.
- Encouraging the Frankston community to adopt measures and practices to reduce use of fossil fuels and manage the risks associated with climate change.
- Managing the impacts of flooding, including inland areas, and increased flooding in future.
- Identifying the locations, risks and management techniques for acid sulphate soils in the City.
- Identifying where possible and ensuring development does not occur on land known to be susceptible to landslip.

21.05-2 Objectives, strategies and implementation

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Objective 1

Apply the precautionary principle in areas likely to be impacted by sea level rise or extreme weather events, until detailed impacts are known.

Strategies

- Consider the most up to date information relating to the impact of potential sea level rise and coastal erosion in any major development proposal along the foreshore areas, within the low lying areas of the Frankston CAD and adjacent to the banks of the Kananook Creek.
- Have regard to the potential for flooding of low lying or poorly drained areas during intense rainfall events.

Objective 2

Reduce the potential impacts of wild fire on new and established residential areas.

Strategies

- Ensure that new subdivisions in rural or new residential areas are designed to meet the safety, access and locational requirements of fire authorities and minimise risk to residents.
- Have regard to the need for good design principles to minimise fire risk in established residential areas.

Objective 3

Recognise and appropriately manage erosion prone areas and acid sulphate soils.

Strategies

- Ensure new development recognises the presence of acid sulphate soils by considering the environmental, engineering and health impacts in its development, construction and activities in the affected areas.
- Ensure new development in known erosion prone areas takes all necessary measures to minimise risks of further erosion or landslide.
- Appropriately manage areas susceptible to landslide by requiring appropriate geotechnical investigations and design responses for development proposals.

Implementation

The strategies in relation to environmental risk will be implemented through the planning scheme by:

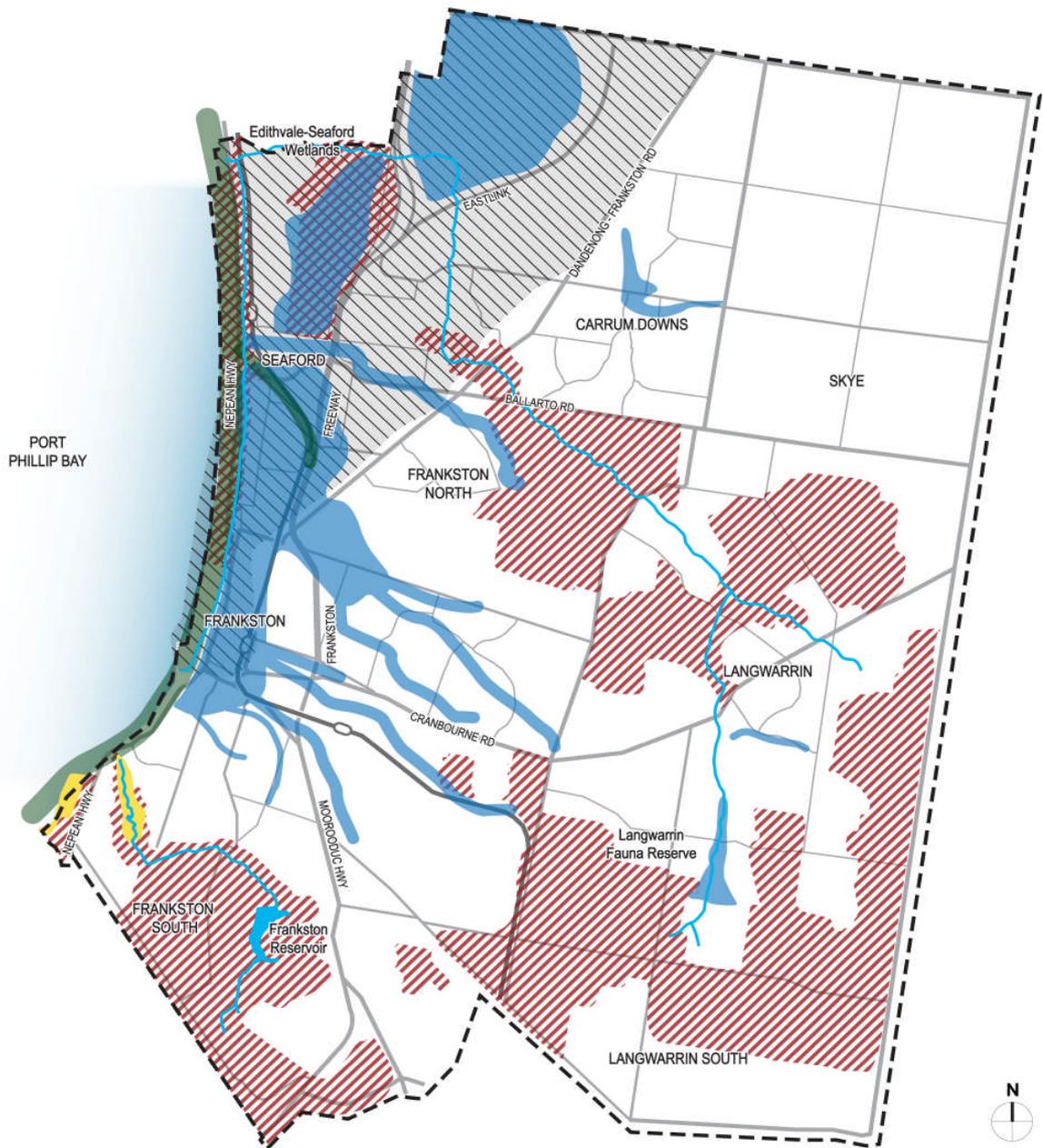
Policy guidelines

- Apply the Precautionary Principle to consideration of major development along foreshore, within low lying areas of the Frankston CAD and adjacent to the banks of the Kananook Creek.
- Require new development within areas affected by acid sulphate soils to address the risks and impacts.
- Apply the most up to date information from state and federal government sources in the assessment of the impacts of climate change.

Further Strategic work

- Identify the locations, risks and management techniques for acid sulphate soils in the City.

ENVIRONMENTAL RISKS



LEGEND

- Municipal Boundary
- Creeks
- Potential Coastal Acid Sulfate Soil Areas
- Erosion Prone Areas
- Potential Flood Areas
- Fire Risk Areas
- Potential Future Coastal Inundation Areas