



MATERIAL PLANNING CONSIDERATIONS: AIR AND WATER QUALITY

Understanding the impact of air and water quality is crucial in planning considerations. This guide explains the key points to ensure developments do not negatively affect the environment.

Key Considerations

1. Air Quality:

- ✓ Assess pollutant emissions (NO₂, PM₁₀, PM_{2.5}).
- ✓ Evaluate health impacts on residents.
- ✓ Consider cumulative impacts from nearby sources.

2. Water Quality:

- ✓ Impact on surface and groundwater.
- ✓ Effluent discharge quality and treatment.
- ✓ Implement sustainable drainage systems (SuDS).

Mitigation Measures

- Use green infrastructure to manage air quality.
- Employ erosion control practices to protect water bodies.
- Monitor and manage air and water quality regularly.

Compliance and Monitoring

- Adhere to national air and water quality standards.
- Regularly review and update environmental assessments.

By focusing on these considerations, we can ensure sustainable and healthy development practices.