

Tier 1- Separation distances

Presentations

- Ian Wallis; buffer zones for WWTPs, how they vary with population and treatment processes
- Dave Griffiths; modelled separation distances, S factors
- Chris Harris; The finalisation of Tier 1 for SA

Workshop

- Facilitated by Robin Ormerod

Workshop

- Determine the aim of the Tier 1 distances
- What industries should be covered
- How to determine the distance in a time efficient manner
- How to produce a draft in a time efficient manner

Aim of the Tier 1

- Good design, good construction and good management then adequate separation
- Simple for all parties
- Transparent: reproducible and consistent
- Quick and inexpensive
- Conservative

Format

- Sensitive land uses
- Adjustment factors
 - Surface roughness
 - Terrain
- Amendment
 - S factors

- Industry specific equations
- Field validation eg community survey
- Model validation of buffer distance