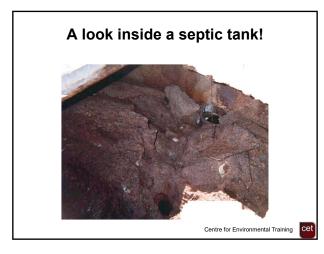


Introduction No amount of desktop assessment can substitute for an inspection of an existing onsite system Wide variation in designs and configurations makes standardised assessment a challenge Inspectors need a sound knowledge of past and present technologies and working knowledge of basic physical and biochemical processes Some of this can only be gained through field experience. Don't be afraid to open the lid!



Why Inspect? Background and Rationale • Why are the inspections being done?

- What are they meant to achieve?
- What are they meant to achieve?
- What to inspect and to what detail?
- What is compliance or non-compliance?
- Existing approvals?
- · Who is inspecting regulator or designer?

Why Inspect?

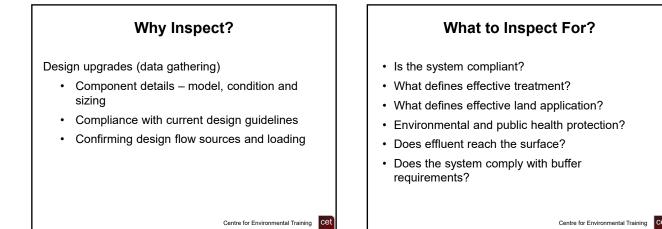
This impacts the preparation and equipment required:

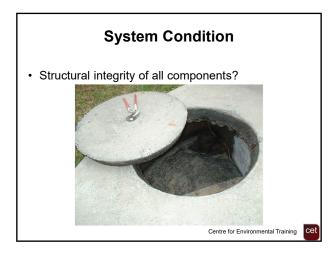
- New / modified installation
- Operational inspection / audit
- · Complaint investigation / compliance
- · Catchment audit
- · Design upgrade (data gathering)

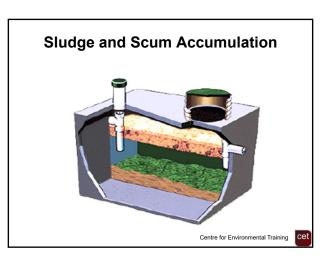
Why Inspect? New / modified installation • Compliance with approval conditions including design plan Operational inspection or complaint investigation • Compliance with installation and operation approval conditions • Compliance with environmental and public health protection requirements

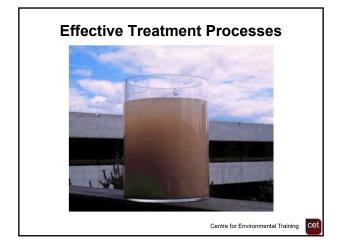
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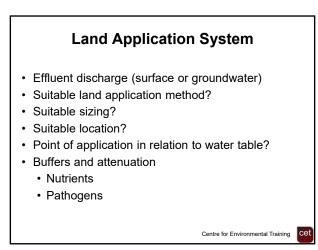
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Conclusions

- Don't be afraid to learn from plumbers, installers, designers and regulators with on-site experience
- Look at as many different systems as you can
- Be systematic and recognise the links between various processes
- Always keep an open mind about the possible cause of a problem

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