

Case Studies of Mound Systems

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Completed Wisconsin Mound



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Burrawang Mound Construction

- Construction issue
- Installers claimed to have installed several mounds previously
- Were reluctant to put vegetation on top of mound
- Were adamant that in previous mounds with turf cover there had been seepage from the mound at a high level on the mound flanks
- But did not really know the cause of this!

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Burrawang Mound Construction

- So what was wrong?
- This mound was to receive primary treated effluent
- What was a likely outcome following this installation?
- What rectification was required?
- Experienced installers are critical, as is communication between the designer and installer at installation stage
- When should the regulator inspect the installation?

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Ecomax Design Failure



Source: Ecomax NSW

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Flout dosing a sand filter replacing failed mound



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Other Mounds for Review



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Alternative Vegetation Cover



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