

## Bunding

### Trade Waste Guideline No. 4

#### INTRODUCTION

Spilled or leaked materials can be hazardous to SA Water's Sewerage System, due to their chemical properties and/or the quantity involved. Storage and handling of such materials within a banded compound affords protection from accidental discharges.

#### DEFINITIONS

For the purpose of this Guideline 'compound' refers to an area for the storage of chemicals, wastes, products, processes or other materials, which are potentially hazardous to the Sewerage System. "Bund" refers to a wall, moat or other device, which prevents the escape of liquids from a compound. This Guideline pertains to all sites where potentially hazardous materials are stored and their unintended loss to sewer via floor drains or other access points might occur.

#### DESIGN / INSTALLATION

- General design requirements for bunds can be found in the South Australian Environment Protection Authority's [Bunding and Spill Management Guideline, EPA 080/07](#).
- Where waste water pre-treatment equipment is operated within a banded compound, discharge to sewer is to a tundish located outside of the bund. Alternatively the tundish may be situated within the bund, but is raised to a level at least 50mm higher than the spill level of the bund.

#### STORMWATER MANAGEMENT

- Stormwater is specifically prohibited from discharge to sewer in the [Sewerage Act 1929](#), to prevent flooding of sewers. SA Water expects operators to employ effective roofs over banded compounds to exclude stormwater or use the alternative, approved disposal methods.
- Only in exceptional circumstances, would approval to discharge accumulated stormwater to sewer be granted by the Trade Waste Section. Conditions of discharge normally include compliance with [Trade Waste Batch Treatment Guideline No 17](#).

#### ADDITIONAL INFORMATION

Mains Water Protection (AS/NZS3500-2003 Part 1), [Trade Waste General Policy](#), [Standards of Acceptance of Liquid Waste to Sewer](#).

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#### Further information

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