



## OVERLAYS



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## 4.4 Codes for Overlays

### 4.4.1 Acid Sulfate Soils Code

#### Purpose

The purpose of this Code is to ensure that development which occurs on a Site containing or potentially containing Acid Sulfate Soils is undertaken so that the potential risks associated with disturbing Acid Sulfate Soils are addressed and minimised.

#### Applicability

This Code applies to assessable development for:

- Material Change of Use;
- Reconfiguring a Lot;
- Operational Work Associated with Reconfiguring a Lot;
- Operational Work – Filling or Excavation not associated with a Material Change of Use;
- Operational Work – Engineering Works not associated with a Material Change of Use;
- Operational Work – Placing an Advertising Device on Premises not associated with a Material Change of Use in the World Heritage and Environs Locality; and
- Building Work other than Minor Building Work not associated with a Material Change of Use in the World Heritage and Environs Locality

#### INVOLVING

- excavating or otherwise removing more than 100 m<sup>3</sup> of material; or
- filling of a Site involving placing more than 500 m<sup>3</sup> of material at greater than an average depth of 0.5 metres,

#### WHERE

- the Site is at or below 5 metres Australian Height Datum (AHD); or
- the activity affects subsoil below 5 metres AHD, although the Ground Level of the Site exceeds 5 metres AHD;

as depicted on the Acid Sulfate Soils Overlay on the Locality Maps.



## Elements of the Code

### *Disturbance of Acid Sulfate Soils*

<b>PERFORMANCE CRITERIA</b>		<b>ACCEPTABLE SOLUTIONS</b>	
P1	<p>The release of acid and associated metal contaminants into the environment are avoided either by:</p> <ul style="list-style-type: none"> <li>not disturbing Acid Sulfate Soils; or by</li> <li>preventing the potential impacts of any disturbance through appropriate Site planning, treatment and ongoing management.</li> </ul>	A1.1	<p>The disturbance of Acid Sulfate Soils is avoided by:</p> <ul style="list-style-type: none"> <li>not excavating or removing more than 100 m<sup>3</sup> of material identified as containing or potentially containing Acid Sulfate Soils;</li> <li>not permanently or temporarily extracting groundwater that results in the aeration of previously saturated Acid Sulfate Soils; and</li> <li>demonstrating that any filling in excess of 500 m<sup>3</sup> of material to depths greater than an average depth of 0.5 metres will not result in ground water extrusion from Acid Sulfate Soils and the aeration of previously saturated Acid Sulfate Soils from the compaction or movement of those soils.</li> </ul>
		A1.2	<p>Site planning, treatment and ongoing management are undertaken so that:</p> <ul style="list-style-type: none"> <li>acid and metal contaminants are not generated and acidity is neutralised;</li> <li>untreated Acid Sulfate Soils are not taken off-Site unless this is to an alternative location for treatment; and</li> <li>surface and groundwater flows from areas containing Acid Sulfate Soils do not release leachate containing acid or metal contaminants into the environment.</li> </ul>



### *Identification and Management of Acid Sulfate Soils*

<b>PERFORMANCE CRITERIA</b>		<b>ACCEPTABLE SOLUTIONS</b>	
P2	The location and extent of Acid Sulfate Soils are identified on the development Site and appropriately management so as to avoid the release of acid and associated metal contaminants into the environment.	A2.1	No Acceptable Solution  (Information that the Council may request to demonstrate compliance with the Performance Criteria is outlined in Planning Scheme Policy No 9 – Reports and Information the Council May Request, for code and impact assessable development).