# ENGINEERING ADVISORY NOTE EAN 01


## Concrete Pipe Acceptance Criteria

TAMS introduced a policy of zero tolerance for cracks in the Stormwater Pipes (SW) due to significant increase in damages to pipes installed by contractors and developers especially from interstate. This policy was in place for more than two years and the industry performance has improved significantly since then.

The industry is now concerned with this policy of zero tolerance as it contradicts with the Australian and New Zealand Standard 4058:2008. This standard provides industry accepted criteria for the assessment of defects in steel reinforced concrete pipes. After several meetings and discussion with the industry and manufactures of concrete pipes, TAMS agreed to withdraw the zero tolerance policy and implement the following assessment criteria.

### Advice

### Assessment Criteria

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| --- | --- |
| Size of crack | Action recommended |
| <0.15 mm | No action required. TAMS accepts pipes. |
| 0.15 to 0.5mm | No action required, allow autogenous healing to take place. TAMS Accepts pipes. |
| >0.5mm | Requires ongoing monitoring. TAMS does not accepts assets which are subjected to ongoing monitoring and hence pipes are to be replaced. |

### Administrative Arrangement

This Technical Direction takes effect from the date of endorsement by the Director Operational Support and Director Roads ACT.

### Prepared by: Scrutinised by:

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Asset Acceptance Asset Acceptance

17 September 2012 17 September 2012

### Authorised by: Authorised by:

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Date: Date: