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Hunter Water Corporation A.B.N. 46 228 513 446
Standard Technical Specification for:

**ENVIRONMENTAL PROTECTION
MEASURES FOR CONSTRUCTION SITES**

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AMENDMENTS FROM THE PREVIOUS EDITION - APRIL 1997

Clause	Amendment
All	General formatting, rewording and referencing changes to improve clarity but no change to technical requirements

1. GENERAL

1.1 Scope

This Standard Technical Specification details requirements for measures to be undertaken on construction sites to prevent damage to the environment.

1.2 Interpretation

Unless specifically stated otherwise, environmental protection measures includes ALL functions described in this Standard Technical Specification and the provision of any minor materials or services which are not described but are reasonably necessary to prevent damage to the environment.

Headings are for the convenience of the reader and shall not be used in the interpretation of this Standard Technical Specification.

Unless the context requires otherwise any expression such as "give notice", "submit", "approval", or "directed" means give notice to, submit to, approval by, or directed by the person nominated by the Principal or Purchaser.

2. COMPLIANCE WITH LEGISLATION

Comply with any relevant legislation for the protection of the environment including Local Government Ordinances. Provide adequate supervision of the work to ensure that the environmental legislative requirements are strictly observed. Before commencing the work under the Contract, identify the environmental risks associated with the work and develop strategies and systems to manage these risks.

3. CONTROL OF SITE DISCHARGES

3.1 General

Establish and regularly maintain sediment and oil traps to prevent silt and oil being washed from the site into gutters, drains, watercourses, creeks, rivers, lakes and lagoons. Discharge water drained or pumped from the site in a manner that meets all statutory environmental controls and does not cause erosion or environmental damage. Ensure that the quality of discharged water meets the relevant Environmental Protection Authority requirements.

3.2 Erosion and Sediment Control Plan

At least five working days before disturbing the natural surface in any drainage catchment submit an erosion and sediment control plan for the catchment. Superimpose the erosion and sediment control plan on a plan of the Works and indicate the following:

- catchment drainage lines and inlets
- details of all erosion and sedimentation control structures and measures
- proposed location of material stockpiles likely to require erosion control works

Attention is drawn to the Department of Land and Water Conservation, Newcastle publication 'Urban Erosion and Sediment Control - Field Guide' (previously Department of Conservation and Land Management).

3.3 Contamination

Should contaminated water or other harmful substances escape from the site, immediately take steps to contain any discharge, minimise environmental damage, clean-up the contamination and make good any damage to the complete satisfaction of the Environmental Protection Authority.

3.4 Cleaning of Road Pavements

Where excavated material is tracked onto roads at any time, remove it immediately to prevent it washing into drains and waterways and so that road pavements are kept safe and trafficable. If hosing of the road is carried out, trap loose material.

3.5 Stockpiles

Place sand bags, hay bales and/or silt fencing around any excavated or imported fill which will be stockpiled for greater than 48 hours.

3.6 Use of Gases

Limit the use of chlorofluorocarbons and halons, or products or equipment manufactured using these gases, as far as practicable and do not use any such gases or products which have not been notified at the time of Tender.

4. PROTECTION OF FLORA

Do not destroy, remove or clear vegetation to an extent greater than necessary for the execution of works. Ensure that the relevant Council's ordinances regarding the preservation of trees, etc, and other requirements for preservation of the local environment are strictly adhered to. Clearly mark and protect from damage all trees which are required to be preserved.

5. NOISE LEVELS

Ensure that noise levels comply with the criteria specified in the Environmental Protection Authority Environmental Noise Control Manual. Ensure that the sound pressure level for any piece of equipment, or operation shall be within the limits prescribed by AS 2436. Ensure that the requirements of the Noise Control Act and Local Government Regulations are adhered to.

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