

TECHNICAL GUIDELINE

Checklist: Wastewater Collection Requirements for Land Development Applications



Issued by: Principle Engineer Water & Wastewater Networks

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No Changes Required In the January 2007 Edition

The following lists the major changes to the November 2004 edition of TG 18, which have been incorporated in this edition:

1. Nil

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Referenced Documents

WSA 02-2002 v2.3 Sewerage Code of Australia

Section 1: Purpose

To ensure all aspects/concerns are addressed when assessing the impact of land developments proposals on SA Waters wastewater collection system.

Section 2: Checklist

Item	Aspects to be Considered
Collect Data and Flow Information	<ul style="list-style-type: none"> • Obtain a contour plan of the proposed land development • Check the zoning to determine the minimum size of sewers required. • Calculate the likely peak flows from the land development • Check that the downstream sewers have the available capacity to cope with the additional flow generated.
Proposals for Land Development	<ul style="list-style-type: none"> • Develop a “sewer layout” for the land development based on the contours and the sewerage design criteria documented in WSA 02-2002 v2.3 (Sewerage Code of Australia) to serve every allotment in the land development
Assessment	<p>From the above layout identify:</p> <ul style="list-style-type: none"> • The location of external easements and approach infrastructure; • Internal easements (which will be acquired as a condition of the subdivision); • Pumping Station sites required and any special conditions relating to each pumping station; • Allotments within the development which can be served by sewers which already exist; • Allotments outside the development which can be served by the new sewers constructed to serve the development; • Allotments on which internal drain changes are required; • Old sewers, connections and drains that may not be appropriate for use and need to be abandoned. <p>Ensure that:</p> <ul style="list-style-type: none"> • the grades and alignment of any trunk sewer passing through the land development can be maintained and • there are not any other restrictions associated with the land development eg transport corridors, stormwater drains, easements held by others, etc.
Report	<ul style="list-style-type: none"> • Complete Proformer in Docket and return to Retail Division. • Include any new infrastructure needed to serve the development and any land /easements that would need to be acquired.