

**GOLBURN VALLEY WATER
PRESSURE SEWER SYSTEMS FOR NEW DEVELOPMENTS
FEASIBILITY REPORT CHECKLIST**

INTRODUCTION

To assist the prompt assessment of a submission to install a pressure sewer system to Goulburn Valley Water standard the following information is to be provided within the feasibility report submitted for approval to enter into a Developer Construct Agreement for design and construction.

Please note: These are additional requirements to the standard information provided within the standard Corporation's feasibility report proforma.

1. Triple bottom line assessment of options for providing sewerage services to development. This should comprise the following:
 - a. Engineering assessment of options for providing sewerage services to proposed development. Options include:
 - i. Conventional gravity sewer, including standard GVW sewage pump station and rising main;
 - ii. Septic tank or similar system to treat wastes on site; and
 - iii. Pressure sewer system.
 - b. Features to be considered for inclusion in assessment of each option include:
 - i. Construction costs;
 - ii. Maintenance and operation costs;
 - iii. Environmental and public health risks; and
 - iv. Advantages and disadvantages.
 - c. The net present cost to the community of each option is to be calculated and compared to select the best solution.
2. Preliminary design and layout of proposed pressure sewer system, including:
 - a. Location plan of proposed development and pressure sewer system;
 - b. Design plan showing pressure sewer network including:
 - i. Alignment of pressure sewer pipeline including pipe diameter and class;
 - ii. Allotments proposed to be connected to pressure sewer, including lots outside of the development;
 - iii. Any existing dwellings or structures that are to be connected to pressure sewer system;

- iv. Plan of proposed development including identification of each stage;
 - v. Discharge point into GVW sewerage reticulation system;
 - vi. Location of fittings, including air valves, scours, flushing tees, property boundary kits, laterals, etc; and
 - vii. Long section of rising main including location of all fittings (see vi)
- c. Catchment plan identifying total area of land that could be serviced by the pressure sewer system, including:
- i. Defined catchment area;
 - ii. Stages of future development; and
 - iii. Adjacent land outside of the proposed development that could be serviced.
3. Estimation of development contribution charges for the future installation of pressure sewer units on vacant allotments. This is to include:
- a. Quotation or estimate of current costs for installation of a standard GVW pressure sewer unit on a typical lot within the development; and
 - b. Estimation of the development charge for each lot on the development based on the estimated installation costs and GVW overhead (30%).