



# CITY OF VICTOR HARBOR

## **INFORMATION TO BE PROVIDED WITH A COMPLETED WASTEWATER SYSTEM APPLICATION FORM**

### **SITE LAYOUT PLAN**

**Detailed site layout plan (in duplicate) drawn to a scale of 1:500 showing:**

1. Block dimensions and contours indicating natural ground fall.
2. Proposed location of buildings, sheds, swimming pool and driveways.
3. Position of the proposed wastewater system including distances from boundaries and buildings. Location of any buildings on the boundary alignment.
4. Details of any site modifications e.g. benching, cutting and filling.
5. Details of location of surface and roof water disposal and any diversion trenches to collect any surface or migrating sub surface water.
6. Details of any well, bore, dam, or any watercourse, (identified on the current 1:50,000 Dept. of Environment and Natural Resources topographical map), used or likely to be used for human/domestic purposes; any water source used for agricultural, aquacultural or stock purposes.
7. Type and capacity of proposed septic tank.
8. Method of effluent disposal, full details of system including length, width and depth. Depth from surface level to the top of the effluent disposal system.
9. Position of boreholes used in soil reports.
10. Where the tank is to be connected to an effluent disposal scheme, line of drain and connection point.

### **BUILDING LAYOUT PLAN**

**Detailed building plan (in duplicate) drawn to a scale of 1:100 showing:**

11. Position and description of all sanitary fixtures to be connected to the wastewater system.
12. Method of connection of fixtures to drainage system, including location of sewer drain, inspection openings, junctions, bends, size and grade of sewer drain, position and size of traps, vents and waste pipes.
13. Intended use of building, use of rooms within building and if non-residential maximum number of persons using system.

### **GEOTECHNICAL CRITERIA**

**Evidence of site capability in nominated effluent disposal area.**

14. General site assessment and examination of soil characteristics.
15. Determination of soil permeability by either direct (5 borelogs) or indirect (2 borelogs) method.  
**\*bore holes to be located in the disposal area\***
16. A statement is to be provided by the geotechnical engineer as to the horizon best suited for long term percolation of septic tank effluent, including the estimated rate of percolation. Eg minimum of 15mm per hour.

### **GENERAL INFORMATION**

- All septic tank access shafts are to terminate 50mm above natural ground level.
- Access shafts shall be effectively sealed to prevent the ingress or egress of water or gas.
- All septic tanks and components are to be approved by the South Australian Health Commission. Evidence of this may be required.

**Copies of typical plans of septic tank design, building lay-out and site lay-out are attached.**