

# Application to install or alter a Septic system



Phone: 9217 2277

TTY: 133 677 - ask for 9217 2170

Fax: 9409 9863

Email: [publichealth@whittlesea.vic.gov.au](mailto:publichealth@whittlesea.vic.gov.au)

Mail: Locked bag 1 Bundoora MDC 3083

Council offices: 25 Ferres Boulevard, South Morang

- Please use this form to apply to the City of Whittlesea Council for a permit to install or alter a septic system.
- Where tick boxes () appear please tick where applicable.

Office use only	Issued:	Rec'd:	EHO:	Auth ref:
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## Site address for proposed installation/alteration

Street address

Suburb & postcode

This application is for:

Alterations to an existing system

Installation of a new system

## Owner details

Title

First name

Surname

Postal address

Suburb & postcode

Contact numbers

*Business*

*Mobile*

## Owner declaration

I hereby apply for permission to have a septic system installed/altered by a registered plumber and drainer. I acknowledge the following constraints apply to the area of land dedicated for the disposal/treatment of septic effluent:

No vehicular traffic

No access by livestock such as horses and cattle

No construction of driveways, footpaths, swimming pools or sheds

No covering with plastic or clay

I approve of the location and system proposed in this application.

Owner signature

Date

D	D	M	M	Y	Y
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## Plumber

Title

First name

Surname

Street address

Suburb & postcode

Contact number

*Mobile*

Licence number

## Drainer

Title	First name	Surname
<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>
Street address		Suburb & postcode
<input style="width: 95%;" type="text"/>		<input style="width: 95%;" type="text"/>
Contact number	Licence number	
<i>Mobile</i> <input style="width: 95%;" type="text"/>	<i>Mobile</i> <input style="width: 95%;" type="text"/>	

## Applicant making an application as agent of the owner

Title	First name	Surname
<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>
Street address		Suburb & postcode
<input style="width: 95%;" type="text"/>		<input style="width: 95%;" type="text"/>
Contact numbers		
<i>Business</i> <input style="width: 95%;" type="text"/>		<i>Mobile</i> <input style="width: 95%;" type="text"/>
Licence number		
<input style="width: 95%;" type="text"/>		

I hereby apply for permission to install/alter a septic system and supply the following information

Signature	Date												
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## Fixtures to be installed/altered

Please provide number of fixtures for each item below

<input style="width: 95%;" type="text"/>	Water closets	<input style="width: 95%;" type="text"/>	Showers
<input style="width: 95%;" type="text"/>	Basins	<input style="width: 95%;" type="text"/>	Dishwashers
<input style="width: 95%;" type="text"/>	Baths	<input style="width: 95%;" type="text"/>	Spa bath (capacity in litres)
<input style="width: 95%;" type="text"/>	Troughs	<input style="width: 95%;" type="text"/>	Waste disposal units
<input style="width: 95%;" type="text"/>	Other (specify): _____		
_____			
_____			

## Proposed system components

<input type="checkbox"/> Sewer system drains (external) <input type="checkbox"/> Septic tank <input type="checkbox"/> Sandfilter <input type="checkbox"/> Effluent lines (specify length and width) _____ <input type="checkbox"/> Sewage treatment plant (specify) _____ <input type="checkbox"/> Other (specify) _____ _____	<input type="checkbox"/> Surface irrigation <input type="checkbox"/> Inspection chamber <input type="checkbox"/> Pump well
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A permit fee is required with this application and additional services are available however please check with Council's Health Department if any of the services below are required.

- Permit for installation or alteration of an existing septic system
- Sand analysis for Sand Filters (if applicable)
- Packaged sewage treatment plants
- Subsurface/surface irrigation

		Office use only							
Date	<table border="1"><tr><td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td></tr></table>	D	D	M	M	Y	Y	Receipt no.	<input type="text"/>
D	D	M	M	Y	Y				
Amount	<table border="1"><tr><td>\$</td><td><input type="text"/></td></tr></table>	\$	<input type="text"/>	Permit no.	<input type="text"/>				
\$	<input type="text"/>								

## Effluent distribution

A distribution box constructed of concrete shall be installed following all septic tanks. The distance between the septic tank and distribution box shall be governed by the fall and distance to the disposal/treatment area, but in no case shall be less than one metre. A concrete distribution box is to be located at the start of each effluent line. The invert of the outlet of the septic tank is to be higher than the ground level at the distribution pit of the first trench.

The minimum internal dimension of the box shall be 250mm. The inlet shall be 50mm above the outlets with a shallow sump provided. All outlets are to be at the same elevation and are to be mortared both internally and externally.

The connecting pipe between the septic tank and the distribution box may comprise 90mm. UPVC in lieu of 100mm sewer UPVC providing at least 300mm of soil cover is provided and the pipe is sleeved in 100mm concrete pipe or 100mm sewer UPVC packed in screenings, where it passes between roadways or trafficable areas.

## Plans and specifications

**Applications for permits to install a system shall be accompanied by two sets of plans drawn to scale and specifications including the following details:**

- A block plan showing the location of the premises.
- A house floor plan including the direction of north and the street and lot number
- A block plan showing contours, the relative position of the proposed septic tank and system and all existing and proposed buildings, driveways, easements, streams and underground water tanks and wells.
- Details including a plan of the proposed septic tank system to be used, showing distances from boundaries, buildings and driveways.
- The existing or proposed position of stormwater drains, water supply pipes, underground power lines, Telecom cables, gas pipes and any other services.
- The measures proposed to intercept and divert drainage away from any disposal area.
- Details and layout of effluent disposal trenches, sand filter or proposed disposal system.
- A summary of the data from which the capacity of the septic system has been computed, such as contributory population, percolation rate of the soil, dosage rates or design factors used for non-standard applications.

## Pump installation

- Pumps shall be submersible, automatic, electric, and self-priming, and shall be installed to the regulation of the local electrical authority.
- All electric wiring shall be installed by a registered electrical contractor and shall be inspected and approved by the electricity authority prior to use.
- Pumps must be firmly based on a cement block or bricks so as to be at least 80mm off the floor of the chamber.
- Suction and discharge pipes must be 25mm minimum size, PVC pipe connected to the pump in such a manner as to effect easy disconnection. A non-return valve shall be provided in the riser close to the pump.
- All changes in direction of discharge pipes shall be made by bend (not elbows) and a union provided near the top of the chamber.
- All pump chambers shall be fitted with a float switch operated alarm which shall be triggered in case of pump failure. A large distribution box is required on all pump installations

## Required length of effluent lines

Throughout the City of Whittlesea the required length of effluent lines based on the current EPA code of practice is as follows:

(eg) 3 Bedroom House (a study or family room which could be used as a bedroom are also included) All waste septic tank 3200 litres followed by:	120metres of 1m wide effluent line (water reduction fixtures and fittings) 145 metres of 1m wide effluent line (standard water fixtures)
(eg) 4 Bedroom House All waste septic tank 3200 litres following by:	150 metres of 1m wide effluent line (water reduction fixtures and fittings) 180 metres of 1m wide effluent line (standard water fixtures)
(eg) 5 Bedroom House All waste septic tank 4500 litres followed by:	180 metres of 1m wide effluent line (water reduction fixtures and fittings) 220 metres of 1m wide effluent line (standard water fixtures)

Subject to a suitable Land Capability Assessment (LCA), variations in effluent trench may be considered.

