

## E9.0 Attenuation Code

### E9.1 Purpose

E9.1.1 The purpose of this provision is to:

- (a) minimise adverse effect on the health, safety and amenity of sensitive use from uses with potential to cause environmental harm; and
- (b) minimise likelihood for sensitive use to conflict with, interfere with or constrain uses with potential to cause environmental harm.

### E9.2 Application

E9.2.1 This code applies to:

- (a) development or use that includes the activities listed in Table E9.1 and E9.2 in a zone other than the Light Industrial, General Industrial or Port and Marine Zone;
- (b) development or use for sensitive use, including subdivision intended for sensitive use;

- (i) on land within an Attenuation Area shown on the planning scheme maps, or
- (ii) on land within the relevant attenuation distance from an existing or approved (permit granted) activity listed in Tables E9.1 and E9.2 if no Attenuation Area is shown on the planning scheme maps and that activity is not located in the Light Industrial, General Industrial or Port and Marine Zone.

### E9.3 Definition of Terms

E9.3.1 In this code, unless the contrary intention appears:

attenuation distance	means the distance listed in Tables E9.1 and E9.2.
sensitive zone	means the General Residential; Inner Residential; Low Density Residential; Rural Living; Environmental Living; Urban Mixed Use; Village; Community Purpose; Recreation; Local Business; General Business; Central Business; Commercial; Environmental Management; Major Tourism zones.
site specific study	means an environmental impact assessment carried out by a suitably qualified person meeting the technical components of s.74 <i>Environmental Management and Pollution Control Act 1994</i> .
uses with potential to cause environmental harm	means all activities listed in Tables E9.1 and E9.2.

### E9.4 Use and Development exempt from this Code

E9.4.1 The use or development described below is exempt from this code if any of the following apply:

- (a) activities requiring assessment under the *Environmental Management and Pollution Control Act 1994* by the Board of the Tasmanian Environment Protection Authority;
- (b) additions or alterations to an existing building used for sensitive use provided that the gross floor area does not increase by more than 50% or 100 m<sup>2</sup> whichever is the greater.

### E9.5 Application Requirements

E9.5.1 In addition to any other application requirements, the planning authority may require the applicant to provide a site specific study if considered necessary to determine compliance with performance criteria.

### E9.6 Use Standards

E9.6.1 Use with Potential to Cause Environmental Harm

Objective:	
To ensure that use with potential to cause environmental harm is sufficiently attenuated to ameliorate adverse effects on nearby sensitive use to an acceptable level.	
Acceptable Solutions	Performance Criteria
<p><b>A1</b></p> <p>Use with potential to cause environmental harm has a separation distance no less than the minimum attenuation distance listed in Tables E9.1 or E9.2.</p>	<p><b>P1</b></p> <p>Use with potential to cause environmental harm and which is set back less than the distance prescribed in A1 must not have an unacceptable adverse affect on existing or likely future sensitive use, having regard to all of the following:</p> <ul style="list-style-type: none"> <li>(a) operational characteristics;</li> <li>(b) scale and intensity;</li> <li>(c) degree of hazard or pollution that may be emitted from the activity;</li> <li>(d) hours of operation;</li> <li>(e) nature of amenity impacts from likely light, noise, odour, particulate, radiation, vibration or waste emissions;</li> <li>(f) existing ambient background levels of light, noise, odour, particulate, radiation, vibration or waste emissions in the locality;</li> <li>(g) measures to eliminate, mitigate or manage emissions.</li> </ul>

## E9.7 Development Standards

### E9.7.1 Development for Use with Potential to Cause Environmental Harm

Objective:	
To ensure that development for use with potential to cause environmental harm is sufficiently attenuated to ameliorate adverse effects on nearby sensitive use to an acceptable level.	
Acceptable Solutions	Performance Criteria

<p><b>A1</b></p> <p>Development for use with potential to cause environmental harm has a separation distance no less than the minimum attenuation distance listed in Tables E9.1 or E9.2.</p>	<p><b>P1</b></p> <p>Development for use with potential to cause environmental harm and which is set back less than the distance prescribed in A1 must not have an unacceptable adverse affect on existing or likely future sensitive use, having regard to all of the following:</p> <ul style="list-style-type: none"> <li>(a) operational characteristics;</li> <li>(b) scale and intensity;</li> <li>(c) degree of hazard or pollution that may be emitted from the activity;</li> <li>(d) hours of operation;</li> <li>(e) nature of amenity impacts from likely light, noise, odour, particulate, radiation, vibration or waste emissions;</li> <li>(f) existing ambient background levels of light, noise, odour, particulate, radiation, vibration or waste emissions in the locality;</li> <li>(g) measures to eliminate, mitigate or manage emissions.</li> </ul>
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E9.7.2 Development for Sensitive Use in Proximity to Use with Potential to Cause Environmental Harm

Objective:	
To ensure that new sensitive use does not conflict with, interfere with or constrain uses with potential to cause environmental harm.	
Acceptable Solutions	Performance Criteria
<p><b>A1</b></p> <p>No Acceptable Solution.</p>	<p><b>P1</b></p> <p>Development for sensitive use, including subdivision of lots within a sensitive zone, must not result in potential to be impacted by environmental harm from use with potential to cause environmental harm, having regard to all of the following:</p> <ul style="list-style-type: none"> <li>(a) the nature of the use with potential to cause environmental harm; including:</li> </ul>

	<ul style="list-style-type: none"> <li>(i) operational characteristics;</li> <li>(ii) scale and intensity;</li> <li>(iii) degree of hazard or pollution that may emitted from the activity;</li> </ul> <ul style="list-style-type: none"> <li>(b) the degree of encroachment by the sensitive use into the Attenuation Area or the attenuation distance;</li> </ul> <ul style="list-style-type: none"> <li>(c) measures in the design, layout and construction of the development for the sensitive use to eliminate, mitigate or manage effects of emissions</li> </ul>
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**Table E9.1 Attenuation Distances**

The attenuation distances in Table E9.1 and E9.2 must be measured between the outer edge of the area used by the listed activity and the property boundary of the sensitive use or development, except for extractive industry the attenuation distance must be measured from the boundary of any applicable mining or quarry lease.

Activity	Sub-category	Likely environmental impacts	Attenuation Distance (metres)
Abattoirs (primary)	large animals, greater than 100 tonnes/ year production	odours, noise	500
	large animals, less than 100 tonnes/year production		300
	small animals (e.g. poultry)		300
Abattoirs (secondary)	rendering	odours	1000
Pre-mix bitumen plants (e.g. batching)	mobile and static	odours	500
Brickworks	n/a	dust, particulates noise	200
Composting (vegetation only)	with or without turning	odour	500
Composting (animal wastes)	incorporating human and animal wastes without turning	odour	500

Composting (animal wastes)	incorporating human and animal wastes, with turning	odour	1000
Concrete batching plants	n/a	dust, noise	100
Concrete or stone articles	not pipe extrusion	dust, noise	100
Crematoria	n/a	odours, particulates	300
Dairy Products	production of dairy products	odours	100
Disposal Site	all except specific categories below.	odours, dust, disease, vectors, visual	500
	transfer station (except very large stations)	odours, dust, disease, vectors, visual	150
	non-putrescible wastes	odours, noise	50
	spray irrigation of liquid wastes of animal or vegetative origin (primary treated), (other than sewage treatment plants)	odours, disease, vectors	500
	spray irrigation of liquid wastes of animal or vegetative origin (secondary treated), (other than sewage treatment plants)		200
Feedlot and holding yard	cattle and sheep	odours	3000
Fibreglass manufacturing	n/a	odours	200
Fish Processing (primary)	fish filleting etc.	odours, noise, lights	100
Fish Processing (secondary)	fish meal production etc.	odours, noise, lights	1000
Flour Mills	n/a	particulates, noise	300
Foundry	n/a	odours, particulates, noise	1000

Late Night Music Venue	n/a	noise	200
Liquid waste treatment, other than sewage treatment plants	e.g. treatment lagoons for wash down, processing effluent etc.	odours	200
Metal Fabrication	n/a	odours, noise	500
Organic waste treatment	e.g. cattle and pig slurry	odours	500
Piggery	intensive husbandry	odours	500
Poultry	intensive husbandry	odours	500
Quarry/pit etc.	no blasting, crushing or vibratory screening	noise, dust	300
	Blasting hard rock	noise, vibration, dust	1000
	Blasting other than hard rock	noise, vibration, dust	300
	Crushing or cutting	noise, dust	750
	Vibratory screening	noise, dust	500
Saleyard	stock	odours, noise	500
Sandblasting	n/a	noise, odours, particulates	300
Sawmill	including wood waste burnt in approved incinerator, wood chipper or use of internal combustion powered chainsaw.	noise, particulates	300
Smallgoods manufacture	n/a	odours	100
Storage	petroleum products and crude oil with fixed roofs	odours, noise	300
	petroleum products and crude oil with floating roofs	odours, noise	100
	wet salted or unprocessed hides	odours	300
Wood Preservation	Without wood chipper	odours, noise	100

	Wood chipper	noise	300
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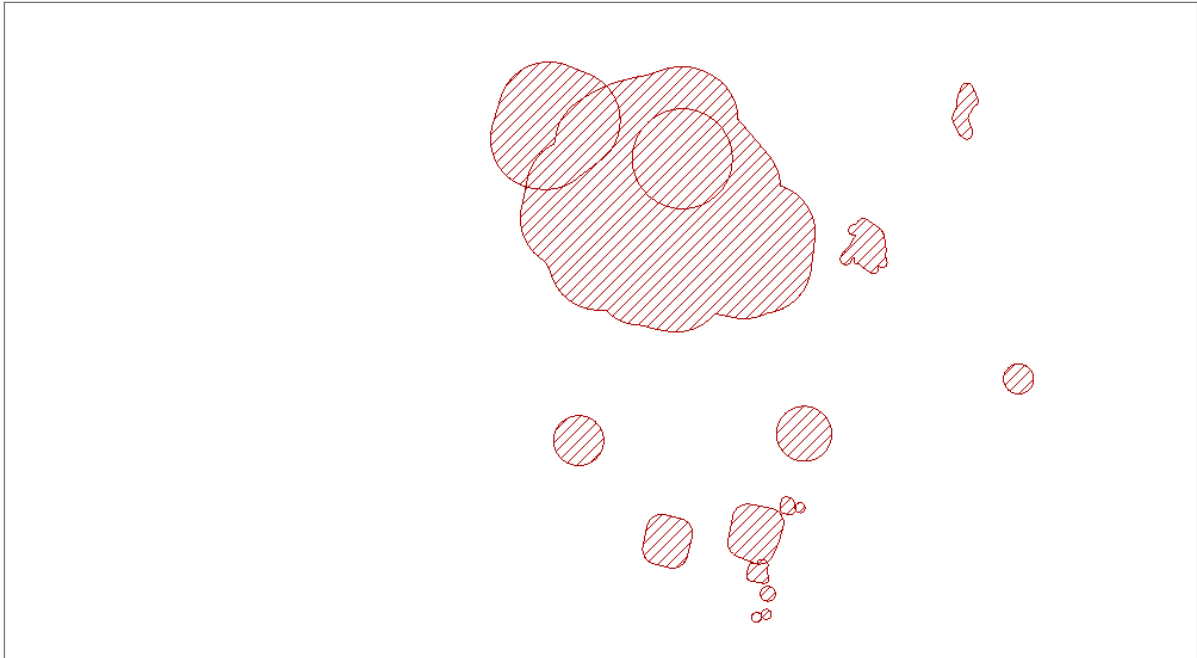
Table E9.2 Attenuation Distances for Sewage Treatment Plants


Type of installation	Designed Capacity Dry Weather Flow				
	KL/Day	<275	<1,375	< 5,500	<13,750
Person equivalent		<1,000	<5,000	<20,000	<50,000
		Distance in metres			
Aerobic pondage (septic effluent)	100	-	-	-	-
Mechanical/Biological treatment	100	200	300	400	
Sludge drying beds/sludge digesters not within enclosed premises.	150	250	300	400	
Aerobic ponds	150	350	700	1000	
Anaerobic ponds	400	550	700	850	
Facultative ponds	300	700	1400	2200	
Land disposal of secondary treatment effluent (iv)	TBA	TBA	TBA	TBA	
Spray irrigation	200	200	200	200	
Flood irrigation	50	50	50	50	



## Map E9 Attenuation Code

Open the full map extent (link to the [interactive map](#))



**Legend**  
Buffer Area 

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Note: This overlay map has been filtered to show the selected overlay feature only for the Planning Scheme currently being viewed.