

# Approval to install, alter or construct a Waste Treatment Device or Human Waste Storage Facility and Approval to operate a system of sewage management application

Please complete form and deliver or fax to Dungog Shire Council

Type of Work	OFFICE USE ONLY Application No		
Install New System	only Date of Receipt		
Property Description			
Lot No	DP		House No
Street			Town
Property Details			
Property Size	less than 2000m <sup>2</sup>	2000 - 4000m <sup>2</sup>	more than 4000m <sup>2</sup>
Property Use	Residential Dwelling	Rental Dwelling	Commercial/Industrial
Water Supply	Mains (Town)	Tank	Dam/River/Creek/Bore
Type of Waste	Human	Trade	Other:
On-Site Wastewater Mar	nagement System Det	ails	
Type of Treatment System Method of Disposal	AWTS Composting/Biolo Subsurface Irrigati	ion Raised Mou	Other:
No Persons Using System:	Evapo-Transpiratio	on U Other (spec	
No of Toilets:	No of Urinals:	No of Showers:	No of Basins:
Tank Capacity (Litres)	Tank No 1:	Tank No 2:	Tank No 3:
Applicant's Details			
Name:			Email:
Address:			
			Contact Phone No:
Owner/s Details			
Name:			Email:
Address:			
			Contact Phone No:
Installation Firm Details			
Name/Company:			Email:
Address:			
			Licence No:
Contact Phone No			

# Application for approval to install, alter or construct a Waste Treatment Device

## Section 68 Part C (5) – Local Government Act, 1993

#### **DECLARATION & SIGNATURE OF OWNERS & APPLICANT**

- The undersigned hereby makes application for the approval of Council to the plans and specifications of a proposed on-site sewage management system and agrees to comply with the requirements and conditions that may be stated on the approval.
- By the submission of this application the undersigned authorises the appropriate staff of Dungog Shire Council to enter the subject property for the purposes of assessing the application for compliance. Access may be made in your absence and without prior notification.
- Indemnify the Council of the Shire of Dungog against any claim which may arise either from negligence or otherwise as a result of my carrying out or entrusting a third party to carry out the above work or any other work within the road reservation at the address of this property.
- No work or activity is permitted to be undertaken until such time as Council has granted an "Approval to Install".

Signature of Applicant:	
Signature of Owner	
Signature of Owner	

Where Applicant is not the owner, owner(s) must sign to consent to the lodging of the application

# Application for approval to operate a System of Sewage Management

#### Section 68 Part F - Local Government Act, 1993

#### **DECLARATION & SIGNATURE OF OWNERS & OPERATOR**

The undersigned hereby makes application for the approval of Council to operate a system of sewage management in the Dungog Shire Council Area and agrees to comply with the requirements and conditions that may be stated on the approval. The undersigned acknowledges that the system must not be operated until such time as an "Approval to Operate" has been issued by Council.

Signature of Operator	
Signature of Owner	
Signature of Owner	
Where operator is not the owner,	owner(s) must sign to consent to the lodging of the application

#### All applicants for Installation Approval must submit with this Application the following:

1.	General Requirements for all wastewater systems:
	Manufacturer's specification of the tank(s) (indicating NSW Dept Health Accreditation);
	A copy of the floor plan of any building to be connected to the waste treatment device;
	Scaled (1:500) site plan indicating location of tank(s) and buildings on the property.
2.	Where there is on-site disposal of effluent, applicant should also supply in addition to section 1 above:
	Scaled site plan (1:500) indicating:
	<ul> <li>Location of tank(s);</li> <li>Location of boundaries, buildings, swimming pools, paths, groundwater bores, dams and waterways;</li> </ul>
	<ul> <li>Location of primary and reserve disposal areas;</li> </ul>
	<ul> <li>Location of stormwater diversion drains and earth bunds (if applicable).</li> </ul>
	A fully completed Site Assessment Report (form available through Council or from the Council Web Site). This report is appli- cable to properties identified as a low or medium hazard class. It is not suitable for properties identified as high or very high.
	Any other information requested by Council deemed to be relevant to the assessment of this application.
3.	Where an aerated system is to be used applicant should also supply in addition to sections 1 & 2 above:
	Detailed design plans and information for the irrigation pipework within the disposal area;
	A signed service maintenance agreement.
Applica	ation fees must be paid on submission of this application.

For fees payable please refer to Council's Fees & Charges Schedule - available on Council's Web page - www.dungog.nsw.gov.au

#### **Submit**

Email

Please return your completed and signed form along with relevant fee to:

In person/mail

Dungog Shire Council Administration Building PO Box 95 (198 Dowling Street) Dungog NSW 2420 shirecouncil@dungog.nsw.gov.au





# Site, Soil, System & Environmental Assessment report

for an on-site sewage management system Please complete form and deliver or fax to Dungog Shire Council

## For properties identified with a hazard class that is Low or Medium

Low Med

# OFFICE USE ONLY Арр

Note: This Pro-forma cannot be used for properties identified with a hazard class High or Very High To be completed by a wastewater consultant or Council approved site evaluator when wastewater management will involve the on-site disposal of effluent.

Application No	
Date of Receipt	

The Evaluator			
CompanyName			
Name of Evaluator			
Address			
Postcode		Phone	
Signature		Assessment Date	
Declaration of Evaluator	l declare that the information contained within this rep assessment undertaken	oort is a true an	d accurate record of the site and soil
Property Details			

Lot		House No.
Street Name		
Town		Postcode
Water Supply Available	Town Tank Dam/Creek/Bore	
Development Details		
Type of Development	Residential Dwelling Rental Dwelling	This form cannot be used for non-residential development.
Number of Bedrooms		6

# Site Assessment

	Low Haza	ard Class	Medium Hazard Class			
Site Assessment	Limit	Comply (tick or cross)	Limit	Comply (tick or cross)		
Aspect/exposure of disposal area (sun and wind)	High		Moderate			
Slope of disposal area	< 10%		10 – 20%			
Flooding – is the property flood prone?	> 1:100 year AEP		> 1:20 year AEP			
Hunter Water Special Area (catchment)	Outside		Outside			
Depth to bedrock or hardpan?	> 1.0 metres		> 0.6 metres			
Depth to groundwater?	> 1.0 metres		> 0.6 metres			
Groundwater bore – distance to disposal area?	> 250 metres		> 250 metres			
Permanent waters – distance to disposal area?	> 100 metres		> 100 metres			
Dams, drains, intermittent watercourses – distance to disposal area?	> 40 metres		< 40 metres			
Vegetation - removal for disposal area?	No		Yes/No			
Any other health or environmental constraints specific to the property?	No		Yes/No			
Soil classification (AS/NZS 1547:2000)	Cat. 2-5		Cat 1-5			
Refer to assessment guidelines for assistance in completing this	section					

# Soil Assessment

Two test holes are to be dug in a central location in the primary and reserve (where applicable) disposal areas. These holes should be MADE SAFE and marked after site assessment to allow for future Council inspection. The test holes must be of a depth appropriate for the proposed disposal method.

Lover		Refer to assessment guidelines for assistance in completing this section							
Layer Depth of Layer (		Layer (mm)	ayer (mm) Structure		Notes				
1									
2									
3									
4									
Hole termi	nated in:								

Soil Texture Codes

 ${\bf S}$  = Sand,  ${\bf SL}$  = Sandy Loam,  ${\bf L}$  = Loam,  ${\bf CL}$  = Clay Loam,  ${\bf LC}$  = Light Clay,  ${\bf MHC}$  = Medium / Heavy Clay Soil Structure Codes

SG = Single Grained, W = Weak, Md = Moderate, S = Strong, Ms = Massive

# Acceptable Solution Selection / Sizing the Land Application Area (LAA)

		All answers in section 5 comply with → low HC limit	Obtain size of LAA from App. A of DAF using the key on → page A-1	LAA Size	m2
Low Hazard Class Properties	Yes 🗲	1 or more answers in section 5 don't comply → with low HC limit	<ul> <li>Provide additional information constraint(s).</li> <li>LAA may still be sized from Accordesign calculations may be normanage constraints.</li> <li>Design LAA to overcome iden</li> </ul>	ceptable Solutic ecessary to den	ons, however site specific nonstrate ability to
		All answers in section 5 comply with medium → HC limit	Obtain size of LAA from App. A of DAF using the key on → page A-1	LAA Size	m2
Medium Hazard Class Properties	Yes →	1 or more answers in section 5 don't comply → with medium HC limit	<ul> <li>Detailed site and soil assessme DAF procedure (Section 1.3 of consultant.</li> <li>Acceptable Solution sizing tak used.</li> <li>Site specific design calculation DAF must be undertaken (reference)</li> </ul>	f DAF) complete bles in Appendix ns in accordanc	ed by a suitably qualified ( A of DAF cannot be :e with the High hazard

Treatment System									
Treatm	nent System considered best	suited	to site:						
	Aerated Water Treatment System		Septic Tank		Wet Composting		Dry Composting		
	Sand/Media Filter		Constructed Wetland		Other (nominate):				
System	Manufacturer				ated Hydraulic ity (L/day)				
<b>.</b>									

Note: Land application pumps, valves, filter and pipework must be sized on a site specific basis to ensure the correct operation of the land application system.

Disposal Area considered best suited to site and treatment system:								
	Sub-surface		Surface Spray	Surface Drip		Evapo-transpiration		
	Absorption Trench		Wisconsin Mound	Other (nominate):				

Please attached a minimum A4 (1:500) Plan showing:

- Location of tank(s) and primary/reserve (where applicable) land application areas:
- Location of all effluent pipework (dripperline etc) and all relevant hardware (valves etc):
- Location of boundaries, drains, buildings, swimming pools, paths, groundwater bores, dams and waterways:
- Location of stormwater diversion drains and earth bunds: and
- Approximate slope angle and direction.

#### Assessment Guidance Notes

#### **Report Evaluator**

The declaration must be signed by the site and soil evaluator for the assessment to be accepted. Council will verify the accuracy of assessments undertaken by all evaluators. Inaccurate or misleading evaluations will not be accepted.

#### Site Assessment

- Slope may be estimated visually.
- Subsurface criteria must be assessed through excavation of at least one soil test pit within the proposed land application area(s).
- Soil classification shall be conducted through textural analysis as described in Appendix 4.1D of ASNZS1547:2000.
- Approval may be required for removal of vegetation under Council's Tree Preservation Order. It is the responsibility of the property owner to obtain approval where necessary.
- Failure to declare obvious property constraints may trigger additional investigation requirements.

#### Soil Assessment

- Reference can be made to Section 6.1 of the Development Assessment Framework for more guidance on soil assessment.
- Appendix 4.1D of ASNZS1547:2000 can also be used to evaluate soil texture and structure.
- Soil profiles should be reported to a depth of 600mm below the point of application / base of trench or to depth of refusal.
- Coarse fragments (gravel, cobbles, boulders etc) should be noted.
- Colour should be recorded as dominant colour in addition to mottles.

#### Acceptable Solution / Land Application Area Sizing

- All information required to determine the minimum LAA size from the Acceptable Solutions in the DAF are contained in this form. They
  include location (climate zone), number of bedrooms, water supply, soil classification (ASNZS 1547:2012 and LAA type.
- For Low HC, Acceptable Solutions can still be used where the site and soil criteria in Section 5 are not met. Use will be subject to satisfactory demonstration that observed constraints can be adequately managed.
- For Medium HC, Acceptable Solutions can only be used where ALL criteria in Section 5 are met.

# Submit

#### Please return your completed and signed form to:

In person/mail	Dungog Shire Council Administration Building PO Box 95 (198 Dowling Street) Dungog NSW 2420
Fax	4995 7750
Email	shirecouncil@dungog.nsw.gov.au