APPLICATION FOR APPROVAL TO INSTALL A WASTE TREATMENT DEVICE AND APPROVAL TO OPERATE AN ON-SITE SEWAGE MANAGEMENT SYSTEM

The installation or alteration of wastewater treatment devices in Dungog Shire Council area requires the submission to Council of Applications to Install and to Operate a Waste Treatment Device. Please ensure that the following sections are completed as directed and the application fees and information required to process these applications are submitted with this form.

ADDRESS OF PROPERTY SUBJECT OF APPLICATION

Lot: …….. Sec: …….. DP: …….

House Number: ……..……..… Street: ……...……

Suburb or Locality: ……..……..……..… Post Code: …….……

PROPERTY DESCRIPTION

Approximate block size: …… sq/m.

☐ Dwelling/s ☐ Commercial/Industrial Premises* ☐ Other*
* (description) ……..

Property Water Supply: ☐ Mains ☐ Tank ☐ Other *
* (description) ……..

SEPTIC SYSTEM DETAILS

Type of system and disposal method (description): …….……
Number of People that will be using the wastewater disposal system: ……
Number of Bedrooms ……
Any Liquid Trade Waste to be connected to system (Commercial/Industrial) YES/NO
Septic tank capacity No.1: ……..……. No.2: ……..……
Aerated septic system brand: (where proposed) ……..……..……..…

OWNER DETAILS

Name: ……

Postal Address: ……..……

……..……..Post Code: …….

Contact phone number: ……

INSTALLATION FIRM DETAILS

Name:

……...

Address:

……...

……...

Dept. of Fair Trading Licence: ……..……No.: ……...

(please complete application on the back of this form)

1. APPLICATION FOR APPROVAL TO INSTALL WASTE TREATMENT DEVICE.

The undersigned hereby makes application for the approval of Council to the plans and specifications of a proposed septic tank and agree to comply with the requirements and conditions that may be stated on the approval.

I indemnify the Dungog Shire Council 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 below.

Applicant Details

Applicants name: ……...……...

Applicants address: ……..……
……..

Signature of Applicant ……..…. Date: ……...……

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

Signature of Owner(s) ……..…… Date: ..…….…...

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2. APPLICATION FOR APPROVAL TO OPERATE ON-SITE SEWAGE MANAGEMENT SYSTEM.

The undersigned hereby makes application for the approval of Council to Operate an On-site- Sewage Management System in the Dungog Shire Area and agree to comply with the requirements and conditions that may be stated on the approval.

Signature of Operator ……..…… Date: ..…….…...

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

Signature of Owner(s) ……..…… Date: ..…….…...

All applicants for Installation Approval must submit with this Application:-

3 copies of:-

- Manufacturers plans of the tank(s);
- Floor plan of any buildings to be connected to proposed system;
- Site plan

Where there is on-site disposal of effluent, applicants should also supply:-

- Information on the site plan indicating:-
  - Buffer distances from the dwelling, boundaries, swimming pools, paths, groundwater bores, dams and waterways;
  - Primary and reserve disposal areas;
  - Stormwater diversion drains.

- A site report (form available through Council).
- Any geotechnical information requested by Council.

Where an aerated system is to be used applicants should also supply:-

- Design plans of the disposal area;
- Details of any maintenance agreement.

A Septic Application fee of $220.00 for new systems or $130.00 for conversion or renewal of existing systems MUST be paid on submission of this Application.

DUNGOG SHIRE COUNCIL
SITE REPORT FOR DEEMED TO SATISFY PROVISIONS

This form should be completed by the installation firm or a Council approved site evaluator where wastewater treatment will involve on-site disposal of effluent. All sections of the report should be completed to allow for prompt assessment of the application. After the initial assessment of this application, Council may require the applicant to provide further details.

1. SITE EVALUATORS	
Company	Name(s)
Address	
Ph:	Fax:
Date of Assessment: / /	Signature of Evaluator: / /

2. SITE INFORMATION	
Address/Locality of Site:	Council Area:
Owner/Developer:	
Address:	
Size/Shape/Layout: Site plans attached	**Yes/No**
Intended Water Supply: • Rainwater • Reticulated Water Supply • Bore/Groundwater	
Expected wastewater quantity (litres/day): (Number of bedrooms at 300L/bedroom/day)	
Local experience: (information attached regarding on-site sewage management systems installed in the locality)	**Yes/No**

If any site or soil features have not been assessed, note why.

3. SITE ASSESSMENT	
Flood potential: • Land application area above 1 in 20 year flood level • Tank lids & electrical components above 1 in 100 year flood level	 **Yes/No** **Yes/No**
Exposure: (To sun and wind)	
Slope: (Nil or fall per unit distance eg 1 in 10)	
Landform: (low hills, plain, estuarine)	
Is there evidence of substantial run-on or seepage:	**Yes/No**
Is there evidence of erosion on-site:	**Yes/No**
Are disposal areas located on fill:	**Yes/No**
Groundwater Horizontal distance to groundwater well used for domestic water supply (m) Bores in the area and their purpose:	
Buffer distances from proposed disposal field to: • Permanent waters (m): • Other waters (m): • Other sensitive environments (m): • Boundary of premises (m): • Swimming pools (m): • Buildings (m):	
Is their sufficient land area available for: • Application system (including buffer distances): • Reserve application system (including buffer distances): Please provide on-site plan and outline of the proposed location of: • Septic tanks: • Primary disposal field: • Reserve disposal field: • Any waterways or episodic drainage channels: • Test pit location: • Buildings, swimming pool etc • Other environmentally significant features A total area of 2000 square metres should be available for on-site disposal of effluent from a typical three bedroom house. This area includes the disposal field and reserve area and must be outside the building envelope and buffer zones for disposal fields.(see buffer zones attachment) The designated disposal and reserve areas should not include areas where future building or improvements may take place on-site. If 2000 square metres is not available, Council may require further geo technical and system design information.	 **Yes/No** **Yes/No**

Depth to rock or groundwater.

Two test holes should be dug in a central location in the disposal field and reserve area. These holes should be refilled and marked after site assessment to allow for future Council inspection.

- For disposal by spray irrigation.

Was rock or groundwater table encountered before reaching 500mm **Yes/No**

- For sub-surface disposal of effluent.

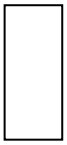
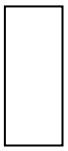
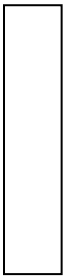
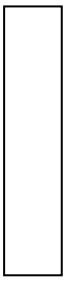
Was rock or groundwater table encountered before reaching 1000mm **Yes/No**
Is there evidence on the surface of rock sheets or groundwater springs or soaks **Yes/No**
If yes to what extent.

Please classify soil in test holes and indicate soil horizons in space provided. Top soil and humus layer should be indicated along with proportion of soil type represented in each hole.
a)Sand
b)Sandy loam
c)Loam
d)Clay loam
e)Silty clay
f)Clay
g)Other……..
h)Other……..

PRIMARY DISPOSAL AREA

500mm for spray irrigation OR 1m for subsurface disposal

Soil Type (a,b,c etc) Soil Type(a,b,c etc)

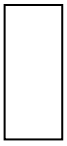
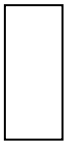
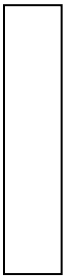
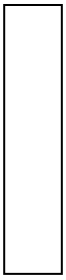





*** Please indicate height if rock or groundwater was reached**

RESERVE DISPOSAL AREA:

500mm for spray irrigation OR 1m for subsurface disposal

Soil Type (a,b,c etc) Soil Type(a,b,c etc)

*** Please indicate height if rock or groundwater was reached.**

4. IRRIGATION PUMP INFORMATION (for irrigation systems)

Type and size of irrigation pump:

Manufacturer's delivery pressure rating

Estimated head loss from top of tank to high point in disposal area: metres
Estimated head loss from pump to top of tank plus friction loss 2 metres
Estimated total head loss Total:…….metres

NOTE: Council requires 10m head or 100kpa pressure at the irrigation field for adequate disposal of effluent by spray irrigation. For irrigation pump sizing head loss from rise out of tank and rise to disposal field must be subtracted from rated pump capacity.

5. SYSTEM SELECTION

Consideration of connection to a centralised sewerage system:

- Approximate distance to nearest feasible connection point: **High/Med/Low**
- Potential for future connection to centralised sewerage: **High/Med**
- Potential for future connection to reticulated water: **Low/Already connected**

Type of land application system considered best suited to site:

Why:

Type of treatment system considered best suited to site and application system:

Why:

6. GENERAL COMMENTS

Are there any specific environmental constraints?

Are there any specific health constraints?

Any other comments?

TABLE OF BUFFER ZONES FROM E&HP GUIDELINES

System	Recommended Buffer Distances
All land application systems	• 100 metres to permanent surface waters (eg. river, streams, lakes etc) • 250 metres to domestic groundwater well • 40 metres to other waters (eg. farm dams, intermittent waterways and drainage channels, etc)
Surface spray irrigation	• 6 metres if area up-gradient and 3 metres if area down-gradient of driveways and property boundaries • 15 metres to dwellings • 3 metres to paths and walkways • 6 metres to swimming pools
Surface drip and trickle irrigation	• 6 metres if area up-gradient and 3 metres if area down-gradient of swimming pools, property boundaries, driveways and buildings
Subsurface irrigation	• 6 metres if area up-gradient and 3 metres if area down-gradient of swimming pools, property boundaries, driveways and buildings
Absorption system	• 12 metres if area up-gradient and 6 metres if area down-gradient of property boundary • 6 metres if area up-gradient and 3 metres if down-gradient of swimming pools, driveways and buildings