



WATER RESOURCES ACT

(reg.82)

(Cap.72:03)

WATER RESOURCES REGULATIONS, 2018

FORM H

APPLICATION FOR AN EFFLUENT DISCHARGE PERMIT

To be completed in triplicate

Complete this Form if you want to apply for a permit to discharge, for a new discharge or for a variation to an existing permit to discharge under the Water Regulations. You will also have to complete Part A, B, C or D. A different form is required for trade effluents discharged to sewer for treatment at a municipal wastewater treatment plant.

A permit is required for each separate discharge. If you currently discharge or propose to discharge from more than one point, then a separate application form must be completed for each discharge.

Is this an application for a new discharge or a variation to an existing discharge?

☐ New ☐ Variation

1. Name and addresses of the client

Name	
Address	
District	
Telephone	
Mobile Phone	
Email	

2. Land related to this application

Name of landowner where the works and use of water occurs or will occur

Address of landowner _____

Property regime of land: ☐ Freehold ☐ Customary tenure ☐ Lease ☐ Public Land

If leasehold, indicate: Plot No. _____

If freehold, indicate: Plot No. _____

Location of land where works and use of water occurs or will occur

District _____ Area of that land _____ (in hectares)

3. Nature of discharge

State the nature of discharge: (*✓ tick one or more boxes as appropriate*)

() Sewage effluent () Emergency discharge of sewage effluent

() Trade waste () Any other matter (inc. contaminated surface water)

(Specify) _____

For sewage and trade wastes and emergency discharges—

(a) maximum quantity it is proposed to discharge in one day _____ (m^3/day)

(b) highest rate at which it is proposed to operate the discharges _____ l/sec .

(c) periods during which discharge will take place _____

For rainfall dependent discharges, state the area to be drained _____ m^2

Identify roof areas and other impervious areas _____

4. Means of discharge

Indicate proposed means of discharge:

() Pipe () Brook () Borehole () Soakaway () Well () Culvert () Subirrigation system

() Soakaway and subirrigation system () Other (specify) _____

5. Technical details of the discharge

Give details as appropriate—

(a) For pipes, channels, wells and boreholes—

Diameter _____ millimetres Dimension(s) _____ (m)

(b) For subirrigation systems, soakaway pits, wells and boreholes—

Depth _____ metres Geological stratum (if known) _____

(c) For boreholes—

Type of lining _____ Depth of lining _____ (m)

Depth of perforated lining _____ (m)

Depth of unperforated lining _____ (m)

6. Receiving water body/land

Water to which waste will be discharged directly. (✓Tick the category to which the proposed discharge(s) are to be made)

☐ River or stream ☐ Onto land ☐ Canal ☐ Directly into groundwater ☐

Lake or pond ☐ Into land and watercourse ☐ Into land (not discharging to a river or stream)

State name of watercourse (if known) _____

Is there a foul sewer available to which the discharge could be made?

☐ Yes ☐ No If yes, give reason for not connecting _____

Distance from nearest foul sewer _____ (m)

7. Sampling of discharge

Authority will normally be required for the taking of samples of the discharge.

(Please indicate the sampling points proposed.)

☐ At the outlet ☐ At the manhole or sampling chamber ☐ See plan ☐ Other (give further details)

8. Other information

Is permit required for limited period? ☐ Yes ☐ No

If yes, give relevant dates _____

On what date do you anticipate the discharge will begin to be made _____

Does this proposal replace an existing discharge? ☐ Yes ☐ No

If yes, give details _____

Are there any existing consents for discharge from the premises? ☐ Yes ☐ No

If yes, give details, numbers if known _____

Please give the details of the premises. (✓Tick as appropriate)

☐ Vehicle parking area ☐ Industrial premises ☐ Fish farm ☐ Mineral workings

☐ Sewage treatment works ☐ Water supply ☐ Other (specify) _____

Declaration of the Applicant

I certify that the information provided in this form is correct to the best of my knowledge. I also agree that no decision will be made pursuant to this application until I receive a notification from the Authority that I have provided all the necessary information.

Signature of Applicant: _____

Full names: _____ Date _____

Note—

(1) You must ensure to provide the information on Part A, B, C or D.

(2) A permit is required for each separate discharge. If you currently discharge or propose to discharge from more than one point, separate application forms must be filled for each discharge.

(3) The Authority will return one form to the applicant authenticated with the official seal.

(4) You must attach a copy of bank cash deposit slip or cheque amounting to _____ Malawi Kwacha for processing your application and deposit to the National Water Resources Authority designated bank account or send them to:

The Executive Director, National Water Resources Authority, Private Bag 363, Lilongwe 3, Telephone: +265 (0) 111 647 907 , Email: nwrsec@gmail.com

The Authority may require you to advertise this application at your cost in a way specified by the Authority.

For Official Use Only

Date of receipt of the application: _____

Application number: _____

Name of the officer receiving the application: _____

Designation: _____

Signature: _____

Official stamp: _____

Part A-Application for a Waste Discharge Permit

To be completed in triplicate.

In the case of subirrigation systems and soakaways—

(a) Is any part of the system within ten metres of the site boundary? () Yes () No

(b) Is any part of the system within ten metres of a watercourse? () Yes () No

(c) Is the land in which the disposal system is to be constructed under drained with land drains discharging to a watercourse or to be so drained? () Yes () No

(d) If the answer to either (b) or (c) is yes, please state the name of the watercourse or sufficient information to identify it _____

(e) Attach details of the percolation test carried out.

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Signature of Applicant: _____

Full names: _____ Date _____

Part B-Application for an Effluent Discharge Permit

To be completed in triplicate.

For sewage treatment plants—

(a) State the population served/population equivalent/estimated population—

All year _____

Wet season _____

Dry season _____

(b) Give details of the treatment plant to be used. Attach extra sheets if necessary.

Declaration of the Applicant

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Signature of Applicant: _____

Full names _____ Date _____

Part C-Application for an Effluent Discharge Permit

To be completed in triplicate.

For trade wastes and sewage discharges containing trade wastes—

(a) Describe the process(es) from which the waste arises and the characteristics of the trade waste including the maximum, minimum and mean values of COD, BOD and SS of the waste.

(b) Maximum temperature of the waste discharged _____

(c) Electrical Conductivity: _____

(d) Does the waste contain any of the following? () Yes () No

If yes, ✓tick those present and give full details separately (including maximum, minimum and mean values)

Element	✓	Element	✓
Aldrin		Fluorofuran	
Arsenic		Hexachlorobenzene (HCB)	
Atrazine		Lead	
Azinphos-ethyl		Malathion	
Azinphos-methyl		Mercury and its compounds	
Boron		Nickel	
Cadmium and its compounds		Parathion	
Carbon tetrachloride		Parathion methyl	
Chloroform		PCSD's	
Chromium		Pentachlorophenol (PCP) and its compounds	
Copper		Perchloroethylene	
Cyanide		Sulcofuron	
Cyfluthrin		Tetrachloroethylene	
DDT		Tributyltin compounds	
1,2-Dichloroethane		Trichlorobenzene	
Dichlorvos		Trichloroethane	
Dioxins		Trichloroethylene	

Endosulfan		Trifluralin	
Fenitrothion		Triphenyltin compounds	
Fenthion		Uranium	

(e) Give details of any other significant chemical components contained in the waste, especially of any wastes containing chemical components controlled under the Environment Management Act or any other law in force (attach separate sheet).

Prescribed trades and premises

Airports	Hospitals	Sewerage treatment plants
Breweries	Leather tanning factories	Soap factories
Coffee factories	Meat processing factories	Soft drink manufacturers
Commercial fish farms	Mineral extraction and processing	Steel rolling mills
Domestic	Mines and processors	Sugar factories
Fish processing factories	Oil factories	Textile factories
Fruit and vegetable processing factories	Plastic manufacturers	Other (specify)
Slaughtering works (as may be identified by the Authority)		

Declaration of the Applicant

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Signature of Applicant: _____

Full names: _____ Date _____

Part D-Application for a Waste Discharge Permit

To be completed in triplicate.

For emergency discharges and contaminated surface waters—

State the type of discharge. Tick one or more boxes as appropriate:

Emergency overflow from sewer () Answer all except 3

Emergency overflow from pumping station () Answer all except 2

Contaminated surface water () Answer 4, 7

Other () Answer as appropriate

If other, please give further details:

1. (a) State average flow to pumping station/in sewer (in m³/day or l/s)

(b) State maximum flow to pumping station/in sewer (in m³/ day or l/sec.)

2. Expected frequency of operation per year

3. State volume of wet well (m³)

4. What provisions have been made to raise alarms? (e.g., telemetry)
5. What facilities have been provided to prevent the discharge of gross solids? (For screens give bar spacings or aperture)
6. What provisions have been included to deal with—
 - (a) Power failure?
 - (b) Mechanical breakdown?
 - (c) Rising main failure?
7. What facilities have been provided for flow measurements?
8. Are there any other factors to be taken into account?

Declaration of the Applicant

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Signature of Applicant: _____

Full names: _____ Date _____