

THE NATURAL RESOURCES CONSERVATION AUTHORITY ACT
The Natural Resources Conservation (Wastewater and Sludge) Regulations, 2013

First Schedule - Form 1 Application (pursuant to regulations 5, 6, 7, 12 and 13) for-
Licence to Operate Treatment Plant for the Discharge of Trade Effluent or Sewage Effluent
Licence to Construct a Treatment Plant
Licence to Reconstruct or Alter a Treatment Plant
Licence to Discharge Trade Effluent or Sewage Effluent into the Environment

Application No.: _____ Application Date: _____

Note: Please read the following instructions before completing this form.

Application Requirements:

1.1 This form shall be filled and submitted with the necessary supporting documentation in quadruplicate (unless otherwise indicated) to: **National Environment and Planning Agency, 10 Caledonia Avenue, Kingston 5.**

1.2 The attached forms and information requirements shall be answered in full in order to avoid delay in processing the application. Where attached sheets and other technical documents are utilized in lieu of the space provided. Indicate appropriate cross-references in the relevant areas of the application form. Paragraphs that are not applicable to your application shall be marked "N/A".

1.3 A separate application shall be made for each point of discharge.

1.4 If you are in doubt about any provision of this application form, please consult with an authorized officer of the Authority before completing it.

1.5 The completed form shall be accompanied by:

- List of all documents attached to supported the application
- Site location plan (drawn to scale)
- Engineering report justifying each component and size including description of processes, flow diagram and details of construction phases if applicable
- Facility layout plans (drawn to scale) showing:
 - The various components making up the plant
 - Set backs from property boundary and buildings
 - Significant features of the area up to 1 km beyond the site boundary
 - Discharge and sample points
 - Wells, sinkholes and surface water bodies (including wetlands)
- Coordinates (JAD 2001) for discharge outlet and sampling points
- Plan view detail of each component
- Cross sectional view of each component
- Copies of any other permit or licence granted by a government department or organization in respect of the application (including date of issue and expiration)
- Proof of tenure (*if the applicant is not the registered owner, a letter from the registered owner, witnessed by a Justice of the Peace must be provided authorizing the applicant to use the property for the use to be licensed.*)—only one copy is required
- Certificate of Registration (*for Company or Business*)
- A non –refundable fee for each licence applied for. (*Certified cheques made payable to the Authority, debit and credit cards (Visa and MasterCard are accepted).*)

For official use only

Application checked for completion by: _____
Signature of Officer

Name and Title (please print or type)

Date

2.1 Applicant (Note: the applicant is the person or entity in whose name the licence will be issued)

Name of Applicant: _____

TRN.: _____ Certificate of Registration (for Company or Business) No.: _____

Name of Authorized Representative (for Company or Business): _____

Address: _____

Tel. No.: _____ Cell No.: _____ Fax No.: _____

Email: _____

2.2 Owners (if different from applicant)

Name of Owner: _____ TRN: _____

Certificate of Registration No. (if the owner is a company): _____

Name of Authorized Representative (if the owner is a company): _____

Address: _____

Tel. No.: _____ Cell No.: _____ Fax No.: _____

Email: _____

2.3 Agent (note: the Agent is a person or entity who is authorized to apply on the behalf of the applicant: a letter of authorization by the applicant witnessed by a Justice of the Peace must be provided at time of application – Only one copy is required)

Name of Agent: _____

TRN.: _____ Certificate of Registration No. (if the agent is a company): _____

Name of Authorized Representative (if the agent is a company): _____

Address: _____

Tel. No.: _____ Cell N.: _____ Fax No.: _____

Email: _____

2.4 Application for Licence to: (note: Tick all relevant Licences as needed)

- Construct Treatment Plant
- Reconstruct or Alter Sewage Treatment Plant
- Operate Treatment Plant for Discharge of Sewage Effluent
- Operate Treatment Plant for Discharge of Trade Effluent
- Discharge of Sewage Effluent into the Environment
- Discharge of Trade Effluent into the Environment

3.1 Treatment Plant:

Name of Plant: _____

Address/Location of the treatment plant: _____

Land Valuation No.: _____ Volume No.: _____ Folio No.: _____

3.2 Sewage Effluent:

Community System (serving multiple housing units in a single development including a hotel)

Municipal System: (serving multiple development/areas)

List Areas/facilities served by the Plant: (attached pages as needed)

Name of Areas/Facilities <i>Indicate if Boundary Map is attached by ticking in the box</i>	Population Served <i>(indicate No. of people, houses or rooms)</i>	Volume <i>(M³/day)</i>
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

3.3 Trade Effluent:

Business activity generating trade effluent (include ISIC code):

Source of water: _____ Water Consumption (litres/day): _____

Engineering Report should include the following information (in addition to information requested in 1.5)

- List of types and qualities of intermediate and final products derived from enterprise
- Description of processes including secondary processes (such as cleaning of equipment generating trade effluent)
- List of types and quantities of material of material delivered or stored on site which may end up in trade effluent by accident or by design and affect the environment.

4.1 Components of Plant: (Note: State type of treatment and list components)

Type of: Treatment Plant _____

Component for Pre-Treatment Plant _____

Component for Primary Treatment: _____

Component Secondary Treatment: _____

Component of Tertiary Treatment: _____

Flow Meter: Inflow Type: _____ Outflow Type: _____

Total Energy Used: _____ Source of Energy: _____

Stand by Power Supply: On site Off-site at _____

Wells <1km downstream: _____ Water bodies <1km downstream: _____

Depth to the groundwater (m): _____ Land use of adjacent properties: _____

Setback from nearest building (m): _____ land use: _____

Setback from the nearest property boundary (m): _____ land use: _____

4.2 Effluent:

Continuous or Intermittent discharge

Total Design Flow (m³/day): _____ Peak flow (m³/day): _____

For phased implementation, state design capacity for each phase (m³/day): _____

Location Discharge point (JAD 2001 Coordinates): N _____ ; E _____

Location Sampling Point (JAD 2001 Coordinates): N _____ ; E _____

4.3 Residuals:

Sludge Dry Volume (tons/year): _____

Method of Processing: _____ Used For: _____ Disposal Site _____

Bio-mass Dry Volume (tons/year): _____

Method of Processing: _____ Used For: _____ Disposal Site _____

4.4 Receptors: (Indicate environment of final discharge and % of discharge that goes to each environment)

Discharge to Stream or Gully % _____ Conditions of disposal: _____

Paved Seasonally or Perennial (continuously) Flowing: _____

Discharge to Absorption System % _____ Conditions of disposal: _____

Surfaces area (m²): _____ Depth (m): _____ Percolation rate (mm/hr): _____

Soil type: _____

Discharge to Irrigation %: _____ Conditions of disposal: _____

Area for irrigation (m²): _____ Percolation rate (mm/hr): _____ Soil type: _____

Discharge to Coastal wetland %: _____ Conditions of disposal: _____

Discharge to Deep Well %: _____ Conditions of disposal: _____

(Note: this option requires a Permit from Water Resources Authority)

Depth below surface (m): _____ Geology: _____

Discharge to Pond or Lake %: _____ Conditions of disposal: _____

Surfaces area (m²): _____ Depth (m): _____

Discharge to Marine Outfall %: _____ Conditions of disposal: _____

(Note: this option requires a Beach Licence)

Configuration of outfall: _____ Construction material: _____

Depth below mean sea level (m): _____ Diameter (cm): _____

Length from the shoreline (m): _____ Plume Behaviour Model attached

Declaration by Applicant:

I hereby declare that the information contained in this application is true and complete to the best of my knowledge and belief. I further agree to maintain and operate the undertaking in accordance with the act and any regulations thereunder, the standards and guidelines established by the Natural Resources Conservation Authority and conditions set out in the Licence, if granted. I will pay all fees payable to the Authority. I understand that the Licence, if granted, is not transferable. I shall promptly notify the Authority upon the sale or legal transfer of the undertaking and shall furnish the names and addresses of the purchaser(s) thereof to the Authority.

Signature of applicant or authorized representative

Date

Name and Title (Please print)