



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Registration Guide: Waste Discharge Related Water Uses

**A guide for the registration of Waste Discharge
Water Use information under the National Water
Act, (Act 36 of 1998)**

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SECTION 1

1. PURPOSE AND STRUCTURE OF THIS REGISTRATION GUIDE

This Registration Guide is aimed specifically at explaining how water users must register with the Department of Water Affairs.

Section 1 - explains the set up and structure of this registration guide

Section 2 – explains an overview of waste water use registration in respect of waste charge system charges.



Section 3 - explains some important definitions that will assist users to complete their waste related water use Part 2 application forms.

Section 4-7 – explains practical information on the waste related water use registration forms and how to complete them.

Section 8 – explains practical information in respect of conversion of units of measure.

Section 9 - provides a list of registration help lines and contact details of the Department's various offices around the country where users may obtain the forms and assistance to complete the forms.

Also refer to the following two Registration Guides:

-  *Registration Guide: Water Users (available at <http://www.dwa.gov.za/Projects/WARMS/registration.asp>)*
 - *Why register?*
 - *What is registration?*
 - *Who does not have to register?*
 - *Who must register their water use?*
 - *When must users register?*
 - *How will users be registered?*
 - *What does it cost to register?*
 - *Registration no entitlement.*
 - *How To Complete Registration Part 1 Forms*
 - DW 756 Individual
 - DW 757 Water Services Provider (Including Water Boards)
 - DW 758 Company, Business, Partnership or Community, National or Provincial Government
 - *-DW 759 Water User Association*
 - *Etc.*
-  *Registration Guide: RAW WATER Uses(available at <http://www.dwa.gov.za/Projects/WARMS/registration.asp>)*
 - *S21(a) of Act: Taking water from a water resource*
 - *S21(b) of Act: Storing water*
 - *S21(c) of Act: Impeding or diverting the flow of water in a watercourse*
 - *S21(d) of Act: Engaging in a stream flow reduction activity*
 - *S21(i) of Act: Altering the bed, banks, course or Characteristics of a water course*
 - *S21(j) of Act: Removing, discharging or disposing of water found underground if it is necessary*
 - *for the efficient continuation of an activity or for the safety of people*
 - *S21(k) of Act: Using water for recreational purposes*

SECTION 2

2. REGISTRATION OF WASTE RELATED WATER USE

WASTE DISCHARGE CHARGE SYSTEM	<p><i>The information provided by the user in the registration forms will be used to calculate charges under the Waste Discharge Charge System (WDCS). The WDCS defines 2 charges –</i></p> <ul style="list-style-type: none"><i>• an Incentive Charge (Waste Discharge Levy) and a Mitigation Charge. The Incentive Charge will be calculated based on</i><i>• actual discharge, while the Mitigation Charge will be calculated on registered information.</i>
Water Resource Management (WRM) Charge	<p><i>WRM charge defined under the Pricing Strategy will be charged to users, either abstraction related or discharge related, based on registered information.</i></p>

SECTION 3

3. DEFINITIONS USED IN REGISTRATION OF WASTE DISCHARGE RELATED WATER USE

General definitions of key terms in the registration process are provided here to aid the water user in completing registration forms. Technical definitions for certain fields on the Part 2 forms are also included.

BIODEGRADABLE INDUSTRIAL WASTEWATER	<ul style="list-style-type: none"> ■ <i>Biodegradable industrial wastewater is wastewater that contains a high concentration of organic waste arising from industrial activities and premises.</i> ■ <i>Biodegradable industrial wastewater does not contain any substances that may accumulate in the environment such as heavy metals and persistent organic compounds.</i> ■ <input type="checkbox"/> <input type="checkbox"/> <i>Biodegradable industrial wastewater is generated by activities such as:</i> <ul style="list-style-type: none"> ■ <i>Milk processing</i> ■ <i>Manufacture of fruit and vegetable products</i> ■ <i>Sugar mills</i> ■ <i>Manufacturing and bottling of soft drinks and water bottling</i> ■ <i>Production of alcoholic beverages in breweries, wineries and malt houses</i> ■ <i>Manufacturing of animal feed from plant or animal products</i> ■ <i>Manufacturing of gelatin and of glue from hides, skin and bones</i> ■ <i>Abattoirs</i> ■ <i>Fish processing and feedlots.</i>
CATEGORIES OF MINES	<ul style="list-style-type: none"> ■ <i>Mines are classified into 3 categories, according to the potential impacts that may occur on water resources due to mining activity:</i> ■ <i>Category A,B and C.</i>
Category A mines	<ul style="list-style-type: none"> ■ <i>All gold and coal mines, irrespective of size.</i> ■ <i>Any mine with any kind of extractive metallurgical process, including heap leaching. This includes most other precious and base metal mines;</i> ■ <i>and</i> ■ <i>Any mine where pyrite occur in mineral deposit.</i>
Category B mines	<ul style="list-style-type: none"> ■ <i>Mines with potentially significant and/or permanent impact only on non-water quality aspects of the water environment, such as yield or availability of water, dynamics of the river, riparian use etc.</i>
Category C mines	<ul style="list-style-type: none"> ■ <i>All other mines, including big mines with no significant impact on the water environment, and small- or low-impact mines and prospecting operations.</i>
DAMS WITH A SAFETY RISK	<ul style="list-style-type: none"> ■ <i>Storing water is a water use, as outlined in 21(b) below. Safety of dams is also regulated in terms of Chapter 12 of the Act and the Dam Safety Regulations (Government Notice R1560 of 25 July 1986).</i> <ul style="list-style-type: none"> - <i>Registration of dams with a safety risk is required in terms of section 120 of the Act.</i> - <i>These are dams with a storage capacity larger than 50 000 cubic metres and have a dam wall higher than 5 metres, or have been declared as a category of dams or a dam with a safety risk by the Minister.</i> - <i>A dam is any structure which is capable of containing, storing or impounding water. This includes weirs, even though these may not have been constructed for the purpose of storing water.</i>

DOMESTIC WASTEWATER	<ul style="list-style-type: none"> Domestic wastewater consists of 90% or more wastewater by volume that arises from domestic and commercial activities and premises, and may contain sewage. Domestic wastewater includes household waste from washing, bathing, toilets.
MANAGEMENT PRACTICE CLASSIFICATION	<ul style="list-style-type: none"> Applicable to all non-point source (NPS) related water use in respect of section 21e/g Management practice classification will distinguish between best, standard and poor practice: <ul style="list-style-type: none"> -Best Practice -Standard -Poor
INDUSTRIAL WASTEWATER	<ul style="list-style-type: none"> Industrial wastewater consists of 10% or more wastewater by volume that arises from industrial activities and premises. Industrial wastewater may also contain domestic wastewater and sewage. Industrial wastewater is generated by a wide range of activities such as: <ul style="list-style-type: none"> - Chemical industries - Metal plating - Plastics - Leather processing - Pulp and paper manufacture.
NON-POINT SOURCE DISCHARGE	<ul style="list-style-type: none"> Discharge to a land-based facility where impact to a water resource, either ground or surface water is indirect. NPS sources include waste disposal sites, tailing dams and agricultural activities
POINT SOURCE DISCHARGE	<ul style="list-style-type: none"> Discharge directly to a water resource through a conduit such as a canal, pipe, and outfall. The point of discharge to the water resource is easily identifiable and measurable.
POLLUTION	<p>Pollution is the direct or indirect alteration of the physical, chemical or biological properties of a water resource so as to make it</p> <ol style="list-style-type: none"> less fit for any beneficial purpose for which it may reasonably be expected to be used; or harmful or potentially harmful- <ul style="list-style-type: none"> - to the welfare, health or safety of human beings; - to any aquatic or non-aquatic organisms; - to the resource quality; or - to property.
WASTE	<p>Waste includes any material that is dissolved, suspended or transported in water and which is spilled or deposited on land or into a water resource in such volume, composition or manner as to cause, or to be reasonably likely to cause, the water resource to be polluted</p>

WASTE MANAGEMENT FACILITY	<p><i>Disposing of waste in a manner which may impact on water resources is a water use, described in 21(g) under the definition for Water Uses below. Disposal of waste is also regulated in terms of section 20 of the Environment Conservation Act, 1989 (Act No. 73 of 1989). Waste management facilities refer to disposal of waste or discharge of wastewater to a land-based facility. This includes evaporation ponds, tailings dams, landfills, sewage treatment works etc.</i></p>
WASTE SITES	<p><i>Disposing of waste in a manner which may impact on water resources is a water use, described in 21(g) under the definition for Water Uses below. Disposal of waste is also regulated in terms of section 20 of the Environment Conservation Act, 1989 (Act No. 73 of 1989).</i></p> <ul style="list-style-type: none"> ■ <i>Waste disposal sites must be registered in terms of section 20(4) of the Environment Conservation Act.</i> ■ <i>Waste disposal sites include landfills, municipal dumps, co-disposal sites, etc.</i> ■ <i>Some categories of waste are excluded from registration of waste sites, such as industrial ash dumps and mine dumps. Also excluded are soak- aways, french drains, conservancy tanks, pit latrines and other onsite disposal of household waste.</i> ■ <i>These excluded categories are regulated under the National Water Act as outlined in 21(g) below.</i>
WASTEWATER	<p><i>Wastewater is water containing waste, or water that has been in contact with waste material.</i></p> <ul style="list-style-type: none"> ■ <i>Wastewater includes</i> <ul style="list-style-type: none"> - <i>domestic wastewater</i> - <i>biodegradable industrial wastewater</i> - <i>industrial wastewater</i>
PART 1	<ul style="list-style-type: none"> ■ <i>Part 1 refers to an Applicant's Information.</i>
PART 2	<ul style="list-style-type: none"> ■ <i>Part 2 refers to the applicant's water use related information.</i>
SUPPLEMENTARY FORMS	<ul style="list-style-type: none"> ■ <i>With respect to this guide it refers to forms which details the information about the property where the water use takes place and information about property owner</i>
WATER RESOURCE	<p><i>A water resource is:</i></p> <ul style="list-style-type: none"> ■ <i>a river or a spring;</i> ■ <i>a natural channel in which water flows regularly or intermittently;</i> ■ <i>a wetland, lake or dam into which, or from which, water flows;</i> ■ <i>any collection of water which the Minister may declare to be a watercourse; and</i> ■ <i>surface water, estuaries and aquifers (underground water).</i> <p><i>All water bodies in the hydrological cycle, including underground water, are regarded as water resources.</i></p>

WATER USES	<p>Eleven different water uses are listed in Section 21 (a) to (k) of the Act. Waste Discharge related are Outlined briefly outlined below (for Raw Water related refer to Registration Guide: Raw Water Uses available at the website http://www.dwa.gov.za/Projects/WARMS/registration.asp .</p>
S21(e) of Act Engaging in a controlled activity identified as such in section 37(1) or declared in section 36	<ul style="list-style-type: none"> ■ Currently, the following are controlled activities: <ul style="list-style-type: none"> - irrigating with waste water; - modification of atmospheric precipitation (cloud seeding); - power generation which alters the flow regime of a water resource; and - intentional recharge of underground water with waste water. ■ A common controlled activity is irrigation with wastewater, typically from a water treatment works. <p><i>This can be a productive use of water if a crop is grown with the wastewater.</i></p>
S21(f) of Act Discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduit	<ul style="list-style-type: none"> ■ This water use entails the discharge of waste or wastewater directly into a water resource. ■ Common examples of this water use are waste released into a river or dam at a discharge point such as waste water from factories, or partially treated wastewater from treatment plants. ■ Waste discharged into a municipal sewer is NOT included in this water use. However, the waste discharged by the municipal treatment works into a water resource IS an example of this water use.
S21(g) of Act Disposing of waste in a manner which may detrimentally impact on a water resource	<ul style="list-style-type: none"> ■ This is typically disposal that takes place into on-site facilities such as french drains, conservancy tanks, pit latrines and soak-aways. ■ Another example of this water use is disposal into wastewater treatment systems, such as oxidation ponds that do not have an outlet into a water resource. If the oxidation pond has an outflow into a river or dam, it is defined as water use 21(f) above for discharging waste water into a water resource. ■ Evaporation dams are a further common example of this water use.
S21(h) of Act Disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process	<p><i>This water use refers specifically to the temperature of the wastewater which may have a significant effect on the environment.</i></p> <ul style="list-style-type: none"> ■ This water use also refers to discharges to the marine environment (sea, surf-zone)
S21(j) of Act Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation	<p><i>This water use applies when water must be removed for efficiency or safety reasons.</i></p> <p><i>An example of this use is to ensure safety in underground mining.</i></p> <p><i>Many construction sites also require underground water to be removed.</i></p> <p><i>This water use does NOT apply to the taking of water referred to in 21(a) above.</i></p>

SECTION 4

4. PERMISSIBLE WATER USE

USE OF WATER	<p><i>Permissible water use is described in section 22 of the Act as:</i></p> <ul style="list-style-type: none"><i>Schedule 1 use</i><i>Continuation of an existing lawful use</i><i>Use authorised under a General Authorisation</i><i>Licensed use.</i> <p><i>An overview of these mechanisms for regulating water use is provided below.</i></p>
SCHEDULE 1 USE OF WATER	<p><i>"Schedule 1" refers to Schedule 1 of the Act which lists a range of permissible water use.</i></p> <p><i>Schedule 1 water use is NOT required to be either registered or licensed.</i></p>
<i>Schedule 1 in Detail</i>	<ul style="list-style-type: none"><i>The following water use detailed in Schedule 1 need NOT be registered:</i><i>Taking water directly from any water resource to which a person has lawful access, for:</i><ul style="list-style-type: none"><i>Reasonable domestic use in a person's household;</i><i>small gardening (but not for commercial purposes); and</i><i>the watering of animals (but not for commercial purposes, thus excluding feedlots), provided that the use is not excessive in relation to the capacity of the water resource and the needs of other users.</i><i>Storing and using run-off water from a roof.</i><i>In emergency situations, taking water from any water resource for human needs or fire fighting.</i><i>Recreation, if a person has lawful access to that water resource.</i><i>Discharge of waste or water containing waste or run-off water (including stormwater) into a canal, sea outfall or other conduit, provided these are controlled by persons that have been authorised to purify, treat or dispose of this wastewater.</i>
EXISTING LAWFUL USE OF WATER	<ul style="list-style-type: none"><i>Existing Lawful Use means any lawful use of water authorised by or under any law which took place at any time during the period from 1 October 1996 to 30 September 1998, i.e. the two years before the National Water Act came into effect.</i><i>Stream flow reduction activities and controlled activities also fall under the requirements of existing lawful use (see Section 2 21(d) above for definitions). Existing Lawful Users can be required to register their use in terms of a Notice issued under the Registration Regulations.</i>
GENERAL AUTHORISATION TO USE WATER	<ul style="list-style-type: none"><i>A General Authorisation is an authorisation to use water without a licence, provided that the water use is within the limits and conditions set out in the General Authorisation.</i><i>General Authorisations apply only to NEW water use that took place after 1 October 1999 when the Act was fully promulgated. This means that General Authorisations are not retro-active or "back-dated".</i><i>Schedule 1 water uses are not included under the General Authorisations, as they are already permissible in terms of the Act and do not require further authorisation.</i>

REGISTRATION AND THE GENERAL AUTHORISATIONS	<p><i>The General Authorisations describe the conditions under which a water use must be registered. Water users must acquaint themselves with the terms and conditions of the General Authorisations, as there are specific conditions applicable to certain water use.</i></p> <p><i>For new water use that started after 8 October 1999 and does NOT fall within the areas or limits set out in the General Authorisation, the user must approach the Department for a licence.</i></p> <p><i>The requirements for registration outlined in the five General Authorisations that were published in Government Gazette No. 20526, dated 8 October 1999, are summarised below (note that further General Authorisations will be published in future).</i></p> <p><i>http://www.dwa.gov.za/Documents/Notices/GA%2026%20March%20sec%2021-a%20and%20b.doc</i></p> <p><i>http://www.dwa.gov.za/Documents/Notices/GA%2021(C)%20(1)%20(J).doc</i></p>
LICENCES AND THE GENERAL AUTHORISATIONS	<p><i>Any new water user who does not comply with the terms and conditions of the General Authorisations must approach the Department for a licence.</i></p>

SECTION 5

5. OVERVIEW OF REGISTRATION FORMS

REGISTRATION FORMS	<p>Registration forms consist of Part 1 and Part 2 as well Supplementary forms.</p> <ul style="list-style-type: none">• Part 1 forms – information on the water user• Part 2 forms – information about the water use.• Supplementary forms – additional information that may be needed. <p>One Part 1 form (refer Registration Guide: Water Users), one or more Part 2 forms and DW901/DW902 (also refer to Registration Guide: Raw Water Uses) must be completed to register a water use. For more detail information refer to website: http://www.dwa.gov.za/Projects/WARMS/Registration/registration1.asp</p>
AMENDMENTS TO WATER USE DETAILS	<p>Details about a registered water use may be amended on any registration form:</p> <ul style="list-style-type: none">• quote the Register Number allocated when the water use was first registered• amend the registered water use details on a new Part 2 form.
ADD A NEW WATER USE	<p>A registered water user may register additional water uses:</p> <ul style="list-style-type: none">• quote the Register Number• give the new water use details on a new Part 2 form.
SURRENDER OF A REGISTERED WATER USE	<p>Once registered, a water use may be surrendered if the activity ceases to take place.</p> <ul style="list-style-type: none">• quote the Register Number and indicate which water use/s are to be surrendered.

REGISTRATION FORM NUMBERS	<i>The numbers of the various kinds of registration forms that may have to be utilised for the registration of raw water use are provided below</i>
REGISTRATION PART 2 FORMS	<ul style="list-style-type: none"> ■ <i>DW 765 Engaging in a controlled activity: Irrigation of any land with waste or water containing waste generated through any industrial activity or by a waterwork</i> ■ <i>DW 766 Discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduit</i> ■ <i>DW 767 Disposing of waste in a manner which may detrimentally impact on a water resource</i> ■ <i>DW 780 Disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process</i> ■ <i>DW 805 Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people</i>
SUPPLEMENTARY FORM NUMBERS	<ul style="list-style-type: none"> ■ <i>DW 901 Property where water use occurs</i> ■ <i>DW 902 Details of property owner</i> ■ <i>DW 903 Compliance management information: Actual/Monitored Waste Discharge Details applicable for sections 21 (f) and (h)</i> ■ <i>DW 904 Compliance management information: Actual/Monitored Waste Discharge Details applicable for sections 21 (e) and (g)</i> ■ <i>DW 905 Supporting technical information for waste disposal facilities (21g water uses)</i>
IMPORTANT NOTES WHEN COMPLETING YOUR FORMS	<p><i>Make sure you have the correct Part 1 form and all the Part 2 forms you need.</i></p> <p><i>Please write clearly in black ink. -</i></p> <p><i>Use capital letters.</i></p> <p><i>Use one letter or digit per square.</i></p> <ul style="list-style-type: none"> ■ <i>Always start on the first square on the left.</i> ■ <i>This document is also trying to standardise certain components.</i> <p><i>Return completed forms to the nearest office of the Department.</i></p> <p><i>A Registration Certificate cannot be issued unless the information is complete.</i> <i>The Department may return any incomplete forms received.</i></p>

SECTION 6

6. HOW TO COMPLETE REGISTRATION PART 2 FORMS

PART 2 FORMS	<p><i>Part 2 forms require information on:</i></p> <ul style="list-style-type: none">■ the water resource (see definition in Section 3)■ water use and related activities (see definition in Section 3)■ existing authorisations or permits (see Existing Lawful Use of water in Section 4) <p><i>More than one Part 2 form may need to be completed. For example a municipality operating a sewage treatment works, discharges a portion of the final effluent into a water resource and irrigates a golf course with the remainder of the effluent must complete the following:</i></p> <ul style="list-style-type: none">- a DW765 form for irrigating with wastewater;- a DW766 form for discharging wastewater into a water resource and- a DW767 form for the sewage treatment works which is defined as disposing of waste in a manner which may detrimentally impact on a water resource.
AMENDMENTS	<p><i>Part 2 forms allow existing registered use to be amended.</i></p> <ul style="list-style-type: none">• Quote the Register Number and complete a Part 1 form.• Complete a Part 2 form for the use that must be amended.
EXISTING AUTHORISATIONS	<p><i>Existing authorisations may be-</i></p> <ul style="list-style-type: none">- Existing Lawful Use (defined in Section 4) or- General Authorisations (defined in Section 4). <p><i>Where applicable please supply the number of each permit or other authorisation in respect of each water use.</i></p> <p><i>Where no permit or authorisation was obtained ignore this section.</i></p>

Registration Part 2E: Engaging in a Controlled Activity: irrigation of any land with waste or water containing waste generated through any industrial activity or by a waterworks

*This form is intended for the **Controlled Activity of Irrigating with Wastewater**.*

Irrigating with wastewater is NOT the same as irrigation with water taken from a water resource.

Irrigating with wastewater can be seen as an extended form of wastewater treatment, whereby a water user may be unable to treat the wastewater to an acceptable quality and return it to a resource.

In irrigating this wastewater instead of discharging it, the possible impacts on the resource are minimised.

Irrigation with wastewater should be carried out in such a manner that a crop is produced through the irrigation process. This is an indication that the irrigation is sustainable, and is not causing deterioration to the soil.

Irrigation of lawns and pasture with wastewater is also acceptable. However, irrigation of undeveloped veld without growing a crop is not considered to be a productive water use activity.

Irrigation with wastewater must comply with any Health Regulations and zoning by-laws.

SECTIONS ON FORM	EXPLANATIONS
1. GENERAL INFORMATION	<i>Mark the applicable options with an X and/or complete details where applicable.</i>
1.1. Indicate the nature of this application	<ul style="list-style-type: none"> ■ Indicate if the application is an application for a water use license in terms of section 21 of the NWA or whether the application is only to register the water use. An application for a license will include registration by the Department. Registration of the water use is NOT an authorization and the application will not be processed for a license.
1.2 Have you already registered a water use with the Department of Water Affairs?	<ul style="list-style-type: none"> ■ If the water use has been registered with the Department, and/or a license issued, provide the registration number and/or water use number provided on the registration certificate.
1.3. Indicate if Section 21 (j) is applicable to this water use application	<ul style="list-style-type: none"> ■ Indicate if the wastewater being irrigated comprises of water obtained through dewatering of water found underground. If so, ensure that a DW805 form is completed.
1.4 Do you have a license, permit or exemption for this waste discharge?	<ul style="list-style-type: none"> ■ The purpose of this section is to determine whether the water use is considered an Existing Lawful Use. If you have been issued with license, permit or exemption in terms of any of the environmental legislations as mentioned please provide the reference number that is provided on the relevant authorization.
1.5 BBBEE Status	<p><i>If the application is for a water use license (and the applicant type is Company / Individual / Water User Association WUA), and you have been Broad-Based Black Economic Empowerment (B- BBEE) certified, the following must be completed:</i></p> <p><i>Mark only one of the following options with an X</i></p> <ul style="list-style-type: none"> ■ Historically Disadvantaged Individual (HDI) ■ Historically Advantaged Individual (HAI) ■ Black Economic Empowerment (BEE) Compliant <p><i>If one of the above-mentioned (B-BBEE) statuses was selected, the last (i.e. most recent) BBBEE status certification date must be completed in the space provided.</i></p>

Compulsory Licence	<p><i>This field indicates if the application is to be regarded as being subject to (or part of) a 'compulsory licensing' drive (refer the following extract from the NWA: "Part 8: Compulsory licences for water use in respect of specific resource.")</i></p> <p><i>Part 8: Compulsory licences for water use in respect of specific resource</i> <i>This Part establishes a procedure for a responsible authority to undertake compulsory licensing of any aspect of water use in respect of one or more water resources within a specific geographic area. It includes requirements for a responsible authority to prepare schedules for allocating quantities of water to existing and new users. The procedure is intended to be used in areas which are, or are soon likely to be, under "water stress" (for example, where the demands for water are approaching or exceed the available supply, where water quality problems are imminent or already exist, or where the water resource quality is under threat), or where it is necessary to review prevailing water use to achieve equity of access to water.</i></p> <p><i>In such cases the responsible authority must publish a notice in the Gazette and other appropriate media, requiring people to apply for licences in the designated area. Applicants may be required to submit additional information, and may also be required to undertake an environmental or other assessment, which assessment may be subject to independent review.</i></p> <p><i>In determining the quantities of water to be allocated to users, the responsible authority must consider all applications received, and draw up a schedule detailing how the available water will be allocated among the applicants. In drawing up an allocation schedule the responsible authority must comply with the plans, strategies and criteria set out elsewhere in the Act and must give special consideration to certain categories of applicants. A responsible authority need not allocate all the available water in a water resource, and may reserve some of the water for future needs. Provision is also made for any water still available after the requirements of the Reserve, international obligations and corrective action have been met to be allocated on the basis of public auction or tender. A system of objections and appeals in relation to proposed and preliminary allocation schedules ensures that licences may be issued only after the allocation schedule has been finalised.</i></p> <p><i>Licences issued under this Part replace previous entitlements to any existing lawful water use by the applicant.</i></p>
Declaration by Applicant	<ul style="list-style-type: none"> ■ <i>Individual applicants must sign and date the form themselves.</i> ■ <i>In the case of a power of attorney a certified copy of the appointment must be attached to the application form.</i> ■ <i>Use of a thumbprint in the space provided will be acceptable in some cases as an alternative to an applicant's signature</i>
2. DESCRIPTION OF WASTE GENERATED	<p><i>The purpose of this section is to obtain information on how the wastewater is generated and the nature and composition of the wastewater.</i></p>

2.1 Select the sector that generates the waste or wastewater which this application refers to	<ul style="list-style-type: none"> ■ Select one of the broad waste generating sectors (Agriculture, Domestic, Industry and Mining) from which the waste is generated ■ Feedlots as well as piggeries, dairies, poultry etc should be regarded as "Intensive Animal Husbandry" ■ If more than one sector is applicable complete a separate form for each sub-sector together with all the other forms.
2.2 Describe the nature of the wastewater	<ul style="list-style-type: none"> ■ See definition of wastewater in Section 3 ■ This section describes the flow and quality characteristics of the wastewater ■ Select an option/s best describe the nature of the wastewater ■ If the nature of the wastewater is best describe by means of a combination of the descriptions both options could be selected
2.3 Describe the composition of the wastewater	<ul style="list-style-type: none"> ■ Select an option/s that best describe the composition of the wastewater ■ This section describes the organic and inorganic solid matter composed in wastewater and this matter will be in the form of dissolved and suspended solids ■ This option is for any combination of domestic and biodegradable industrial wastewater. ■ The percentage by volume is the proportion of the total wastewater that is made up of industrial wastewater.
2.4 Describe activity that generates wastewater	<ul style="list-style-type: none"> ■ Please provide a clear description of the activity on how the waste/wastewater is generated.
2.5 DETAILS OF WATER USE	<i>This section describes the volume and concentration of the wastewater as well as details of the crop/s being irrigated.</i>
2.5.1 Water use start & end date	<ul style="list-style-type: none"> ■ Include start date of water use and end date (Where applicable)
2.5.2 Portion of property/Land under irrigation	<ul style="list-style-type: none"> ■ Give the total area in hectares that is irrigated with wastewater, at any given time.
2.5.3 Crops under wastewater irrigation	<ul style="list-style-type: none"> ■ List the crop types to be irrigated with wastewater ■ Each crop grown on the field should be entered on a separate line. If the same field is used to cultivate seasonal crops, a separate entry with the same field number but for different crop must be made
2.5.4 Volume of wastewater irrigated	<ul style="list-style-type: none"> ■ The total volume of wastewater irrigated is the wastewater applied to the land area specified in 2.1. This volume should not include any rainwater or stormwater runoff that is also irrigated during the year. ■ Many wastewater irrigation activities take place only at certain times of the year. Indicate the volume irrigated per month, or alternatively give the percentage of the total amount as an estimate.
2.5.5 Monthly irrigation pattern	<ul style="list-style-type: none"> ■ Many wastewater irrigation activities take place only at certain times of the year. Indicate the volume irrigated per month, or alternatively give the percentage of the total amount as an estimate.

2.5.6 Origin of irrigated wastewater	<p>The purpose of this section is to obtain information on the source of wastewater being irrigated. The source water could be:</p> <ul style="list-style-type: none"> ■ Water removed from underground (21j water use); ■ Wastewater from a waste management facility such as a sewage treatment works;
2.5.7 Registered waste discharge information	<ul style="list-style-type: none"> ■ Indicates the quality and quantity of wastewater discharged or irrigated. ■ The total volume of wastewater irrigated per year must preferable be stated in cubic meters (m³). Wastewater quality and quantity are crucial to calculate waste load per variable that may be subjected to the WDCS. ■ Load calculations will be completed by the Department
2.5.8 Description of management measures	<ul style="list-style-type: none"> ■ Tick each option applicable to the management practice associated with the particular irrigation with wastewater. ■ Note: the management practice will be classified as either best, standard or poor practice based on the options identified in this section; ■ The calculation of waste load contribution will be based on a % proportion as a result of the management practice
3. RECEIVING ENVIRONMENT/ RECEPTOR	<ul style="list-style-type: none"> ■ This section will address the resource that needs to be protected and the applicable catchment where the water use is occurring.
3.1 Description of nearby water resources	<ul style="list-style-type: none"> ■ Requires information on the nearby water resource which is likely to be affected by discharged or irrigated wastewater
3.1.1 Description of surface water resources	<p>A surface water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ a river or a stream as a natural channel in which water flows regularly or intermittently ■ a wetland, lake or dam into which, or from which, water flows; any collection of water which the Minister may declare to be a watercourse such as GWS; and ■ estuaries and marine <p>Select only one option with X</p> <ul style="list-style-type: none"> ■ If "other" is selected provide a clear description ■ Provide the name of the nearest surface water resource e.g. Rietvlei or orange River ■ Provide the distance in meters to the nearest surface water resource e.g. 1500m
3.1.2 Description of groundwater resources	<p>A ground water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ An aquifer in which underground water is obtained through a spring or eye, borehole, ground water Government Water Scheme (GWS) or boreholes and windmills on Government land <p>Select one option with a X for the type of groundwater resource nearest to the location where the discharge is taking place</p> <ul style="list-style-type: none"> ■ If "other" is selected provide a concise description ■ If an indicated type of selection had been made provide the name or description of the nearest ground water resource ■ Provide the distance in meters to the nearest ground water resource e.g. 1000m
3.2 Location of area irrigated with waste or water containing waste	<ul style="list-style-type: none"> ■ Complete the geographical location information of the area irrigated with wastewater

3.2.1 Geographical location for each of the external corner points of the area	<ul style="list-style-type: none"> ■ Enter the geographic location in degrees (°), minutes (') and seconds ("), or in decimal degrees or in degrees (°) and decimal minutes (') of each of the external corner points of the area ■ At least three external corner points must be provided ■ Indicate the Datum Type used by means of X
3.2.2 Drainage region details	<ul style="list-style-type: none"> ■ Indicate the drainage region or quaternary catchment where wastewater irrigation activity occurred
3.2.3 Property relationship details (Note: Supplementary forms DW901 and DW902 must be completed)	<p>If property is unsurveyed:</p> <ul style="list-style-type: none"> ■ Water use on unsurveyed property may be registered on behalf of the village or community who owns or occupies the land. ■ Unsurveyed property includes communal lands, tribal lands and some of the lands in the former homelands. ■ Supply the magisterial district or local authority. ■ Supply the surname and initials of village leader, community or tribal authority <p>If property is surveyed:</p> <ul style="list-style-type: none"> ■ All the necessary information for surveyed properties is available in the office of the Surveyor-General and must be correctly supplied.
4 List of supporting technical information	<p>Mark with an X, the technical information that supports this registration (optional) or license application (compulsory)</p> <ul style="list-style-type: none"> ■ Indicate which applicable DW forms are accompanying this DW765 form
5. Section is reserved for office use only	<p>This section is to be utilised by the office (that will receive and process your application) to address information related to the following:</p> <ul style="list-style-type: none"> ▶ Management Classification Details ▶ Succession transfer and source part 2 details ▶ District Municipality ▶ Billing information <ul style="list-style-type: none"> ○ Applicant to be billed (directly) as Water User or to be billed via a WUA/WSP ○ Bill incentive charge (also referred to as 'Waste Discharge Levy') details ○ Billing Frequency ○ If to be billed via WUA/WSP details ○ If this WU is to be billed via a Bulk Billing Party (that is not a WSP/WUA) details ▶ Waste management scheme information ▶ Late registration penalty ▶ Authorisation details <ul style="list-style-type: none"> ○ Water use takes/took place in terms of the General Authorisation ○ If an authorisation has been issued under other legislation – provide the Law/Regulation details if known/available. ○ If this application represents a licence related water use (new licence application or previously submitted application) – complete following details if known/available. ▶ The office (that will receive and process your application) will in this section also: <ul style="list-style-type: none"> ○ Allocate a file number (i.e. Office Hardcopy Register File No) to the application. ○ Indicate which water use Register number was allocated to this application. ○ Etc.

Registration Part 2F: Discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduit

- This form is for discharge of wastewater directly into a surface water resource, usually through a pipe or canal.
- Discharge of wastewater into an aquifer, or into groundwater is NOT included in this water use. This is a controlled activity (see Section 3 for definition).
- Commonly, water containing domestic or industrial waste is discharged.

SECTIONS ON FORM	EXPLANATIONS
1. GENERAL INFORMATION	<i>Mark the applicable options with an X and/or complete details where applicable.</i>
<i>1.1. Indicate the nature of this application</i>	<ul style="list-style-type: none"> ■ Indicate if the application is an application for a water use license in terms of section 21 of the NWA or whether the application is only to register the water use. An application for a license will include registration by the Department. Registration of the water use is NOT an authorization and the application will not be processed for a license.
<i>1.2 Have you already registered a water use with the Department of Water Affairs?</i>	<ul style="list-style-type: none"> ■ If the water use has been registered with the Department, and/or a license issued, provide the registration number and/or water use number provided on the registration certificate.
<i>1.3. Indicate if Section 21 (j) is applicable to this water use application</i>	<ul style="list-style-type: none"> ■ Indicate if the wastewater being discharged to a water resource comprises of water obtained through dewatering of water found underground. If so, ensure that a DW805 form is completed.
<i>1.4 Do you have a license, permit or exemption for this waste discharge?</i>	<ul style="list-style-type: none"> ■ The purpose of this section is to determine whether the water use is considered an Existing Lawful Use. If you have been issued with license, permit or exemption in terms of any of the environmental legislations as mentioned please provide the reference number that is provided on the relevant authorization.
1.5 BBBEE Status	<p><i>If the application is for a water use license (and the applicant type is Company / Individual / Water User Association (WUA), and you have been Broad-Based Black Economic Empowerment (B- BBEE) certified, the following must be completed:</i></p> <p><i>Mark only one of the following options with an X</i></p> <ul style="list-style-type: none"> ■ Historically Disadvantaged Individual (HDI) ■ Historically Advantaged Individual (HAI) ■ Black Economic Empowerment (BEE) Compliant <p><i>If one of the above-mentioned (B-BBEE) statuses was selected, the last (i.e. most recent) BBBEE status certification date must be completed in the space provided.</i></p>

<p>Compulsory Licence</p>	<p><i>This field indicates if the application is to be regarded as being subject to (or part of) a 'compulsory licensing' drive (refer the following extract from the NWA: "Part 8: Compulsory licences for water use in respect of specific resource.")</i></p> <p><i>Part 8: Compulsory licences for water use in respect of specific resource</i> <i>This Part establishes a procedure for a responsible authority to undertake compulsory licensing of any aspect of water use in respect of one or more water resources within a specific geographic area. It includes requirements for a responsible authority to prepare schedules for allocating quantities of water to existing and new users. The procedure is intended to be used in areas which are, or are soon likely to be, under "water stress" (for example, where the demands for water are approaching or exceed the available supply, where water quality problems are imminent or already exist, or where the water resource quality is under threat), or where it is necessary to review prevailing water use to achieve equity of access to water.</i></p> <p><i>In such cases the responsible authority must publish a notice in the Gazette and other appropriate media, requiring people to apply for licences in the designated area. Applicants may be required to submit additional information, and may also be required to undertake an environmental or other assessment, which assessment may be subject to independent review.</i></p> <p><i>In determining the quantities of water to be allocated to users, the responsible authority must consider all applications received, and draw up a schedule detailing how the available water will be allocated among the applicants. In drawing up an allocation schedule the responsible authority must comply with the plans, strategies and criteria set out elsewhere in the Act and must give special consideration to certain categories of applicants. A responsible authority need not allocate all the available water in a water resource, and may reserve some of the water for future needs. Provision is also made for any water still available after the requirements of the Reserve, international obligations and corrective action have been met to be allocated on the basis of public auction or tender. A system of objections and appeals in relation to proposed and preliminary allocation schedules ensures that licences may be issued only after the allocation schedule has been finalised.</i></p> <p><i>Licences issued under this Part replace previous entitlements to any existing lawful water use by the applicant.</i></p>
<p>Declaration by Applicant</p>	<ul style="list-style-type: none"> ■ <i>Individual applicants must sign and date the form themselves.</i> ■ <i>In the case of a power of attorney a certified copy of the appointment must be attached to the application form.</i> ■ <i>Use of a thumbprint in the space provided will be acceptable in some cases as an alternative to an applicant's signature</i>

2. DESCRIPTION OF WASTE GENERATED	<i>The purpose of this section is to obtain information on how the wastewater is generated and the nature and composition of the wastewater.</i>
<i>2.1 Select the sector that generates the waste or wastewater which this application refers to</i>	<ul style="list-style-type: none"> ■ <i>Select one of the broad waste generating sectors (Agriculture, Domestic, Industry and Mining) from which the waste is generated</i> ■ <i>Feedlots as well as piggeries, dairies, poultry etc should be regarded as "Intensive Animal Husbandry"</i> ■ <i>If more than one sector is applicable complete a separate form for each sub-sector together with all the other forms.</i>
<i>2.2 Describe the nature of the wastewater</i>	<ul style="list-style-type: none"> ■ <i>See definition of wastewater in Section 8</i> ■ <i>This section describes the flow and quality characteristics of the wastewater</i> ■ <i>Select an option/s best describe the nature of the wastewater</i> ■ <i>If the nature of the wastewater is best described by means of a combination of the descriptions both options could be selected</i>
<i>2.3 Describe the composition of the wastewater</i>	<ul style="list-style-type: none"> ■ <i>Select an option/s that best describe the composition of the wastewater</i> ■ <i>This section describes the organic and inorganic solid matter composed in wastewater and this matter will be in the form of dissolved and suspended solids</i> ■ <i>This option is for any combination of domestic and biodegradable industrial wastewater.</i> <i>-The percentage by volume is the proportion of the total wastewater that is made up of industrial wastewater.</i>
<i>2.4 Describe activity that generates wastewater</i>	<ul style="list-style-type: none"> ■ <i>Please provide a clear description of the activity on how the waste/wastewater is generated.</i>
2.5 DISCHARGE TO A WATER RESOURCE	<ul style="list-style-type: none"> ■ <i>This section describes volumes and concentrations of the wastewater.</i>
<i>2.5.1 Water use start & end date</i>	<ul style="list-style-type: none"> ■ <i>Include start date of water use and end date (Where applicable)</i>
<i>2.5.2 Total volume of waste/ wastewater discharged per year</i>	<ul style="list-style-type: none"> ■ <i>Discharge may occur at different rates during the year. Indicate the exact volume discharged per year and the maximum discharged on any given day.</i> ■ <i>The total volume of waste water discharged per year must preferably be stated in cubic metres (c³m)</i> ■ <i>The total volume of waste discharged per year should be based on the average volume</i>
<i>2.5.3 Maximum volume of waste/ wastewater discharged on any given day</i>	<ul style="list-style-type: none"> ■ <i>Requires maximum volume of waste/ wastewater discharge into a water resource in cubic meters (m³) on any given day.</i>

2.5.4 Monthly discharge pattern	<ul style="list-style-type: none"> ■ Select with a “X” in the appropriate box the option in which the monthly discharge pattern is expressed ■ If a unit of measure other than cubic meters or percentage is selected specify the unit in the space provided ■ Specify the annual waste discharge pattern by stating the minimum, maximum and average volume for each calendar month ■ The summation of the monthly average volume of waste discharged should correlate with the annual total of waste discharged
2.5.5 Intake Water	<ul style="list-style-type: none"> ■ Intake water is defined as water that is used in the waste generating activity that results in wastewater generated ■ DWA requires intake water details for the calculation of waste discharge charges ■ Indicate the source of intake water which could be either obtained from a water services provider or water user association; or obtained through one or more of the following sources: <ul style="list-style-type: none"> -Abstraction from a water resource -Wastewater from a holding facility; or -Water obtained through a dewatering process
2.5.6 Registered waste discharge information	<ul style="list-style-type: none"> ■ Indicates the quality and quantity of wastewater discharged into a water resource. ■ The total volume of wastewater discharged per year must preferable be stated in cubic meters (m³). ■ Refer to section 9 for assistance with conversion of units; ■ The total volume of wastewater discharged per year should be based on the average volume ■ Indicate the concentration of each of the applicable quality variables specified in this section ■ Intake water volumes and quality is required for calculation of waste discharges ■ Wastewater quality and quantity are crucial to calculate waste load per variable that may be subjected WDCCS. ■ Load calculations will be completed by the Department
3. RECEIVING ENVIRONMENT/ RECEPTOR	<ul style="list-style-type: none"> ■ This section will address the resource that needs to be protected and the applicable catchment where the water use is occurring.
3.1 Description of nearby water resources	<ul style="list-style-type: none"> ■ Requires information on the nearby water resource which is likely to be affected by discharged or irrigated wastewater

<p>3.1.1 Description of surface water resources</p>	<p>A surface water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ a river or a stream as a natural channel in which water flows regularly or intermittently ■ a wetland, lake or dam into which, or from which, water flows; any collection of water which the Minister may declare to be a watercourse such as GWS; estuaries and marine <p>Select only one option with X</p> <ul style="list-style-type: none"> ■ If “other” is selected provide a clear description ■ Provide the name of the nearest surface water resource e.g. Rietvlei or Orange River ■ Provide the distance in meters to the nearest surface water resource e.g. 1500m
<p>3.1.2 Description of groundwater resources</p>	<p>A ground water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ An aquifer in which underground water is obtained through a spring or eye, borehole, ground water Government Water Scheme (GWS) or boreholes and windmills on Government land. <p>Select one option with a X for the type of groundwater resource nearest to the location where the discharge is taking place</p> <ul style="list-style-type: none"> ■ If “other” is selected provide a concise description ■ If an indicated type of selection had been made provide the name or description of the nearest ground water resource ■ Provide the distance in meters to the nearest ground water resource e.g. 1000m
<p>3.2 Water resource (receiving the wastewater discharge) information</p>	<ul style="list-style-type: none"> ■ See definition of water resource in section 3. ■ This section requires the details of the water resource that the wastewater is discharged into.
<p>3.2.1 Name of the water resource receiving the wastewater discharge</p>	<ul style="list-style-type: none"> ■ If the water resources does not have a specific name, enter “no name”
<p>3.2.2 Type of the water resource receiving the waste/ wastewater discharge</p>	<ul style="list-style-type: none"> ■ The type of water resources refers to surface water bodies only. Note that only one type of resource should be selected. For registration of more than one discharge point, complete a separate DW 766 form.
<p>3.2.3 Geographical location of the discharge point</p>	<ul style="list-style-type: none"> ■ Enter the geographic location either in degrees(°), minutes(') and seconds("), or in decimal degrees. The geographic location can be read from a 1:50 000 topographic map available from the Government Printers at a nominal charge, or at the nearest office of the Department, or by using a Global Positioning System (GPS) instrument.

3.2.4 Reliability of water resources receiving waste/ wastewater	Indicate the reliability of the water resources by selecting one option only.
3.2.5 Drainage region details	<ul style="list-style-type: none"> ■ Indicate the drainage region or quaternary catchment where receiving wastewater body found
3.2.6 Property relationship details (Note: Supplementary forms DW901 and DW902 must be completed)	<p>If property is unsurveyed:</p> <ul style="list-style-type: none"> ■ Water use on unsurveyed property may be registered on behalf of the village or community who owns or occupies the land. ■ Unsurveyed property includes communal lands, tribal lands and some of the lands in the former homelands. ■ Supply the magisterial district or local authority. ■ Supply the surname and initials of village leader, community or tribal authority <p>If property is surveyed:</p> <ul style="list-style-type: none"> ■ All the necessary information for surveyed properties is available in the office of the Surveyor-General and must be correctly supplied.
4 List of supporting technical information	<p>Mark with an X, the technical information that supports this registration (optional) or license application (compulsory)</p> <ul style="list-style-type: none"> ■ Indicate which applicable DW forms are accompanying this DW766 form

5. Section is reserved
for office use only

This section is to be utilised by the office (that will receive and process your application) to address information related to the following:

- ▶ *Succession transfer and source part 2 details*
- ▶ *District Municipality*
- ▶ *Billing information*
 - *Applicant to be billed (directly) as Water User or to be billed via a WUA/WSP*
 - *Bill incentive charge (also referred to as 'Waste Discharge Levy') details*
 - *Billing Frequency*
 - *If to be billed via WUA/WSP details*
 - *If this WU is to be billed via a Bulk Billing Party (that is not a WSP/WUA) details*
- ▶ *Waste management scheme information*
- ▶ *Late registration penalty*
- ▶ *Authorisation details*
 - *Water use takes/took place in terms of the General Authorisation*
 - *If an authorisation has been issued under other legislation – provide the Law/Regulation details if known/available.*
 - *If this application represents a licence related water use (new licence application or previously submitted application) – complete following details if known/available.*
- ▶ *The office (that will receive and process your application) will in this section also:*
 - *Allocate a file number (i.e. Office Hardcopy Register File No) to the application.*
 - *Indicate which water use Register number was allocated to this application.*
 - *Etc.*

Registration Part 2G: Disposing of waste in a manner which may detrimentally impact on a water resource

- *This form is applicable to disposing of wastewater into land-based facilities such as evaporation dams, oxidation ponds or a wastewater pond system. It also applies to disposal of industrial ash and mine residue, which may consist primarily of solid waste materials.*
- *On-site disposal systems must be also registered on this form, for:*
 - *Industrial wastewater;*
 - *Domestic wastewater into communal septic tanks serving more than 50 households.*
- *This form must be accompanied by the completion of a DW905 supplementary form. Submission of a DW767 without a DW905 form would be considered as an incomplete registration.*

SECTIONS ON FORM	EXPLANATIONS
1.GENERAL INFORMATION	<i>Mark the applicable options with an X and/or complete details where applicable.</i>
<i>1.1. Indicate the nature of this application</i>	<ul style="list-style-type: none"> ■ <i>Indicate if the application is an application for a water use license in terms of section 21 of the NWA or whether the application is only to register the water use. An application for a license will include registration by the Department. Registration of the water use is NOT an authorization and the application will not be processed for a license.</i>
<i>1.2 Have you already registered a water use with the Department of Water Affairs?</i>	<ul style="list-style-type: none"> ■ <i>If the water use has been registered with the Department, and/or a license issued, provide the registration number and/or water use number provided on the registration certificate.</i>
<i>1.3. Indicate if Section 21 (j) is applicable to this water use application</i>	<ul style="list-style-type: none"> ■ <i>Indicate if the wastewater discharged to a land-based wastewater facility comprises of water obtained through dewatering of water found underground. If so, ensure that a DW805 form is completed.</i>
<i>1.4 Do you have a license, permit or exemption for this waste discharge?</i>	<ul style="list-style-type: none"> ■ <i>The purpose of this section is to determine whether the water use is considered an Existing Lawful Use. If you have been issued with license, permit or exemption in terms of any of the environmental legislations as mentioned please provide the reference number that is provided on the relevant authorization.</i>

1.5 BBEE Status

If the application is for a water use license (and the applicant type is Company / Individual / Water User Association WUA), and you have been Broad-Based Black Economic Empowerment (B- BBEE) certified, the following must be completed:

Mark only one of the following options with an X

- *Historically Disadvantaged Individual (HDI)*
- *Historically Advantaged Individual (HAI)*
- *Black Economic Empowerment (BEE) Compliant*

If one of the above-mentioned (B-BBEE) statuses was selected, the last (i.e. most recent) BBEE status certification date must be completed in the space provided.

Compulsory Licence	<p><i>This field indicates if the application is to be regarded as being subject to (or part of) a 'compulsory licensing' drive (refer the following extract from the NWA: "Part 8: Compulsory licences for water use in respect of specific resource.")</i></p> <p><i>Part 8: Compulsory licences for water use in respect of specific resource</i> <i>This Part establishes a procedure for a responsible authority to undertake compulsory licensing of any aspect of water use in respect of one or more water resources within a specific geographic area. It includes requirements for a responsible authority to prepare schedules for allocating quantities of water to existing and new users. The procedure is intended to be used in areas which are, or are soon likely to be, under "water stress" (for example, where the demands for water are approaching or exceed the available supply, where water quality problems are imminent or already exist, or where the water resource quality is under threat), or where it is necessary to review prevailing water use to achieve equity of access to water.</i></p> <p><i>In such cases the responsible authority must publish a notice in the Gazette and other appropriate media, requiring people to apply for licences in the designated area. Applicants may be required to submit additional information, and may also be required to undertake an environmental or other assessment, which assessment may be subject to independent review.</i></p> <p><i>In determining the quantities of water to be allocated to users, the responsible authority must consider all applications received, and draw up a schedule detailing how the available water will be allocated among the applicants. In drawing up an allocation schedule the responsible authority must comply with the plans, strategies and criteria set out elsewhere in the Act and must give special consideration to certain categories of applicants. A responsible authority need not allocate all the available water in a water resource, and may reserve some of the water for future needs. Provision is also made for any water still available after the requirements of the Reserve, international obligations and corrective action have been met to be allocated on the basis of public auction or tender. A system of objections and appeals in relation to proposed and preliminary allocation schedules ensures that licences may be issued only after the allocation schedule has been finalised.</i></p> <p><i>Licences issued under this Part replace previous entitlements to any existing lawful water use by the applicant.</i></p>
Declaration by Applicant	<ul style="list-style-type: none"> ■ <i>Individual applicants must sign and date the form themselves.</i> ■ <i>In the case of a power of attorney a certified copy of the appointment must be attached to the application form.</i> ■ <i>Use of a thumbprint in the space provided will be acceptable in some cases as an alternative to an applicant's signature</i>
2.DESCRPTION OF WASTE GENERATED	<p><i>Describes the nature and composition of the waste or wastewater generated.</i></p>

2.1 Select the sector that generates the waste or wastewater which this application refers to	<ul style="list-style-type: none"> ■ Select one of the broad waste generating sectors (Agriculture, Domestic, Industry and Mining) from which the waste is generated ■ Feedlots as well as piggeries, dairies, poultry etc should be regarded as “Intensive Animal Husbandry” ■ If more than one sector is applicable complete a separate form for each sub-sector together with all the other forms.
2.2 Describe the nature of the wastewater	<ul style="list-style-type: none"> ■ See definition of wastewater in Section 8 ■ Select an option/s best describe the nature of the wastewater ■ If the nature of the wastewater is best describe by means of a combination of the descriptions both options could be selected
2.3 Describe the composition of the wastewater	<ul style="list-style-type: none"> ■ Select an option/s that best describe the composition of the wastewater ■ This option is for any combination of domestic and biodegradable industrial wastewater. ■ The percentage by volume is the proportion of the total wastewater that is made up of industrial wastewater.
2.4 Describe activity that generates wastewater	<ul style="list-style-type: none"> ■ Please provide a clear description of the activity on how the waste/wastewater is generated.
2.5 DISCHARGE TO A LAND BASED FACILITY	<ul style="list-style-type: none"> ■ This section requires information on the volumes and concentration of wastewater discharged to a land-based facility.
2.5.1 Water use start & end date	Include start date of water use and end date (Where applicable)
2.5.2 Total volume of waste/ wastewater discharged per year	<ul style="list-style-type: none"> ■ Discharge may occur at different rates during the year. Indicate the exact volume discharged per year and the maximum discharged on any given day. ■ The total volume of waste water discharged per year must preferably be stated in cubic metres (c³m) ■ The total volume of waste discharged per year should be based on the average volume
2.5.3 Maximum volume of waste/ wastewater discharged on any given day	<ul style="list-style-type: none"> ■ Requires the maximum volume of waste/ wastewater discharge into a land-based facility in cubic meters (m³) per in any given day.
2.5.4 Monthly discharge pattern	<ul style="list-style-type: none"> ■ Select with a “X” in the appropriate box the option in which the monthly discharge pattern is expressed ■ If a unit of measure other than cubic meters or percentage is selected specify the unit in the space provided ■ Specify the annual waste discharge pattern by stating the minimum, maximum and average volume for each calendar month ■ The summation of the monthly average volume of waste discharged should correlate with the annual total of waste discharged

2.5.5 Intake Water	<ul style="list-style-type: none"> ■ Intake water is defined as water that used in the waste generating activity that results in wastewater generated ■ Indicate the source of intake water which could be either obtained from a water services provider or water user association; or obtained through one or more of the following sources: <ul style="list-style-type: none"> -Abstraction from a water resource -Wastewater from a holding facility; or -Water obtained through a dewatering process
2.5.6Registered waste discharge information	<ul style="list-style-type: none"> ■ Indicates the quality and quantity of wastewater discharged into a water resource. ■ The total volume of wastewater discharged per year must preferable be stated in cubic meters (m³). ■ The total volume of wastewater discharged per year should be based on the average volume ■ Indicate the concentration of each of the applicable quality variables specified in this section ■ Wastewater quality and quantity are crucial to calculate waste load per variable that may be subjected WDCCS. ■ Load calculations will be completed by the Department
3. RECEIVING ENVIRONMENT/ RECEPTOR	<ul style="list-style-type: none"> ■ This section will address the resource that needs to be protected and the applicable catchment where the water use is occurring.
3.1 Description of nearby water resources	<ul style="list-style-type: none"> ■ Requires information on the nearby water resource which is likely to be impacted by the waste facility
3.1.1 Description of surface water resources	<p>A surface water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ a river or a stream as a natural channel in which water flows regularly or intermittently ■ a wetland, lake or dam into which, or from which, water flows; ■ any collection of water which the Minister may declare to be a watercourse such as GWS; estuaries and marine ■ Select only one option with X ■ If “other” is selected provide a clear description ■ Provide the name of the nearest surface water resource e.g. Rietvlei or orange River ■ Provide the distance in meters to the nearest surface water resource e.g. 1500m

3.1.2 Description of groundwater resources	<p>A ground water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ An aquifer in which underground water is obtained through a spring or eye, borehole, ground water Government Water Scheme (GWS) or boreholes and windmills on Government land <p>Select one option with a X for the type of groundwater resource nearest to the location where the discharge is taking place</p> <ul style="list-style-type: none"> ■ If “other” is selected provide a concise description ■ If an indicated type of selection had been made provide the name or description of the nearest ground water resource ■ Provide the distance in meters to the nearest ground water resource e.g. 1000m
Name of the water resource receiving the wastewater discharge	<ul style="list-style-type: none"> ■ Requires the name of that particular water resources receiving wastewater discharge. If the water resources does not have a specific name, enter “no name”
3.2 Drainage region details	<ul style="list-style-type: none"> ■ Indicate the drainage region or quaternary catchment where receiving wastewater body found
3.2.3 Geographical location of the discharge point	<ul style="list-style-type: none"> ■ Enter the geographic location either in degrees(°), minutes(') and seconds("), or in decimal degrees. The geographic location can be read from a 1:50 000 topographic map available from the Government Printers at a nominal charge, or at the nearest office of the Department, or by using a Global Positioning System (GPS) instrument.
3.3 Property relationship details (Note: Supplementary forms DW901 and DW902 must be completed)	<p>If property is unsurveyed:</p> <ul style="list-style-type: none"> ■ Water use on unsurveyed property may be registered on behalf of the village or community who owns or occupies the land. ■ Unsurveyed property includes communal lands, tribal lands and some of the lands in the former homelands. ■ Supply the magisterial district or local authority. ■ Supply the surname and initials of village leader, community or tribal authority <p>If property is surveyed:</p> <ul style="list-style-type: none"> ■ All the necessary information for surveyed properties is available in the office of the Surveyor-General and must be correctly supplied.
4. DISPOSAL OF WASTE	<p>The purpose of this section is to obtain information on the type of waste disposed as well as the waste management facility details.</p>
4.1.1 Description of the type of waste to be disposed	<ul style="list-style-type: none"> ■ Indicate the type of waste (to be) disposed on the land-based facility. ■ More than one option can be chosen.
4.1.2 Approximate maximum volume/tonnage per site per day	<p>Indicate the maximum volume of wastewater or maximum tonnage of waste discharged per waste management facility per day.</p>

4.1.3 Approximate total tonnage per site per annum	Indicate the total tonnage of waste disposed per annum
4.2 Type of waste management facility	The purpose of this section is to obtain information on the type of waste management facility and its geographical location
4.2.1 Name of waste site or facility	Indicate the name of the waste site or facility. Ensure that the name of the site corresponds to the name on the DW905 supplementary form accompanying this registration.
4.2.2 Type of waste disposal site	<ul style="list-style-type: none"> ■ Select the applicable waste management facility. ■ Mark only one option. ■ If waste is disposed on more than one waste management facility, each waste management facility must be registered with an accompanying DW905 supplementary form. ■ Indicate, in hectares, the size of the site; ■ Indicate when disposal to the particular site started and where applicable when the disposal ceased.
4.2.3 Geographical location	<ul style="list-style-type: none"> ■ Enter the geographic location either in degrees (°), minutes (') and seconds ("), or in decimal degrees. The geographic location can be read from a 1:50 000 topographic map available from the Government Printers at a nominal charge, or at the nearest office of the Department, or by using a Global Positioning System (GPS) instrument.
4.2.4 Drainage Region Details	<ul style="list-style-type: none"> ■ Indicate the quaternary drainage region where the water use occurs.
5. List of supporting technical information	<p>Mark with an X, the technical information that supports this registration (optional) or license application (compulsory)</p> <ul style="list-style-type: none"> ■ Indicate which applicable DW forms are accompanying this DW767 form

6. Section is reserved
for office use only

This section is to be utilised by the office (that will receive and process your application) to address information related to the following:

- ▶ *Management Classification Details*
- ▶ *Waste Disposal Site (i.e. Waste Management Facility) Classification details*
- ▶ *Waste Disposal Site (i.e. Waste Management Facility) - Authorisation / Regulation Details*
- ▶ *Succession transfer and source part 2 details*
- ▶ *District Municipality*
- ▶ *Billing information*
 - *Applicant to be billed (directly) as Water User or to be billed via a WUA/WSP*
 - *Bill incentive charge (also referred to as 'Waste Discharge Levy') details*
 - *Billing Frequency*
 - *If to be billed via WUA/WSP details*
 - *If this WU is to be billed via a Bulk Billing Party (that is not a WSP/WUA) details*
- ▶ *Waste management scheme information*
- ▶ *Late registration penalty*
- ▶ *Authorisation details*
 - *Water use takes/took place in terms of the General Authorisation*
 - *If an authorisation has been issued under other legislation – provide the Law/Regulation details if known/available.*
 - *If this application represents a licence related water use (new licence application or previously submitted application) – complete following details if known/available.*
- ▶ *The office (that will receive and process your application) will in this section also:*
 - *Allocate a file number (i.e. Office Hardcopy Register File No) to the application.*
 - *Indicate which water use Register number was allocated to this application.*
 - *Etc.*

Registration Part 2H: Disposing in any manner of water which contains waste, or which has been heated in, any industrial or power generation process

- *This water use refers specifically to the temperature of the wastewater which may have a significant effect on the water resources;*
- *The discharge of heated wastewater to a water resource is defined as a 21(h) water use;*
- *Discharges to the marine environment, i.e. land-derived wastewater discharged to the sea, commonly through a sea outfall is included under section 21(h).*

SECTIONS ON FORM	EXPLANATIONS
1. GENERAL INFORMATION	<i>Mark the applicable options with an X and/or complete details where applicable.</i>
1.1. <i>Indicate the nature of this application</i>	<ul style="list-style-type: none"> ■ <i>Indicate if the application is an application for a water use license in terms of section 21 of the NWA or whether the application is only to register the water use. An application for a license will include registration by the Department. Registration of the water use is NOT an authorization and the application will not be processed for a license.</i>
1.2 <i>Have you already registered a water use with the Department of Water Affairs?</i>	<ul style="list-style-type: none"> ■ <i>If the water use has been registered with the Department, and/or a license issued, provide the registration number and/or water use number provided on the registration certificate.</i>
1.3. <i>Indicate if Section 21 (j) is applicable to this water use application</i>	<ul style="list-style-type: none"> ■ <i>Indicate if the wastewater being discharged to a water resource comprises of water obtained through dewatering of water found underground. If so, ensure that a DW805 form is completed.</i>
1.4 <i>Do you have a license, permit or exemption for this waste discharge?</i>	<ul style="list-style-type: none"> ■ <i>The purpose of this section is to determine whether the water use is considered an Existing Lawful Use. If you have been issued with license, permit or exemption in terms of any of the environmental legislations as mentioned please provide the reference number that is provided on the relevant authorization.</i>
1.5 BBBEE Status	<p><i>If the application is for a water use license (and the applicant type is Company / Individual / Water User Association WUA), and you have been Broad-Based Black Economic Empowerment (B-BBEE) certified, the following must be completed:</i></p> <p><i>Mark only one of the following options with an X</i></p> <ul style="list-style-type: none"> ■ <i>Historically Disadvantaged Individual (HDI)</i> ■ <i>Historically Advantaged Individual (HAI)</i> ■ <i>Black Economic Empowerment (BEE) Compliant</i> <p><i>If one of the above-mentioned (B-BBEE) statuses was selected, the last (i.e. most recent) BBBEE status certification date must be completed in the space provided.</i></p>

Compulsory Licence	<p><i>This field indicates if the application is to be regarded as being subject to (or part of) a 'compulsory licensing' drive (refer the following extract from the NWA: "Part 8: Compulsory licences for water use in respect of specific resource.")</i></p> <p><i>Part 8: Compulsory licences for water use in respect of specific resource</i> <i>This Part establishes a procedure for a responsible authority to undertake compulsory licensing of any aspect of water use in respect of one or more water resources within a specific geographic area. It includes requirements for a responsible authority to prepare schedules for allocating quantities of water to existing and new users. The procedure is intended to be used in areas which are, or are soon likely to be, under "water stress" (for example, where the demands for water are approaching or exceed the available supply, where water quality problems are imminent or already exist, or where the water resource quality is under threat), or where it is necessary to review prevailing water use to achieve equity of access to water.</i></p> <p><i>In such cases the responsible authority must publish a notice in the Gazette and other appropriate media, requiring people to apply for licences in the designated area. Applicants may be required to submit additional information, and may also be required to undertake an environmental or other assessment, which assessment may be subject to independent review.</i></p> <p><i>In determining the quantities of water to be allocated to users, the responsible authority must consider all applications received, and draw up a schedule detailing how the available water will be allocated among the applicants. In drawing up an allocation schedule the responsible authority must comply with the plans, strategies and criteria set out elsewhere in the Act and must give special consideration to certain categories of applicants. A responsible authority need not allocate all the available water in a water resource, and may reserve some of the water for future needs. Provision is also made for any water still available after the requirements of the Reserve, international obligations and corrective action have been met to be allocated on the basis of public auction or tender. A system of objections and appeals in relation to proposed and preliminary allocation schedules ensures that licences may be issued only after the allocation schedule has been finalised.</i></p> <p><i>Licences issued under this Part replace previous entitlements to any existing lawful water use by the applicant.</i></p>
Declaration by Applicant	<ul style="list-style-type: none"> ■ <i>Individual applicants must sign and date the form themselves.</i> ■ <i>In the case of a power of attorney a certified copy of the appointment must be attached to the application form.</i> ■ <i>Use of a thumbprint in the space provided will be acceptable in some cases as an alternative to an applicant's signature</i>
2. DESCRIPTION OF WASTE GENERATED	<p><i>Describes the nature and composition of the waste or wastewater generated.</i></p>

2.1 Select the sector that generates the waste or wastewater which this application refers to	<ul style="list-style-type: none"> ■ Select one of the broad waste generating sectors (Agriculture, Domestic, Industry and Mining) from which the waste is generated ■ Feedlots as well as piggeries, dairies, poultry etc should be regarded as "Intensive Animal Husbandry" ■ If more than one sector is applicable complete a separate form for each sub-sector together with all the other forms.
2.2 Describe the nature of the wastewater	<ul style="list-style-type: none"> ■ See definition of wastewater in Section 8 ■ This section describes the flow and quality characteristics of the wastewater ■ Select an option/s best describes the nature of the wastewater ■ If the nature of the wastewater is best described by means of a combination of the descriptions, more than one option could be selected
2.3 Describe the composition of the wastewater	<ul style="list-style-type: none"> ■ This section describes the organic and inorganic solid matter composed in wastewater and this matter will be in the form of dissolved and suspended solids. ■ Select an option/s that best describes the composition of the wastewater ■ This option is for any combination of domestic and biodegradable industrial wastewater.
2.4 Describe the activity that generates the wastewater	<ul style="list-style-type: none"> ■ Please provide a clear description of the activity on how the waste/wastewater is generated.
2.5 DISCHARGE TO A WATER RESOURCE	<ul style="list-style-type: none"> ■ This section describes volumes and concentrations of the wastewater.
2.5.1 Water use start & end date	<ul style="list-style-type: none"> ■ Include start date of water use and end date (where applicable)
2.5.2 Total volume of waste/ wastewater discharged per year	<ul style="list-style-type: none"> ■ Discharge may occur at different rates during the year. Indicate the exact volume discharged per year and the maximum discharged on any given day. ■ The total volume of waste water discharged per year must preferably be stated in cubic metres (c³m) ■ The total volume of waste discharged per year should be based on the average volume
2.5.3 Maximum volume of waste/ wastewater discharged on any given day	<ul style="list-style-type: none"> ■ Requires highest volume of waste/ wastewater discharge into a water resource in cubic meters (m³) per in any given day.

2.5.4 Monthly discharge pattern	<ul style="list-style-type: none"> ■ Select with a “X” in the appropriate box the option in which the monthly discharge pattern is expressed ■ If a unit of measure other than cubic meters or percentage is selected specify the unit in the space provided ■ Specify the annual waste discharge pattern by stating the minimum, maximum and average volume for each calendar month ■ The summation of the monthly average volume of waste discharged should correlate with the annual total of waste discharged
2.5.5 Intake Water	<ul style="list-style-type: none"> ■ Intake water is defined as water that used in the waste generating activity that results in wastewater generated ■ Indicate the source of intake water which could be either obtained from a water services provider or water user association; or obtained through one or more of the following sources: <ul style="list-style-type: none"> -Abstraction from a water resource -Wastewater from a holding facility; or -Water obtained through a dewatering process
2.5.6 Registered waste discharge information	<ul style="list-style-type: none"> ■ Indicates the quality and quantity of wastewater discharged into a water resource. ■ The total volume of wastewater discharged per year must preferable be stated in cubic meters (m³). ■ The total volume of wastewater discharged per year should be based on the average volume ■ Indicate the concentration of each of the applicable quality variables specified in this section ■ Wastewater quality and quantity are crucial to calculate waste load per variable that may be subjected WDCCS. ■ This section will address the resource that needs to be protected and the applicable catchment where the water use is occurring.
3. RECEIVING ENVIRONMENT/ RECEPTOR	
3.1 Description of nearby water resources	<ul style="list-style-type: none"> ■ Requires information on the nearby water resource which is likely to be affected by discharged or irrigated wastewater
3.1.1 Description of surface water resources	<p>A surface water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ a river or a stream as a natural channel in which water flows regularly or intermittently ■ a wetland, lake or dam into which, or from which, water flows; ■ any collection of water which the Minister may declare to be a watercourse such as GWS; estuaries and marine <p>Select only one option with X</p> <ul style="list-style-type: none"> ■ If “other” is selected provide a clear description ■ Provide the name of the nearest surface water resource e.g. Rietvlei or orange River ■ Provide the distance in meters to the nearest surface water resource e.g. 1500m

3.1.2 Description of groundwater resources	<p>A ground water resource is associated with the following:</p> <ul style="list-style-type: none"> ■ An aquifer in which underground water is obtained through a spring or eye, borehole, ground water Government Water Scheme (GWS) or boreholes and windmills on Government land <p>Select one option with a X for the type of groundwater resource nearest to the location where the discharge is taking place</p> <ul style="list-style-type: none"> ■ If “other” is selected provide a concise description ■ If an indicated type of selection had been made provide the name or description of the nearest ground water resource ■ Provide the distance in meters to the nearest ground water resource e.g. 1000m
3.2 Water resource (receiving the wastewater discharge) information	<ul style="list-style-type: none"> ■ See definition of water resource in section 3.
3.2.1 Name of the water resource receiving the wastewater discharge	<ul style="list-style-type: none"> ■ Requires the name of that particular water resources receiving wastewater discharge. If the water resources does not have a specific name, enter “no name”
3.2.2 Type of the water resource receiving the waste/ wastewater discharge	<ul style="list-style-type: none"> ■ Indicate the appropriate water resources receiving waste/ wastewater ■ The type of water resources refers to surface water bodies only. Note that only one type of resource should be selected. For registration of more than one discharge point, complete a separate DW 766 form
3.2.3 Geographical location of the discharge point	<ul style="list-style-type: none"> ■ Enter the geographic location either in degrees (°), minutes (') and seconds ("), or in decimal degrees. The geographic location can be read from a 1:50 000 topographic map available from the Government Printers at a nominal charge, or at the nearest office of the Department, or by using a Global Positioning System (GPS) instrument.
3.2.4 Reliability of water resources receiving waste/ wastewater	<ul style="list-style-type: none"> ■ Indicate the reliability of the water resources by selecting one option only.
3.2.5 Drainage region details	<ul style="list-style-type: none"> ■ Indicate the drainage region or quaternary catchment where the water use occurs
3.2.6 Property relationship details (Note: Supplementary forms DW901 and DW902 must be completed)	<p>If property is unsurveyed:</p> <ul style="list-style-type: none"> ■ Water use on unsurveyed property may be registered on behalf of the village or community who owns or occupies the land. ■ Unsurveyed property includes communal lands, tribal lands and some of the lands in the former homelands. ■ Supply the magisterial district or local authority. ■ Supply the surname and initials of village leader, community or tribal authority <p>If property is surveyed:</p> <ul style="list-style-type: none"> ■ All the necessary information for surveyed properties is available in the office of the Surveyor-General and must be correctly supplied.

<p>4 List of supporting technical information</p>	<p>Mark with an X, the technical information that supports this registration (optional) or license application (compulsory)</p> <ul style="list-style-type: none"> ■ Indicate which applicable DW forms are accompanying this DW780 form
<p>5. Section is reserved for office use only</p>	<p>This section is to be utilised by the office (that will receive and process your application) to address information related to the following:</p> <ul style="list-style-type: none"> ▶ Succession transfer and source part 2 details ▶ District Municipality ▶ Billing information <ul style="list-style-type: none"> ○ Applicant to be billed (directly) as Water User or to be billed via a WUA/WSP ○ Bill incentive charge (also referred to as ‘Waste Discharge Levy’) details ○ Billing Frequency ○ If to be billed via WUA/WSP details ○ If this WU is to be billed via a Bulk Billing Party (that is not a WSP/WUA) details ▶ Waste management scheme information ▶ Late registration penalty ▶ Authorisation details <ul style="list-style-type: none"> ○ Water use takes/took place in terms of the General Authorisation ○ If an authorisation has been issued under other legislation – provide the Law/Regulation details if known/available. ○ If this application represents a licence related water use (new licence application or previously submitted application) – complete following details if known/available. ▶ The office (that will receive and process your application) will in this section also: <ul style="list-style-type: none"> ○ Allocate a file number (i.e. Office Hardcopy Register File No) to the application. ○ Indicate which water use Register number was allocated to this application. ○ Etc.

Registration Part 2J: Removing, Discharging or Disposing of Water found Underground if it is necessary for the Efficient Continuation of an Activity or for the Safety of People

- *This form is for registration of removing underground water such as water that seeps into mine works*
- *or construction sites.*
- *It does NOT refer to the taking of groundwater for another purpose such as for drinking water, irrigation or industrial activities. For taking of groundwater, complete form DW760.*
- *Common examples of this water use include:*
 - *dewatering of mines,*
 - *removing underground water from construction sites to allow construction activities, or*
 - *removing water from under buildings that experience groundwater seepage into their foundations.*
- *Mine dewatering and the subsequent use of the water must comply with the Mining Regulations.*

SECTIONS ON FORM	EXPLANATIONS
1. WATER RESOURCE INFORMATION	<ul style="list-style-type: none"> ■ <i>If the site where removal of underground water does not have a specific name, enter "no name".</i> ■ <i>Enter the geographic location either in degrees(°), minutes(') and seconds("), or in decimal degrees. The geographic location can be read from a 1:50 000 topographic map available from the Government Printers at a nominal charge, or at the nearest office of the Department, or by using a Global Positioning System (GPS) instrument.</i>
2. DETAILS OF THE WATER USE	<ul style="list-style-type: none"> ■ <i>This is the total amount of water removed over a period of one year. The removal may take place continuously throughout the year, or at certain times of the year.</i> ■ <i>The maximum amount removed per day is the greatest volume that has ever been removed on any given day.</i> ■ <i>After removing the water, the discharge or disposal must be registered on the relevant forms DW766 and DW767.</i> ■ <i>If the water is stored after removal from underground, also complete form DW761 (if raw water may have to be stored, in which case complete a DW762. If not raw water then a DW767 already addresses the storage of the NWA-Section21j water that was removed and needs to be stored)</i>

SECTION 7

7. SUPPLEMENTARY FORMS

DW 901

Supplementary Form: DW901 Property Where Water Use Occurs

SECTIONS ON FORM	EXPLANATIONS
1. PROPERTY WHERE WATER USE(S) OCCURS	<p>General Comments:</p> <ul style="list-style-type: none"> Several water uses may be registered on one property. For example there may be water pumped from a river (taking water) into a storage dam (storing water), as well as irrigation of wastewater (controlled activity) all on one property. More than one of the same water use type may be registered on one property. For example, there may be five storage dams on one property and therefore five DW762 forms (one per storage dam) are to be completed. For each water use that is indicated, a separate Part 2 Form must be completed together with one DW901 per each applicable property and one DW902 per each applicable property owner. <ul style="list-style-type: none"> The property where water use occurs is not necessarily the same as the residential (or physical address) of the person/entity applying for registration of a water use The property must be described as per the following example: <ul style="list-style-type: none"> ZAAIHOEK_123_JS_0 where Zaaihoek is the original farm name, 123 is the property number, JS is the district and the last number the specific portion. NB – Only one property per DW901 registration form is allowed.
1.1. Property where water use takes place	<ul style="list-style-type: none"> Unsurveyed property includes communal lands, tribal lands and some of the lands in the former homelands.
1.2 Property type	<ul style="list-style-type: none"> Property is classified as being agricultural holding, farm, township, unsurveyed etc.
1.3. Unsurveyed property type	<ul style="list-style-type: none"> Property type with no deeds information Unsurveyed property includes communal lands, tribal lands and some of the lands in the former homelands.

1.4 Property type not equal to unsurveyed (i.e. surveyed)	<ul style="list-style-type: none"> ■ All the necessary information for a surveyed property which is available from the office of the Surveyor-General. The Deeds Office, Registration Division, Property Number, Portion of Property and Title Deed Number and Cadastral Code Number must be correctly supplied.
1.5 Property Area Size	<ul style="list-style-type: none"> ■ Size or Measurement of property to be provided in hectares or square meters or acres. <p><i>Note: This information, similar to a lot of other information requirements on the application forms that are to be completed, is compulsory. Unless 'compulsory' information is provided by applicants their applications will remain in an 'INCOMPLETE' state, preventing registration certificate(s) from being generated.</i></p>
1.6 Ownership of the Property	<ul style="list-style-type: none"> ■ Indicates the percentage of shareholder value for the owner of the property. ■ Property may be registered on behalf of the village or community who owns or occupies the land. ■ Unsurveyed property includes communal lands, tribal lands and some of the lands in the former homelands.
2. PROPERTY OWNER RELATIONSHIP	<p><i>This section needs to be completed to provide details related to the link between the property and the property owner(s) from the date the ownership(s) became effective and also indicating the owner's share value % of the applicable property.</i></p> <p><i>The following property owner (and related property) information needs to be provided:</i></p> <ul style="list-style-type: none"> • If the property owner is an individual: Identity Number or Passport Number • If the property owner is a Company, Business, Partnership or Community: Business Enterprise Registration Number • Property Owner Name • Property Owner Document Number (i.e. Owner's Title Deed Reference Number) • Property Owner and Property Relationship Dates [i.e. the Date From which ownership commenced & if already terminated (if no longer the property owner) also the Date To.] • Property owner's share value of the property (if the value is less than 100% more than one property owner must be listed)

Declaration by Applicant	<ul style="list-style-type: none"> ■ Individual applicants must sign and date the form themselves. ■ In the case of a power of attorney a certified copy of the appointment must be attached to the application form. ■ Use of a thumbprint in the space provided will be acceptable in some cases as an alternative to an applicant's signature
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DW 902**Supplementary Form: DW902 Details of Property Owner**

SECTIONS ON FORM	EXPLANATIONS
1. DETAILS OF PROPERTY OWNER	<ul style="list-style-type: none"> ■ <i>This form allows for details of property owner to be provided and/or specified.</i>
1.1. <i>Nature of property owner</i>	<p><i>Identify which of the following property owner types is applicable (and complete the other relevant sections as indicated):</i></p> <ul style="list-style-type: none"> • <i>Individual (complete 1.2)</i> • <i>Provincial Department (complete 1.5)</i> • <i>Company, business, partnership or community (complete 1.3)</i> • <i>Water Services Provider (complete 1.6)</i> • <i>National Department (complete 1.4)</i> • <i>Water User Association (complete 1.7)</i> <p>NB – Only one property owner per DW902 registration form is allowed.</p>
1.2 <i>If the property owner is an 'Individual'</i>	<ul style="list-style-type: none"> ■ <i>South African Property owners must supply his/her SA ID records.</i> ■ <i>Non SA applicant must supply their passport records. Date and country of issue. Foreign ID is not acceptable</i>
1.3 <i>If the property owner is a Company, Business, Partnership or Community</i>	<p><i>Details required, as indicated in section 1.3 of the forms, needs to be completed.</i></p> <p><i>Note the following:</i> <i>The Business enterprise registration number of the following enterprise types do not have to conform to the format dictated by CIPC (Companies and Intellectual Property Commission):</i></p> <ul style="list-style-type: none"> • <i>Parastatal</i> • <i>Trust</i> • <i>Other [i.e. non-CIPC Company types (e.g. Churches, Schools, Community Groups, etc.) excluding Trust and Parastatal]</i>
1.4 <i>If the property owner is a National Department</i>	<ul style="list-style-type: none"> ■ <i>Provide the official (and complete) name of the applicable National Department.</i>
1.5 <i>If the property owner is a Provincial Department</i>	<ul style="list-style-type: none"> ■ <i>Provide the name of the relevant Province as well as the official (and complete) name of the applicable Provincial Department</i>

1.6 If the property owner is a Water Services Provider	<ul style="list-style-type: none"> ■ Provide the name of the Water Services Provider
1.7 If the property owner is a Water User Association	<ul style="list-style-type: none"> ■ Provide the name of the Water User Association
1.8 Postal Address	<ul style="list-style-type: none"> ■ Specify the postal address details of the Property Owner
1.9 Physical Address	<ul style="list-style-type: none"> ■ Specify the residential/physical address of the Property Owner
1.10 Contact Telephone Number During Office Hours	<ul style="list-style-type: none"> ■ Indicate the property owner's contact telephone number(s).
2. DECLARATION BY PROPERTY OWNER	<ul style="list-style-type: none"> ■ <u>Property owner or delegated person/representative must sign and date the form themselves.</u> ■ <u>In the case of a power of attorney a certified copy of the appointment must be attached to the application form.</u>
2.1 Property owner or delegated person	<ul style="list-style-type: none"> ■ Designated signatories must indicate if they are the owner of the property or representative of the owner of the property.
2.2 Property owner passport (If not holder of South African I.D)	<ul style="list-style-type: none"> ■ Property owner who is not the SA citizen must indicate their passport details i.e. date and country of issue
2.3 Position or official status	<p><i>If the person who completes and signs this section of the DW902 form does it on behalf of any of the following property owner types, then this section is to be utilised to indicate the position held by the person or to indicate the official capacity of the person who completes and signs this section of the DW902: Provincial Department; National Department; Water Services Provider; Water User Association; or Company, business, partnership or community.</i></p> <p><i>If the property owner is an individual and this section is completed and signed by the property owner himself/herself, this may be completed to reflect 'private property owner'.</i></p>
2.4 Declaration	<ul style="list-style-type: none"> ■ Property owner or property representative with power of attorney must sign the application.
3. LIST OF ATTACHED DOCUMENTS	

3.1 Certified copy of identity document or passport	■ Applicant must attach a copy of their identity document (or passport) to their application form.
3.2 Certified copy of property owner document	■ Applicant must attach a copy of 'Property Owner Document' (i.e. Property Title Deed or Deed's print-out).
3.3 Certified copy of lease agreement	■ If the property, where water use is to take place, is leased by the applicant, the applicant must attach a copy of the property leasing agreement.
3.4 Certified copy of the "power of attorney" or appropriate supporting documentation	■ Person signing on behalf of the applicant must attach certified copy of the "power of attorney" or appropriate supporting documentation.

Supplementary Forms: DW903 Actual/ Monitored Waste Discharge Details Section 21f/h water uses

- *This supplementary form provides a structured manner of reporting actual discharge information by a waste discharger;*
- *This form is applicable to section 21(f) and (h) discharges directly to a water resource – point source discharges;*
- *This form communicates to DWA the monitored discharge information as well as compliance management information;*
- *Waste discharge charges may be applied to the discharge information provided.*

SECTIONS ON FORM	EXPLANATIONS
1. REGISTERED WATER USE	<ul style="list-style-type: none"> ■ <i>If the water use has been registered, the registration number can be obtained from the registration certificate;</i> ■ <i>The water use number can be obtained either on the registration certificate or the water use license;</i> ■ <i>These numbers are unique reference numbers for a specific water use registered or authorized by DWA;</i> ■ <i>Contact the appropriate DWA office for assistance if you are unable to locate these numbers.</i>
2. ACTUAL/ MONITORED WASTE DISCHARGE DETAILS	<p><i>This section specifies:</i></p> <ul style="list-style-type: none"> ■ <i>the period of reporting and includes a start & end date;</i> ■ <i>intake (or source water) volume;</i> ■ <i>volume of discharge (output);</i> ■ <i>water quality variable concentrations</i> ■ <i>Indicate the time interval per required;</i>
3. LIST OF ATTACHED DOCUMENTS	<p><i>A certificate of analysis from an accredited laboratory is required with the submission of a DW903.</i></p>

DW 904

Supplementary Forms: DW904 Actual/ Monitored Waste Discharge Details Section 21e/g water uses

- *This supplementary form provides a structured manner of reporting actual discharge information by a waste discharger;*
- *This form is applicable to section 21(e) and (g) water users – non-point source discharges;*
- *This form communicates to DWA the monitored discharge information as well as compliance management information;*
- *Waste discharge charges may be applied to the discharge information provided.*

SECTIONS ON FORM	EXPLANATIONS
1. REGISTERED WATER USE	<ul style="list-style-type: none">■ <i>If the water use has been registered, the registration number can be obtained from the registration certificate;</i>■ <i>The water use number can be obtained either on the registration certificate or the water use license;</i>■ <i>These numbers are unique reference numbers for a specific water use registered or authorized by DWA;</i>■ <i>Contact the appropriate DWA office for assistance if you are unable to locate these numbers.</i>
2. ACTUAL/ MONITORED WASTE DISCHARGE FOR NWA SECTION 21e/g WATER USES	<p><i>Indicate the following information in the space provided:</i></p> <ul style="list-style-type: none">■ <i>The period (start and end date) for which this compliance report is submitted;</i>■ <i>The volume (in cubic metres) of waste applied to the land-based facility;</i>■ <i>Average concentration values of the waste or wastewater;</i> <p><i>Please note that DWA will calculate the average load applied to the facility.</i></p>
3. LIST OF ATTACHED DOCUMENTS	<p><i>A certificate of analysis from an accredited laboratory is required with the submission of a DW903.</i></p>
4. MANAGEMENT CLASSIFICATION DETAILS	<p><i>The purpose of this section is to obtain information on the state of management practices at the waste management facility. Indicate if the management practices of a particular waste management facility has changed since the facility has been registered with DWA. Specify what management measures have been put in place.</i></p>

DW 905

Supplementary Forms: DW905 Details of waste management facility

- *This supplementary form accompanies a DW767 registration*
- *A registration of a waste disposal site or waste management facility will be considered as incomplete without the completion of a DW767 AND a DW905*
- *The purpose of this form is to provide information on the details of the waste management facility registered as a 21(g) water use on a DW767 form*

SECTIONS ON FORM	EXPLANATIONS
1. WASTE MANAGEMENT FACILITY DETAILS	<i>This section provides information on the method of disposal, details on the lining of the site, the potential to generate leachate and leachate management measures.</i>
<i>1.1 Name of waste management facility</i>	<ul style="list-style-type: none">■ <i>If a name was given to a particular waste management facility, supply the name. If no name please enter in the space provided "no name". Ensure that the name provided in this section corresponds to the name provided in the accompanying DW767 form</i>
<i>1.2 Fatal flaw indicators</i>	<ul style="list-style-type: none">■ <i>These criteria are non negotiable aspects that apply to a waste management facility. If relaxed for a waste management facility specific water management approaches need to be incorporated to minimise the potential impacts</i>■ <i>Select from the list and mark with X all the indicators that apply to the site or the proposed site in respect of non conformation</i>
<i>1.3 Method of Disposal</i>	<ul style="list-style-type: none">■ <i>Select the most appropriate method of disposal and mark with X</i> <i>If "other" is selected please provide a clear description on the method of disposal</i>
<i>1.4 Distance from nearest borehole used for drinking water or stock water</i>	<ul style="list-style-type: none">■ <i>Provide the distance in meters to the nearest borehole used for domestic and stock watering purposes, not boreholes used for routine monitoring purposes</i>
<i>1.5 Distance from the edge of nearest downstream surface water resource</i>	<ul style="list-style-type: none">■ <i>Refer to surface water resource as described in segment B1</i>■ <i>Edge is seen as the outer limit of a natural channel in which water flows regularly or intermittently in the case of a river or stream or the full level supply line in the case of a dam or lake</i>

1.6 Lining of the site	<ul style="list-style-type: none"> ■ Lining is the barrier that had been implemented to prevent the migration of the pollutants through to the resource ■ The type of lining indicate the efficiency of the barrier to prevent migration of pollutants and are assessed in respect of management practice classification ■ Indicate whether the site will be lined or not ■ Select the type of lining with X
1.7 Total area of 'property' on which waste is disposed	What is the total size of the property in hectares on which waste is disposed?
1.8 Area of actual waste body ("footprint area")	<ul style="list-style-type: none"> ■ The footprint area is the area on which the waste is disposed and encompasses the actual waste body Provide the size of the footprint area in hectares
1.9 Dimensions of waste site	<ul style="list-style-type: none"> ■ Provide dimensions in terms height, length and breadth in meters; Air space typically refers to available space in a landfill.
1.10 Buffer Zone	Distance to the boundary of the closest residential and industrial area
1.11 Number of people that the facility serves	This section is applicable to municipal waste disposal sites only.
1.12 Climatic water balance	<ul style="list-style-type: none"> ■ Waste sites are classified in terms of their potential to generate leachate. The potential to generate leachate is calculated using rainfall and evaporation. Where rainfall, exceeds evaporation, the potential for leachate generation increases. ■ Rainfall data can be sourced from the closest gauging station or the South African Weather Services
1.13 Details of the person in control of the site	<ul style="list-style-type: none"> ■ Supply surname as per the following example: Masike; de Jonge ■ Supply initials without spaces or punctuation: AB ■ Use the following: Mr, Me, Ms, Dr ■ Supply the whole number. SA ID number or temporary ID number is sufficient for identification purposes. Individuals who do not have a SA ID number must use their passport number for identification purposes ■ Supply the contact numbers where (i) area is the 3 digits dialling code and (ii) the number is the telephone/fax number without spaces. Ext. is only for extensions where necessary. International codes like +27 must not be used for domestic numbers ■ If available the complete e-mail address must be provided ■ Select the highest educational qualification
2. OPERATION OF THE WASTE MANAGEMENT FACILITY	<ul style="list-style-type: none"> ■ The purpose of this section is to obtain information on the management practices employed at the waste management facility. The management practices will enable DWA to determine the management classification of the site which could be best, standard or poor.

2.1 Type of operation	<ul style="list-style-type: none"> ■ Indicate the type of operation of the facility; ■ In the case of “Other”, specify the appropriate type of operation.
2.2 Length of time of the operation	<ul style="list-style-type: none"> ■ Indicate the start date of the disposal and the end date (optional).
2.3 Is sufficient cover material on site	<ul style="list-style-type: none"> ■ Indicate the applicable option.
2.4 Covering and burning of waste	<ul style="list-style-type: none"> ■ Mark the applicable options
2.5 Is leachate management system present	<ul style="list-style-type: none"> ■ Indicate if the site has a leachate management system in place
2.6 Storm water management	<ul style="list-style-type: none"> ■ Indicate the stormwater management practice on site
3. MANAGEMENT PRACTICES OF THE WASTE MANAGEMENT FACILITY	<ul style="list-style-type: none"> ■ Tick the options that describe the management practices per waste management facility. ■ Ensure that a separate DW767 form is completed for each waste management facility. ■ This section will enable DWA to classify the management practices at the waste facility. ■ The management practice enables DWA to calculate the waste load that has the potential of polluting a water resource. ■ Tick the appropriate option that describes the management practice. ■ Describe any other practice on site.

SECTION 8

8. CONVERSION TABLE

VOLUME (m³) cubic meters	
<i>Milliliter (ml)</i>	<i>0.000001 m³</i>
<i>Liter (l)</i>	<i>0.001 m³</i>
<i>Kiloliter (kl)</i>	<i>1 m³</i>
<i>Cubic centimeter (cm³)</i>	<i>0.000001m³</i>

WEIGHT (kg) kilograms	
<i>Milligram (mg)</i>	<i>0.000001 kg</i>
<i>Gram (g)</i>	<i>0.001 kg</i>
<i>Tonnage (ton)</i>	<i>1000 kg</i>

AREA (ha) hectares	
<i>Square centimeter (cm²)</i>	<i>0.00000001 hectares</i>
<i>Square meter (m²)</i>	<i>0.0001 hectares</i>

LENGTH (m) meters	
<i>Millimeter (mm)</i>	<i>0.001 m</i>
<i>Centimeter (cm)</i>	<i>0.01 m</i>
<i>Kilometer (km)</i>	<i>1000 m</i>

CONCENTRATION (mg/l) milligrams per liter	
<i>Milligram per milliliter (mg/ml)</i>	<i>1000 mg/l</i>
<i>Microgram per litre (ug/l) = 1 parts per billion</i>	<i>0.001 mg/l</i>
<i>Milligram per cubic centimeter (mg/cm³)</i>	<i>1000 mg/l</i>
<i>Gram per Cubic meter (g/m³)</i>	<i>1 mg/l</i>
<i>Gram per Kiloliter (g/kl)</i>	<i>1 mg/l</i>
<i>Milligram per cubic meter (mg/m³)</i>	<i>0.001 mg/l</i>
<i>Milligram per Kiloliter (mg/kl)</i>	<i>0.001 mg/l</i>
<i>1 milligram per litre</i>	<i>1 parts per million</i>

SECTION 9

9. REGISTRATION HELPLINES AND CONTACTS IN THE DEPARTMENT OF WATER AFFAIRS

The various offices of the Department of Water Affairs around the country may be contacted for enquiries and to obtain the correct forms to fill in, and if required also to assist you to fill in the relevant forms.

Forms can also be obtained from the Departmental web-site: (available at <http://www.dwa.gov.za/Projects/WARMS/Registration/registration1.asp>) or call the toll-free line on 0800 200 200 and ask for the Registration Help Desk at the Regional Office that serves your area.

DEPARTMENT OF WATER AND SANITATION AND CATCHMENT MANAGEMENT AGENCY WATER USE REGISTRATION OFFICES	
Head Office Address: Private Bag X313, Pretoria, 0001 Email Address: warmsdatarequests@dws.gov.za Register@dws.gov.za 012 336 7121/6832/7096 Call Centre Toll Free Line: 0800 200 200	
EASTERN CAPE Ocean Terrace Moore Street Quigney, E.L. 5201 Po Box 7019 East London, 5200 Tel:(043) 701 0220 Fax 086 611 4525 Email Address: WARMSECAPE@dws.gov.za	FREE STATE Bloem Plaza Corner Charlotte Maxeke & East Burger Street Private bag x528 Bloemfontein 9300 Tel: 051 405 9000 Email Address: WARMSFS@dws.gov.za
NORTHERN CAPE (KIMBERLEY) 28 Central road Beaconsfield Kimberley 8300 Tel: (053) 836 7600 Fax: 053 842 3255 E-mail Address: WARMSLV@dws.gov.za	NORTHERN CAPE (UPINGTON) Lyvenhouts Drift Settlement Louisvale Road Private Bag X5912 Upington 8800 Tel: 054 338 5800 Fax: (054) 334 0205 Email Address: WARMSLO@dws.gov.za
NORTHWEST (HARTBESPOORT) 1 Kurper Street Old Rustenvurg Road Hartbeespoort Private Bag X352 Hartbeespoort	KWAZULU-NATAL Southern Life Building 9th floor 88 Field Street PO Box 1018 Durban 4000

SECTION 9

<p>0216</p> <p>Tel: (087) 943 3756 Email Address: WARMSNW@dws.gov.za</p>	<p>Tel: (031) 3362710 Email Address: WARMSKZN@dws.gov.za</p>
<p>WESTERN CAPE De Goede Hoop Park 17 Strand Street Private Bag X16 Sanlamhof Bellville 7532</p> <p>Tel: (021) 941 6000 Fax: (021) 950 7269 Email Address: WARMSWC@dws.gov.za</p>	<p>GAUTENG Sanlam Plaza East 285 Francis Baard Street Private Bag X995 Pretoria 0001</p> <p>Tel: (012) 392 1317 Fax: (012) 392 1422 Email Address: WARMSGP@dws.gov.za</p>
<p>INKOMATI-USUTHU CATCHMENT MANAGEMENT AGENCY INKOMATI-USUTHU CATCHMENT MANAGEMENT 20 Paul Kruger Street Second Floor ABSA Square Building Nelspruit 1200</p> <p>Tel: +27 13 753 9000 Fax: +27 13 753 2786 Email Address: warms@iucma.co.za</p>	<p>BREEDE-GOURITZ CATCHMENT MANAGEMENT AGENCY 51 Baring Street Worcester 6850</p> <p>Tel: (023) 346 8000 Fax: (023) 347 2012 E-mail Address: info@bocma.co.za</p>
<p>MPUMALANGA Prorom Building. 5th Floor c/o Paul Kruger and Brown Streets Private Bag X11259 Nelspruit 1200</p> <p>Tel: (013) 759 7491/7300 Email Address: WARMSMP@dws.gov.za</p>	<p>LIMPOPO Azmo place 49 Joubert street Private Bag X9506 POLOKWANE 0700</p> <p>Tel: (015) 290 1200 Email Address: WARMSLMP@dws.gov.za</p>