

1.5 Applicant Type (mark only one block with X)

- Individual (complete 1.6)

 Provincial Department (complete 1.9)
- Company, business, partnership or community (complete 1.7)

 Water Services Provider (complete 1.10)
- National Department (complete 1.8)

 Water User Association (complete 1.11)

1.6 If the applicant is an individual

1.6.1 Title Surname Initials

1.6.2 South African ID (if holder of South African Id) alternatively Passport Number:

ID Number or Passport Number

Passport Expiry Date
(ccyymmdd)

Passport Country Of Issue

1.7 If the applicant is a company, business, partnership or community:

1.7.1 Name of company, business, partnership or community:

1.7.2 Business Enterprise Registration Number

1.7.3 Date Established (ccyymmdd)

Country Where Established

1.8 If the applicant is a National Department:

1.8.1 National Department Name:

1.9 If the applicant is a Provincial Department:

1.9.1 Province:

1.9.2 Provincial Department Name:

1.10 If the applicant is a Water Services Provider:

1.10.1 Name of WSP:

1.11 If the applicant is a Water User Association:

1.11.1 Name of WUA:

1.12 BBBEE Status

Mark the applicable option(s) with an X

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

Declaration by applicant or waste discharger

Delete the words that are not applicable I/we _____ (FULL NAME(S))
hereby declare that the information provided by me/us in this application form is, to the best of my/our knowledge, true and correct.



Signature

Thumb print

Contact number during office hours

Designation of signatory

Date (ccyy/mm/dd)

It is a criminal offence to provide information that is false or misleading.

2. DESCRIPTION OF THE WASTE GENERATED

- 2.1 Select the sector that generates the wastewater or waste which this application refers to**
 (Mark only one box with an X)

 (Note, if more than one option is applicable, you must fill in a separate application form per sub-sector)
- | | |
|---|---|
| <p>Agriculture</p> <p><input type="checkbox"/> Aquaculture</p> <p><input type="checkbox"/> Irrigation</p> | <p><input type="checkbox"/> Intensive Animal Husbandry</p> <p><input type="checkbox"/> Other (please specify below)</p> |
| <hr/> | |
| <p>Urban / Domestic</p> <p><input type="checkbox"/> Sewage Treatment Works</p> | <p><input type="checkbox"/> Water Treatment Works</p> |
| <hr/> | |
| <p>Industry</p> <p><input type="checkbox"/> Agroprocessing</p> <p><input type="checkbox"/> Fertilisers</p> <p><input type="checkbox"/> Metal Processing And Finishing</p> <p><input type="checkbox"/> Textile</p> <p><input type="checkbox"/> Power generation</p> <p><input type="checkbox"/> Petrochemical</p> | <p><input type="checkbox"/> Meat Processing</p> <p><input type="checkbox"/> Manufacturing</p> <p><input type="checkbox"/> Paper And Pulp</p> <p><input type="checkbox"/> Winery</p> <p><input type="checkbox"/> Other (please specify below)</p> |
| <hr/> | |
| <p>Mining</p> <p><input type="checkbox"/> Coal</p> <p><input type="checkbox"/> Gold</p> <p><input type="checkbox"/> Platinum</p> <p><input type="checkbox"/> Copper</p> <p><input type="checkbox"/> Chromium</p> <p><input type="checkbox"/> Iron</p> | <p><input type="checkbox"/> Diamond</p> <p><input type="checkbox"/> Sand-winning</p> <p><input type="checkbox"/> Quarrying</p> <p><input type="checkbox"/> Peat Mining</p> <p><input type="checkbox"/> Uranium</p> <p><input type="checkbox"/> Other (please specify below)</p> |

- 2.2 Which of the following describes the nature of the wastewater?**
 (Mark the applicable options with an X)
- | | |
|---|--------------------------|
| 2.2.1 Wastewater containing <70% water by mass (i.e. sludge) | <input type="checkbox"/> |
| 2.2.2 Wastewater containing >70% water by mass | <input type="checkbox"/> |
| 2.2.3 Wastewater with high acidity (i.e. pH <5) or alkalinity (i.e. pH >10) | <input type="checkbox"/> |
| 2.2.4 Wastewater with temperature of >50°C | <input type="checkbox"/> |
| 2.2.5 Wastewater with an oxygen content of <5 mg/l | <input type="checkbox"/> |
| 2.2.6 Wastewater with an EC (Electrical Conductivity) of >500mS/m | <input type="checkbox"/> |
| 2.2.7 Wastewater with an EC of <500mS/m | <input type="checkbox"/> |

- 2.3 Which of the following describes the composition of the wastewater?**
 (Mark the applicable options with an X)
- | | |
|--|--------------------------|
| 2.3.1 Wastewater consisting of > 90% organic content by mass (i.e. load) | <input type="checkbox"/> |
| 2.3.2 Wastewater consisting of 50 – 90% organic content and 10 – 50% metals or salts by mass (i.e. load) | <input type="checkbox"/> |
| 2.3.3 Wastewater consisting of 10 – 50% organic content and 50 – 90% metals or salts by mass (i.e. load) | <input type="checkbox"/> |
| 2.3.4 Wastewater consisting of >90% metals or salts by mass (i.e. load) | <input type="checkbox"/> |

2.4 Describe the activity that generates the waste

2.5 Details of water use

2.5.1 Water use start & end date

When did/will this water use start? (ccyymmdd)

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When did/will this water use end? (If applicable)
(ccyymmdd)

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2.5.2 Portion of property/land under irrigation

Total area of land irrigated hectares

2.5.3 Crops under wastewater irrigation

Crop type (e.g. mielies, lucerne)	% of total volume waste/wastewater irrigated per year

2.5.4 Volume of wastewater irrigated (cubic meters)

Total volume of wastewater irrigated per year	
Maximum volume of wastewater irrigated on any given day	

2.5.5 Monthly irrigation pattern expressed in:

Cubic meters

OR

Percentage (%) of total volume of wastewater discharged per year

OR

Another unit of measure

If "Another unit of measure" was selected, specify the "unit of measure" to be applied to the monthly irrigation pattern details:

	Minimum	Average	Maximum																		
January	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						
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2.5.6 Origin of irrigated waste water

National Water Act - Section 21(g/j) Water Use					
Section 21(?)	Registered*		Volume of water applicable to this waste discharge (m ³)	If Registered*	
				Register number	Water Use Number
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			

2.5.7 Registered Waste Discharge Information

Average irrigated volume (cubic meters)	<input type="text"/>	Time Interval: <input type="checkbox"/> Per Month	<input type="checkbox"/> Per Annum
Maximum irrigated volume anticipated (cubic meters)	<input type="text"/>	Time Interval: <input type="checkbox"/> Per Month	<input type="checkbox"/> Per Annum

Quality Variable And Unit Of Measurement	Average Irrigated Concentration	For Office Use Only	
		Irrigated Load (kg)	NPS Load (kg)
Coliforms (Colony Forming Units/ml)			
Enteric pathogens e.g. E.coli (Colony Forming Units/ml)			
pH (pH units)			
Temperature (°C)			
Acidity (mg/l)			
Alkalinity (mg/l)			
Aluminium (mg/l)			
Ammonia (mg/l)			
Arsenic (mg/l)			
Barium (mg/l)			
Boron (mg/l)			
Bromide (mg/l)			
Cadmium (mg/l)			
Calcium (mg/l)			
Chemical oxygen demand (mg/l)			
Chloride (mg/l)			
Chromium (mg/l)			

Continued on next page

Quality Variable And Unit Of Measurement	Average Irrigated Concentration	For Office Use Only	
		Irrigated Load (kg)	NPS Load (kg)
Chromium(vi) (mg/l)			
Cobalt (mg/l)			
Copper (mg/l)			
Cyanide (mg/l)			
Fluoride (mg/l)			
Iron (mg/l)			
Lead (mg/l)			
Lithium (mg/l)			
Magnesium (mg/l)			
Manganese (mg/l)			
Mercury (mg/l)			
Molybdenum (mg/l)			
Nickel (mg/l)			
Phenol (mg/l)			
Potassium (mg/l)			
Radionuclides (mg/l)			
Soap, oil or grease (mg/l)			
Sodium (mg/l)			
Sulphate (mg/l)			
Tin (mg/l)			
Total dissolved solids (mg/l)			
Total suspended solids (mg/l)			
Total nitrogen (mg/l)			
Total phosphorus (mg/l)			
Uranium (mg/l)			
Vanadium (mg/l)			
Zinc (mg/l)			

2.5.8 Description of management measures		
Capacity for wastewater storage when irrigation is not possible (cubic meters)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is a storm water runoff collection system in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is a system for screening of suspended solids in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
a) screen mesh size (mm)		
b) number of fat traps (enter 0 if none)		
Is the land properly sited to minimise runoff and ingress of external stormwater?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Effluent irrigated on to the facility/land meets general authorisation standards in terms of disposal volumes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Effluent irrigated on to the facility/land meets general authorisation standards in terms of concentration of contaminants	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Effluent irrigated meets the licenced standards	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Large areas are deployed with continuous shift of irrigation to enable adequate evaporation of the effluent water	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Irrigation controlled & limited to safe quantities	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Application of effluent follows principles of "beneficial use"	<input type="checkbox"/> Yes	<input type="checkbox"/> No

3. RECEIVING ENVIRONMENT/RECEPTOR

Serves to address the following: The resource that needs to be protected and related issues such as: how close to surface water, groundwater level, presence of boreholes, whether communities use boreholes or abstract from the surface water, etc.

3.1 Description of nearby water resource(s)

3.1.1 Description of surface water resources

(Mark only one box with an X)

a) Type of surface water resource, nearest to location where irrigation is taking place

- | | |
|---|---|
| <input type="checkbox"/> River / Stream | <input type="checkbox"/> Dam |
| <input type="checkbox"/> Estuary | <input type="checkbox"/> Lake |
| <input type="checkbox"/> Wetland | <input type="checkbox"/> Government Water Scheme |
| <input type="checkbox"/> Marine | <input type="checkbox"/> Other (please specify below) |

b) Name / description of the nearest surface water resource:

c) Distance to the nearest water resource (meters)

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3.1.2 Description of Groundwater Resources

(Mark only one box with an X)

a) Type of groundwater resource, nearest to location where irrigation is taking place

- | | |
|---|---|
| <input type="checkbox"/> Spring / Eye | <input type="checkbox"/> Government Water Scheme |
| <input type="checkbox"/> Borehole | <input type="checkbox"/> Boreholes And Windmills On Government Land |
| <input type="checkbox"/> Other (please specify below) | |

b) Name / description of the nearest groundwater resource

c) Distance to the nearest groundwater resource (meters)

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3.2 Location of area irrigated with waste or water containing waste

3.2.1 Geographical location for each of the external corner points of the area.

Area/Field No:

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This Area/Field No. Area in Hectare(s):

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Datum type Cape (Modified Clarke 1880) WGS-84

Latitude ° ' . " or . ° or ° . ,

Longitude ° ' . " or . ° or ° . ,

Datum type Cape (Modified Clarke 1880) WGS-84

Area/Field No: This Area/Field No. Area in Hectare(s):

Latitude ° ' . " or . ° or ° . ,

Longitude ° ' . " or . ° or ° . ,

Datum type Cape (Modified Clarke 1880) WGS-84

Latitude ° ' . " or . ° or ° . ,

Longitude ° ' . " or . ° or ° . ,

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Latitude ° ' . " or . ° or ° . ,

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Datum type Cape (Modified Clarke 1880) WGS-84

Latitude ° ' . " or . ° or ° . ,

Longitude ° ' . " or . ° or ° . ,

Datum type Cape (Modified Clarke 1880) WGS-84

3.2.3 Property Relationship Details (Complete supplementary forms DW901 & DW902)

Property Name	Surveyed Property		Unsurveyed property		Property Relationship Date	
					From:	To:
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Authority			
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority			
	Property Number		Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Authority			
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority			
	Property Number		Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Authority			
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority			
	Property Number		Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			
	Title Deed Number		Surname of the Leader of Village, Community or Tribal Authority			
	Surveyor-General Cadastral Code		Initial of the Leader of Village, Community or Tribal Authority			
	Property Number		Local Authority (if applicable)			
	Portion of property		Magisterial District (if applicable)			
			Tribal Authority/Council (if applicable)			

5.4.3 Billing Frequency: Annually Bi-annually Monthly

5.4.4 If to be billed via WUA/WSP:

Name of WUA/WSP _____

Is WUA/WSP a Billing Agent? Yes No

Billing Agent's Register Number

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5.4.5 If this WU is to be billed via a Bulk Billing Party that is not a WSP/WUA, complete the following:

Name of Customer _____

Bulk-Bill-to-Party Register Number

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5.5 Waste management scheme information

Waste scheme name (if applicable)

- If the Waste Scheme is applicable, provide WSMP (Waste Scheme Management Parameter Name)

--

- Specify the date from which this WSMP is applicable to this water use (ccyymmdd)

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5.6 Late registration penalty

Is this a late registration? Yes No

If yes, mark with an X, the applicable penalty to be levied

R300.00 OR

10% (ten percent) of the annual water use charge outstanding at the date of registration which ever is greater

Specify the penalty amount payable _____

Waive penalty

5.7 Authorisation details

5.7.1 Water use takes/took place in terms of the General Authorisation: Yes No

*If yes complete the following details after confirmation with relevant DWAF/CMA officials:

<u>Date(s) from which applicable GA is/was applicable to this water use</u>			
South African Act:	[E.g. National Water Act (Act No. 36 of 1998)]	Applicable section of the act:	[E.g. Section 21]
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation		_____	
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation		_____	
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation		_____	

5.7.2 If an authorisation has been issued under other legislation – provide the Law/Regulation details if known/available.

5.7.3 If this application represents a licence related water use (new licence application or previously submitted application) – complete following details if known/available.

Responsible Licensing Authority Reference

Responsible Licensing Authority Business

Unit
