

Part 2: WASTE DISCHARGE RELATED WATER USE IN TERMS OF SECTION 21(h) OF THE NATIONAL WATER ACT, (ACT NO. 36 OF 1998)

Section 21(h): disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process.

	1. GENERAL INFORMATION Mark the applicable option(s) with an <i>X</i> and/or complete de	etails where applicable/available.
1.1	Indicate the nature of this application:	☐ Licence ☐ Registration (only)
1.2	Have you already registered a water use with the Department of Water Affairs and Forestry?	Yes No Registration number: Water use number:
1.3	Indicate if Section 21(j) is applicable to this water use application:	Section 21(j): 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.
		☐ Yes ☐ No Mote: If Yes was selected, ensure that a DW805 application form has been submitted. No No No No No No No No No N
1.4	Do you have a licence, permit or exemption for this waste discharge? (Issued in terms of the National Water Act (Act No. 36 of 1998), Water Act (Act No. 54 of 1956) or the Environmental Conservation Act	Yes No Licence number: OR
	(Act No. 73 of 1989))	Permit number: OR
		Exemption reference number:
1.5	Applicant Type (mark only one block with X) ☐ Individual (complete 1.6) ☐ Company, business, partnership or community (complete 1.7) ☐ National Department (complete 1.8)	 □ Provincial Department (complete 1.9) □ Water Services Provider (complete 1.10) □ Water User Association (complete 1.11)
1.6 1.6.1	If the applicant is an individual 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 property owner is a Provincial Department:
1.9.1	Province:
1.9.2	Provincial Department Name:
1.10	If the property owner is a Water Services Provider:
1.10.1	Name of WSP:
1.11	If the property owner is a Water User Association:
1.11.1	Name of WUA:

elete the words that are not applicable I/we e information provided by me/us in this application for	m is, to the best of my/our knowledç	(FULL NAME(S)) hereby declare th ge, true and correct.
ignature	Thumb print	Contact number during office hours
esignation of signatory		Date (ccyy/mm/dd):
It is a criminal offence to	provide information	on that is false or misleading.
It is a criminal offence to	provide information	on that is false or misleading.
It is a criminal offence to	provide information	on that is false or misleading.
It is a criminal offence to	provide information	on 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)	Agriculture Aquaculture Irrigation Urban / Domestic	☐ Intensive Animal Husbandry ☐ Other (please specify below)		
	(Note, if more than one option is applicable, you must fill in a separate application form per subsector)	 Sewage Treatment Works Industry Agroprocessing Fertilisers Metal Processing And Finishing 	 Water Treatment Works Meat Processing Manufacturing Paper And Pulp 		
		Textile Power Generation	☐ Winery ☐ Other (please specify below)		
		Mining Coal Gold Platinum Copper Chromium Iron	 □ Diamond □ Sand-winning □ Quarrying □ Peat Mining □ Uranium □ Other (please specify below) 		
2.2	Which of the following describes the <u>nature</u> of the wastewater? (Mark the applicable option(s) with an X)	2.2.1 Wastewater containing <70% water by mas 2.2.2 Wastewater containing >70% water by mas 2.2.3 Wastewater with high acidity (i.e. pH <5) or 2.2.4 Wastewater with temperature of >50°C 2.2.5 Wastewater with an oxygen content of <5 m 2.2.6 Wastewater with an EC (Electrical Conduct	alkalinity (i.e. pH >10)		
		2.2.7 Wastewater with an EC of <500mS/m			
2.3	Which of the following describes the composition of the	2.3.1 Wastewater consisting of > 90% organic consisting of 50 – 90% organic mass (i.e. load)	-		
	wastewater? (Mark the applicable option(s) with an X)	2.3.3 Wastewater consisting of 10 – 50% organic mass (i.e. load) 2.3.4 Wastewater consisting of >90% metals or s			
2.4	Describe the activity that generates the waste				

2.5	Discharge to a Water Resource	e			
2.5.1	Water use start & end date				
	When did/will this water use start? (ccy	ymmdd)			
	When did/will this water use end? (If ap (ccyymmdd)	oplicable)			
2.5.2	The total volume of waste / wa	astewater discharged pe	er year:		Cubic meters
2.5.3	The maximum volume of wast any given day:	e / wastewater discharg	ed on		Cubic meters
2.5.4	Monthly discharge pattern exp	pressed in:			
	☐ Cubic meters				
	Danish was (0/) of table		OR		
	Percentage (%) of total		OR		
	☐ Another unit of measure		OK .		
	If "Another unit of measure" was applied to the monthly discharge		easure" to be		
		Minimum	Average	Maximum	
	January				
	February				
	March				
	April				
	May				
	June				
	July				
	August				
	September				
	October				
	November				
	December				

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Water supplied by Water Services Provider (WSP) or Water User Association (WUA)		
Name of WSP/WUA Supplier	Volume of water applicable to this waste discharge (m³)	

National Water Act - Section 21(a/b/g/j) Water Use					
Section 21(?)	Registered*		Volume of water applicable to this	If Regi	stered*
			waste discharge (m³)	Register number	Water Use Number
	Yes	□ No			
	Yes	□ No			
	Yes	□ No			
	Yes	□ No			

2.5.6 Registered Waste Discharge Information

Average intake volume (cubic meters) Average output/discharge volume (cubic meters)	Time Interval:	☐ Per Month	☐ Per Annum
Maximum intake volume anticipated (cubic meters)	Time Interval:	☐ Per Month	☐ Per Annum
Maximum output volume anticipated (cubic meters)	Time Interval:	Per Month	☐ Per Annum

Quality Variable and unit of measurement	Average Intake Concentration	Maximum Anticipated Intake Concentration	Average Discharge Concentration	Maximum Anticipated Discharge Concentration
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)				

Continued on next page

Quality Variable and unit of measurement	Average Intake Concentration	Maximum Anticipated Intake Concentration	Average Discharge Concentration	Maximum Anticipated Discharge Concentration
Calcium (mg/l)				
Chemical oxygen demand (mg/l)				
Chloride (mg/l)				
Chromium (mg/l)				
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)				

3.	RECEIVING ENVIRONMENT/RECEPTOR		
		he resource that needs to be protected and related issues such as: how close to surface water, groundwater her communities use boreholes or abstract from the surface water, etc.	
3.1	Description of nearby water	er 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 discharge is taking place River / Stream Dam Estuary Wetland GWS Scheme Marine Other (please specify below)	
		b) Name / description of the nearest surface water resource: c) Distance to the nearest water resource (meters)	
3.1.2	Description of Groundwater Resources (Mark only one box with an X)	a) Type of groundwater resource, nearest to location where discharge is taking place Spring / Eye Borehole Borehole Other (please specify below)	
		b) Name / description of the nearest groundwater resource	
		c) Distance to the nearest groundwater resource (meters)	

3.2	Water resource (receiving the wastewater discharge) information													
3.2.1	Name of the water resource receiving the wastewater discharge is:													
3.2.2	Type of water resource receiving the waste or wastewater discharge: (Mark only one box with an X)	☐ River or stream ☐ Wetland ☐ Government Water Scheme ☐ Lake	☐ Dam ☐ Marine ☐ Estuary ☐ Other (specify)											
3.2.3	Geographic location of the discl	harge point (use only one format):												
Latitude	S	" or S .	° or S ,											
Longitude	E	" or E .	° or E . ,											
3.2.4	Datum Type: Reliability of water resource receiving the waste or wastewater discharge: (Mark only one box with an X)	☐ Cape (Modified Clarke 1880) ☐ WGS-84☐ Water always present☐ Frequently dry	Upp during certain seasons											
3.2.5	Drainage Region Details:	Quaternary Drainage Region												

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

Property Name	Surveyed Property	Unsurveyed property	Property Rel Date	lationship
			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)		

DW780 LIST OF SUPPORTING TECHNICAL INFORMATION 4. 4.1 Confirm that the following forms have been included in this application DW901 ☐ Yes ☐ No DW902 ☐ Yes □ No DW905 ☐ Yes ☐ No 4.2 Mark with an X if these documents have been submitted with this application Environmental Impact Assessment (EIA) Environmental Management Programme (EMPR) Standard Environmental Management Programme Integrated Water and Waste Management Plan (IWWMP) Integrated Water Use Licence Application Report Report on Waste Water Quality (solute load, seasonal changes, etc.) Report on Industrial Process Generating Waste water Geohydrological Report Civil Designs Contingency Plan for Failures and Malfunctions of System Monitoring Programme(s) Topographical Map (1:50 000) National Water Act (Act No 36 of 1998) – Section 27 Evaluation DW760 NWA-Section 21(a) DW761 NWA-Section 21(b) DW762 NWA-Section 21(b) DW763 NWA-Section 21(c) DW764 NWA-Section 21(d) DW765 NWA-Section 21(e) DW766 NWA-Section 21(f) DW767 NWA-Section 21(g) DW768 NWA-Section 21(i) DW780 NWA-Section 21(h) DW805 NWA-Section 21(j) DW903 DW904 Other (specify other documents submitted with this form) D W

D W

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5.	THIS SECTION IS RESERVED FOR OFFICE USE ONLY														
5.1	Succession transfer and source part 2 details														
5.1.1	Is this a 'succession in title' related water use transfer?	☐ Yes	□ No												
5.1.2	If yes, complete the following details where applicable.														
	Source Register Number WU Number WU Status	s to be Allocated	WU Close Date (if applicable) (ccyymmdd)												
5.2	District Municipality														
	District Municipality Name (if applicable)														
5.3	Billing information														
5.3.1	Applicant to be billed as:														
	Start Dat	e (ccyymmdd)	End Date (ccyymmdd)												
	☐ Water User or ☐ Via a WUA/WSP														
5.3.2	Bill incentive charge: Start Dat	e (ccyymmdd)	End Date (ccyymmdd)												
	☐ On actual load(s) or ☐ Registered load(s)														
5.3.3	Billing Frequency:	☐ Bi-annually	☐ Monthly												
5.3.4	If to be billed via WUA/WSP:														
	Name of WUA/WSP														
	Is WUA/WSP a Billing Agent?														
	Billing Agent's Register Number														
5.3.5	If this WU is to be billed via a Bulk Billing Party that is not a WSP/ Name of Customer	WUA, complete the	following:												
	Bulk-Bill-to-Party Register Number														
5.4	Waste management scheme information														
	Wastewater scheme name (if applicable)														
	If the Wastewater Scheme is applicable, provide WSMP (Waste Scheme Management Parameter Name)														
	Specify the date from which this WSMP is applicable to this water use (ccyymmdd)														

	e registration penalty		
Is thi	s a late registration?	☐ Yes	□ No
If yes	s, mark with an X, the applicable penalty	to be levied	
	R300.00 OR		
	10% (ten percent) of the annual water us	se charge outstan	ding at the date of registration which ever is greater
Spec	cify the penalty amount payable		
	Waive penalty		
Auf	thorisation details		
Wat	er use takes/took place in term	ns of the Gene	ral Authorisation: Yes No
*If y∈	es complete the following details after co	nfirmation with rel	evant DWAF/CMA officials:
	Date(s) from which applicable GA is		
Court	h African Act:		
South		onal Water Act (A	Applicable section of the act [E.g. Section 21]
	From		Government Notice No.
Date			Government Notice Date (ccyymmdd)
	licable Section Of The General Authoris	ation	(ccyymina)
	From /mmdd)		Government Notice No.
Date (ccv)	To /mmdd)		Government Notice Date (ccyymmdd)
,	licable Section Of The General Authoris	ation	(66))
	From mmdd)		Government Notice No.
Date	(ccyymmdd) Date To (ccyymmdd)		Government Notice Date (ccyymmdd)
Арр	licable Section Of The General Authoris	ation	
	n authorisation has been issue wn/available.	d under other	legislation – provide the Law/Regulation details if
lf th	is application represents a liga	ance related w	ater use (new licence application or previously submitted
	lication) – complete following of the complete following		
		1 1	

Surname										_				Initi	ials							
Position / Rank																						
Signature				Date	e (cc	yymı	mdd)															
File number <i>(i.e. Office Hard</i>	lcopy Registe	er File No)																				
Nater Use Register Number																						
Received by:																						
Surname																						
nitials																						
Position / Rank																						
Signature				Date	(ссу	ymn	ndd)									_						
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Captured on NRWU databas Captured by:	se																					
Surname																						
nitials									ı													
Signature																						
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Surname	.,													Initi	ials							
Position / Rank								T														
Signature				Date	, (cc	vvmi	mdd)			,												
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