



**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

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**Ref: O2/1/5/2**

**NATIONAL ASSEMBLY**

**(For written reply)**

**QUESTION NO. 38 {NW42E}**

**INTERNAL QUESTION PAPER NO. 1 of 2022**

**DATE OF PUBLICATION: 10 February 2022**

**Ms A M M Weber (DA) to ask the Minister of Forestry, Fisheries and the Environment:**

What is the relevant information on Environmental Programmes, pertaining to

- (a) the names of the
  - (i) dams and/or rivers and
  - (ii) provinces where invasive plants are being removed,
- (b) which invasive plant and/or plants are being removed at each specified dam and/or river,
- (c) the tool and/or various tools that are being used to remove the invasive plants, for instance
  - (i) biological control,
  - (ii) manual labour through Expanded Public Works Programme workers,
  - (iii) pesticide and
  - (iv) spraying and
- (d) the total cost to date for the removal of invasive plants at each dam and/or river?

38. THE MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT REPLIES:

Name of system (a)(i)	Province (a) (ii)	Invasive plants being removed (b)	Method/Tools used, including pesticide (c)(i-iv)	Total cost to date (d)
Berg River	Western Cape	<i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>  <i>Pistia stratiotes</i>	Chemical spraying with EPWP workers – Kilo Max/Seismic  Biocontrol  Biocontrol	R604 787  R0 as done by DFFE Biodiversity officers  R0 as done by DFFE Biodiversity officers
Breede River	Western Cape	<i>Pontederia crassipes</i>	Biological control	R0 as done by DFFE Biodiversity officers
Swartkops River	Eastern Cape	<i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>  <i>Salvinia molesta</i>  <i>Pista stratiotes</i>  <i>Azolla filiculoides</i>	Sublethal aerial spray - Kilo Max  Biocontrol  Manual spray with EPWP teams – Kilo Max/ Seismic  Biocontrol  Biocontrol  Biocontrol	R566 824  R0 as done by DFFE Biodiversity officers  R11 519 118  R0 as done by DFFE Biodiversity officers  R0 as done by DFFE Biodiversity officers  R0 as done by DFFE Biodiversity officers
Mtata River	Eastern Cape	<i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>	Sublethal aerial spray-Kilo Max  Biocontrol	R976 824

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		<i>Pontederia crassipes</i>  <i>Myriophyllum aquaticum</i>	Manual spray with EPWP teams  Biocontrol	R0 as done by DFFE Biodiversity officers R2 790 053  R0 as done by DFFE Biodiversity officers
Nahoon River	Eastern Cape	<i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>   <i>Egeria densa</i>   <i>Pistia stratiotes</i>	Biocontrol  Manual spray with EPWP workers   Biocontrol   Biocontrol	R0 as done by DFFE Biodiversity officers R3 545 878  R0 as done by DFFE Biodiversity officers R0 as done by DFFE Biodiversity officers R0 as done by DFFE Biodiversity officers R0 as done by DFFE Biodiversity officers
Bospoort Dam	North West	<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Vaalkop Dam	North West	<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers

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Hex River	North West	<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Vaal River	Gauteng, North West, Free State, Northern Cape	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i> <i>Pontederia crassipes</i> <i>Myriophyllum spicatum</i> <i>Azolla filiculoides</i>	Sublethal aerial spray - Kilo Max Manual removal with EPWP teams Biocontrol  None – no registered herbicide – submerged aquatic weed - monitor Biocontrol	R4 176 516  R1 839 336  R0 as done by DFFE Biodiversity officers  R0 as done by DFFE Biodiversity officers
Hartbeespoort Dam	North West	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i> <i>Salvinia minima</i>	Manual removal with EPWP teams Biocontrol  Manual removal with EPWP teams	R1 758 684  R0 as done by DFFE Biodiversity officers
Roodekoppies Dam	North West	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Manual removal with EPWP teams Biocontrol	R1 297 110  R0 as done by DFFE Biodiversity officers
Nooitgedacht Dam	North West	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Manual removal with EPWP teams Aerial herbicide spray - Kilo Max Biocontrol	R232 264  R1 090 023

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				R0 as done by DFFE Biodiversity officers
Potchefstroom and Klerkskraal dams	North West	<i>Invasive reeds</i>	Sublethal herbicide spray - Kilo max	R985 807
Letlamoreng Dam	North West	<i>Pistia stratoites</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Setumo Dam	North West	<i>Pistia stratoites</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Letaba River	Limpopo	<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
		<i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max	R1 227 696
		<i>Pontederia crassipes</i>	Manual spraying from shore with EPWP workers	R1 712 845
		<i>Salvinia molesta</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
		<i>Myriophyllum aquaticum</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
		<i>Azolla filiculoides</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Bon Accord Dam	Gauteng	<i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo max	R819 374
		<i>Pontederia crassipes</i>	Manual removal with EPWP workers	R227 984
		<i>Pontederia crassipes</i>	Biocontrol	

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				R0 as done by DFFE Biodiversity officers
Roodeplaat Dam	Gauteng	<i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max	R2 052 000
		<i>Pontederia crassipes</i>	Manual removal with EPWP teams	R1090 555
		<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
		<i>Salvinia minima</i>	Manual removal with EPWP teams	
		<i>Myriophyllum aquaticum</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Hennops River	Gauteng	<i>Pontederia crassipes</i>	Manual removal with EPWP teams	R248 246
		<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Bronkhorstspuit River and Dam	Gauteng	<i>Pontederia crassipes</i>	Manual removal with EPWP teams	R903 742
		<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Muldersdrift River	Gauteng	<i>Pontederia crassipes</i>	Manual removal with EPWP teams	R254 202
		<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
Inanda Dam	KwaZulu-Natal	<i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max	R1 149 401
		<i>Pontederia crassipes</i>	Biocontrol	

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				R0 as done by DFFE Biodiversity officers
Msunduze River	KwaZulu-Natal	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max Biocontrol	R1 149 400  R0 as done by DFFE Biodiversity officers
Enseleni River	KwaZulu-Natal	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max Biocontrol	R2 149 402  R0 as done by DFFE Biodiversity officers
Mpangeni River	KwaZulu-Natal	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max Biocontrol	R749 400  R0 as done by DFFE Biodiversity officers
Mlazi River	KwaZulu-Natal	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max Biocontrol	R149 399  R0 as done by DFFE Biodiversity officers
Mnini Dam	KwaZulu-Natal	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max Biocontrol	R149 400  R0 as done by DFFE Biodiversity officers
Ixopo dams	KwaZulu-Natal	<i>Pontederia crassipes</i> <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max Biocontrol	R149 399  R0 as done by DFFE Biodiversity officers

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Shongweni Dam	KwaZulu-Natal	<i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo Max Biocontrol	R1 149 400  R0 as done by DFFE Biodiversity officers
Lomati, Komati rivers and Crocodile River	Mpumalanga Lowveld	<i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>  <i>Pistia stratiotes</i>	Biocontrol  Sublethal aerial spray – Kilo Max Biocontrol	R0 as done by DFFE Biodiversity officers R909 775  R0 as done by DFFE Biodiversity officers
Upper Olifants	Mpumalanga Highveld	<i>Pontederia crassipes</i>  <i>Pontederia crassipes</i>	Sublethal aerial spray – Kilo max Biocontrol	R189 116  R0 as done by DFFE Biodiversity officers
Suidkaap and Noordkaap rivers	Mpumalanga Lowveld	<i>Pontederia crassipes</i>	Biocontrol	R0 as done by DFFE Biodiversity officers
<b>TOTAL</b>				<b>R47 813 960</b>

Regards



MS B D CREECY, MP  
MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT

DATE: 24/2/2022