



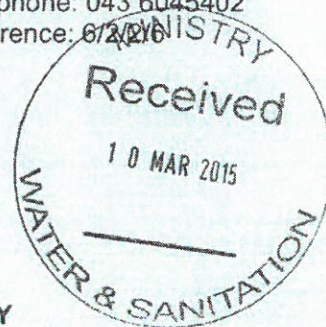
water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



EdTM

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Reference: 672/2015



MINISTER OF WATER AND SANITATION

NATIONAL ASSEMBLY: QUESTION 307 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Mrs Z B N Balindlela (DA) is attached for your consideration.

DIRECTOR-GENERAL

DATE: 9/3/15

DRAFT REPLY APPROVED/AMENDED

MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION

DATE: 10.03.15

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 307

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 20 FEBRUARY 2015
(INTERNAL QUESTION PAPER NO. 4)

307. Mrs Z B N Balindlela (DA) to ask the Minister of Water and Sanitation:

- (1) Whether her department is aware of sewage spillages from infrastructure controlled by the Camdeboo Municipality (a) in the (i) 2013 and (ii) 2014 calendar years and (b) since 1 January 2015; if so, what are the details of (i) such spillages, (ii) action taken by her department, including any instructions issued to the specified municipality and (iii) action taken by the specified municipality to prevent spillages in the future;
- (2) whether she (a) has issued or (b) intends to issue a directive to the specified municipality in terms of section 19(3) of the National Water Act, Act 36 of 1998; if not, what is the position in this regard; if so, what are the relevant details;
- (3) what are the details of the results of analyses of samples taken from the Sundays River by (a) her department and/or (b) the specified municipality, including the (i) location of each sampling point(s) and (ii) date of the sampling exercise in each case (aa) in the (i) 2013 and (ii) 2014 calendar years and (bb) since 1 January 2015?

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REPLY:

- (1) Yes, my Department has been aware of sewage spillages from infrastructure controlled by the Camdeboo Local Municipality (LM). The primary challenges have been the sewer spillages near the Eerstedrift and Kroonvale Brug pump at Graaff-Reinet.
- (1)(a)(i) In 2013, periodic sewage spillages had occurred from sewer reticulation under the control of the Camdeboo LM.
- (1)(a)(ii) In 2014, the Kroonvale Brug Sewage Pump Station was vandalized with theft of copper cables and damage to electrical components. This resulted in discharges to Sundays River. The Municipality effected temporary repairs to get the pump station functioning, whilst waiting for insurance claims and procurement of new electrical panels. This led to a system that is vulnerable to tripping on a periodic basis.
- (1)(b) There were no sewer spillages reported in January, 2015.
- (1)(b)(i) My Department issued a letter to the Camdeboo LM on the 6 November 2014 requesting rehabilitation of the contaminated area and special control measures while waiting for permanent repair,
- (1)(b)(ii) The Camdeboo LM confirms that the permanent repairs are still awaited, however they have resolved the periodic tripping and the pump station is operating normally. They also confirm that, standby generators are available so it is not affected by load shedding.

- (2)(a) No, no directive in terms of Section 19 (3) has been issued as the Camdeboo LM has been co-operative on resolving the matter.
- (2)(b) Yes, if the problem persists or if there is lack of future co-operation then my Department will follow the directive route.
- (3)(a) Attached as **Annexure A** please find an excel spread sheet of the monitoring points as well as the water quality results performed by my Department. For the period requested there were 6 monitoring results in 2013 and 6 in 2014. There are currently (2015) 2 monitoring points on Sundays River namely Hitgeim Raod and Sunday's River canal at Addo Wastewater Treatment Works
- (3)(b) The Camdeboo LM confirmed that they have not sampled the Sundays River in the periods of 2013 and 2014, but plan to commence in 2015.

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Water Quality Sampling on the Sundays River for the period 2013 and 2015 as recorded by Dept Water and Sanitation

Monitoring Point ID	Monitoring Point Name	Latitude	Longitude	Drainage Region Name	Sample Date	Sample Time	ASAR-Diss-Water Result	Ca-Diss-Water Result	Cl-Diss-Water Result	CORR-Diss-Water Result	DMS-Tot-Water Result	EC-Phys-Water Result	F-Diss-V
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2013-02-25	12:25:00	16,27	72,97	389,662	2,273	1424,811	218,1	0,951
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2013-05-20	12:10:00	21,749	89,291	570,956	2,763	1826,179	281,3	0,728
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2013-06-18	12:35:00	23,589	93,163	587,065	2,719	1897,843	288,9	0,652
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2013-07-16	11:45:00	22,784	97,541	643,314	2,654	2006,125	296,3	0,667
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2013-08-12	12:12:00	22,419	92,84	780,458	3,552	2156,69	296,08	0,35
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2013-09-10	12:07:00	24,208	96,92	693,641	2,628	2124,093	300,7	0,703
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2014-05-26	11:45:00		82,36	362,178	2,279		197,3	1,43
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2014-06-17	12:53:00			496,944	2,603		243,7	1,31
102391	N2H002Q01 SUNDAYS RIVER AT JANSENVILLE	-32,95	24,66889	N24D	2014-07-14	12:35:00		61,001	501,676	4,208		260,7	1,13
102392	N2H007Q01 SUNDAYS RIVER AT DE DRAAY	-33,094	25,01278	N22E	2014-01-09	11:27:00		36,887	72,313	1,398		44,015	0,376
102392	N2H007Q01 SUNDAYS RIVER AT DE DRAAY	-33,094	25,01278	N22E	2014-01-29	11:00:00		37,743	162,077	3,674		68,481	0,262
102392	N2H007Q01 SUNDAYS RIVER AT DE DRAAY	-33,094	25,01278	N22E	2014-02-27	10:35:00		20,588	79,881	1,387		51,967	0,461

Monitoring Point ID	Monitoring Point Name	Latitude	Longitude	Drainage Region Name	Sample Date	Sample Time	COD Result	O-Abs-Water Result	FC-Susp-Water Result	E-COLL-Susp-Water Result	EC-Phys-Water Result
	SELBORNE 115 IN KIRK WOOD HITGEIM ROAD BRIDGE AT SUNDAYS RIVER				2013-08-13	11:00:00	40	280			204
	SELBORNE 115 IN KIRK WOOD HITGEIM ROAD BRIDGE AT SUNDAYS RIVER				2014-04-01	12:00:00	10	410	370		222
	SELBORNE 115 IN KIRK WOOD HITGEIM ROAD BRIDGE AT SUNDAYS RIVER				2014-06-26	10:10:00	10	440	340		200
	SELBORNE 115 IN KIRK WOOD HITGEIM ROAD BRIDGE AT SUNDAYS RIVER				2015-01-26	12:10:00	<20	94	79		215
	NMMP-Addo Sundays River canal @ wwwtw				2015-01-26	11:50:00	<20	940	750		69

179,094	394,831	8,224	1,646	51,627	302,385	0,007	0,025	0,025	8,757	7,111	0,379	5,466	6,623	6,872	194,034	331,065
229,777	495,755	8,424	1,217	66,237	434,175	0,002	0,025	0,025	8,204	6,987	0,081	5,77	8,486	6,221	205,671	369,328
242,307	520,299	7,96	1,527	69,849	479,945	0,02	0,122	0,067	8,485	6,958	0,017	5,431	9,157	5,528	195,6	379,824
259,076	551,139	7,933	1,51	74,683	464,396	0,018	0,131	0,025	8,405	6,895	0,191	5,385	8,609	7,273	202,53	421,729
317,109	608,293	7,202	0,862	91,412	480,434	0,002	0,051	0,078	7,826	6,964	0,1	6,103	8,477	4,326	239,354	380,496
244,777	532,613	6,681	1,509	70,561	481,259	0,003	0,025	0,06	8,373	6,864	0,088	5,356	9,075	5,187	215,261	458,066
171,279	409,002			49,374		0,008	0,05	0,05	8,456		0,054			6,021	197,713	314,74
236,375				68,139		0,011	0,05	0,05	8,664		0,049			5,145	199,147	349,316
217,788	410,876			62,781		0,008	0,05	0,05	8,499		0,01			5,24	184,899	214,127
38,194	137,456			11,01		0,001	0,025	0,274	7,601		0,229			5,445	29,485	94,995
85,997	196,342			24,79		0,001	0,025	0,603	7,579		0,278			3,741	67,359	81,401
45,142	105,003			13,013		0,001	0,025	0,025	7,849		0,109			5,308	42,27	113,062

Water Result
 HARD-Mg-Calc-Water Result
 HARD-Tot-Water Result
 K-Dis-Water Result
 LANGL-Index Result
 Mg-Dis-Water Result
 Na-Dis-Water Result
 NH3(25)-Union-Dis-W Result
 NH4-N-Dis-Water Result
 NO3+NO2-N-Dis-Water Result
 pH-Dis-Water Result
 pHs-Calc-Water Result
 PO4-P-Dis-Water Result
 RYZNAR-Index Result
 SAR-Dis-Water Result
 Si-Dis-Water Result
 SO4-Dis-Water Result
 TAL-Dis-Water Result

0,04	8,2		
0,04	8	0,05	
0,04	8	0,05	
<0,08	8,3	0,004	
<0,08	8,6		

NH4-N-Dis-Water Result
 NO3+NO2-N-Dis-Water Result
 pH-Dis-Water Result
 PO4-P-Dis-Water Result

er Result