



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

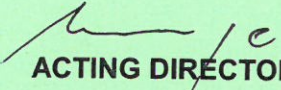
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Reference: 6/2/2/6

MINISTER OF WATER AND SANITATION


NATIONAL ASSEMBLY: QUESTION 2364 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Ms A Steyn (DA) is attached for your consideration.


ACTING DIRECTOR-GENERAL

DATE: 24/11/2016

DRAFT REPLY APPROVED/AMENDED


MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION

DATE: 29.11.2016

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 2364

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 28 OCTOBER 2016
(INTERNAL QUESTION PAPER NO. 33)

2364. Ms A Steyn (DA) to ask the Minister of Water and Sanitation:

With reference to her reply to question 1023 on 5 July 2016, (a) how many boreholes did her department (i) drill, (ii) repair and/or (iii) upgrade since 1 October 2015, (b) what is the exact GPS location of each of the specified boreholes, (c) what were the costs of (i) drilling per meter and/or (ii) refurbishment in each case and (d) was water found at each of the boreholes?

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REPLY:

- (a) A total of 626 boreholes were drilled and a total of 519 Repaired/Upgraded/Refurbished (refer to table 1 below for details).
- (b) Refer to **Annexure A** for the GPS location of each specified borehole.
- (c)(i) The cost were from R 250 - R 1 455 depending on geological formation and other variables.
- (c)(ii) The cost of refurbishment in each case was R 53, 6 million.
- (d) No, water was found in all the boreholes except for a few cases in KwaZulu Natal (KZN).

Table 1. List of boreholes per province including costs:

Province	(a) Number of Boreholes		Costs (Rands)		(d) Water Found
	(i) Drilled	(ii) Repaired	(i) Per m drilled	(ii) Refurbished	
Eastern Cape	14	11		R 20,4 M	Yes
Western Cape	-	-	-	-	-
Northern Cape	23	47	R750-R 1455	R 21,7M	Yes
North West	322	105	R320		Yes
Gauteng	-	-	-	-	-
Limpopo	-	-	-	-	-
Mpumalanga	8	40	R 900	R 4,0M	Yes
KZN	188	281	R 250 –R350	R 7,5M	Yes
Freestate	71	35	R 711		Yes
TOTALS:	626	513		R 53,6 M	

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PROVINCE	NEW BOREHOLES	REFURBISHED	TOTAL	DRY	COST	COMMENTS
GAUTENG	0	0	0			
LIMPOPO	0	0	0			
WESTERN CAPE	0	0	0			
NORTH WEST	15	33	48			
NORTHERN CAPE	23	47	70	2		
MPUMALANGA	8	40	48			
KZN	170	45	215			
EASTERN CAPE	14	11	25			
FREESTATE	71	36	107			
TOTALS	301	212	513	2		

PROVINCE: NORTH WEST										
DM	LM	Village/Town	Borehole l/d	S	Coordinates	E	N	R	Yield	Comments
		Sephai	1	S 25°14'55.8"	E 027°48'53.02"		1		Y	
		Sephai	2	S 25°14'53.2"	E 027°48'30.6"			1	Y	
		Sephai	3	S 25°14'55.7"	E 25°48'323.6"			1	Y	
		Fafung	1	S 25°12'51.6"	E 027°48'32.3"			1	Y	
		Shakung	1	S 25°20'25.4"	E 027°54'35.3"			1	Y	
		Shakung	2	S 25°21'16.8"	E 027°54'25.9"			1	Y	
		Shakung	3	S 25°21'39.8"	E 027°54'16.7"			1	Y	
		Shakung	4	S 25°21'28.9"	E 027°53'51.3"			1	Y	
		Jonnathan	1	S 25°12'36.2"	E 027°52'11.8"		1		Y	
		Jonnathan	2	S 25°12'40.7"	E 027°52'06.11"			1	Y	
		Makgabelwane	1	S 25°13'04.9"	E 27°54'02.6"			1	Y	
		Makgabelwane	2	S 25°13'05.2"	E 27°54'02.5"			1	Y	
		Makgabelwane	3	S 25°16'26.1"	E 27°56'04.8"			1	Y	
		Molietswane	1	S 25°22'41.4"	E 27°56'05.1"			1	Y	
		Dipompong	1	S 25°23'08.2"	E 027°56'46.6"			1	Y	
		Dipompong	2	S 25°23'04.9"	E 027°56'41.5"			1	Y	
		Maboloka	1	S 25°26'54.5"	E 27°50'17.4"			1	Y	
		Maboloka	2	S 25°26'54.5"	E 27°50'17.4"			1	Y	
		Lethakaneng	1	S 25°25'11.3"	E 27°50'12.1"		1		Y	
		Lethakaneng	2	S 25°25'05.5"	E 27°50'22.5"			1	Y	
		Jericho	1	S 25°19'23.60	E 27°48'41.36		1		Y	
		Jericho	2	S 25°19'43.05	E 27°49'36.66		1		Y	
		Jericho	3	S 25°19'30.65	E 27°49'44.54			1	Y	
		Jericho	4	S 25°19'33.10	E 27°49'53.53			1	Y	
		Jericho	5	S 25°19'33.20	E 27°49'53.10			1	Y	
		Jericho	6	S 25°21'1.46	E 27°49'30.76			1	Y	
		Mmakau	1	S 25°37'15.37	E 27°54'38.28		1		Y	
		Mmakau	2	S 25°37'17.82	E 27°54'45.76		1		Y	
		Mmakau	3	S 25°37'16.81	E 27°54'48.20			1	Y	
		Mmakau	4	S 25°37'21.55	E 27°54'58.14			1	Y	
		Moses Kotane	1	S 25,387880	E 26,57629			1	Y	
		Madikwe	2	S 25,397610	E 26,576100			1	Y	
		Madikwe	3	25,392980	26,562860			1	Y	
		Disake	1	24,829870	27,002560		1		Y	

DM	LM	Village/Town	Borehole I/d	S	Coordinates	E	N	R	Yield	Comments
		Disake	2	24,829120	27,010650		1		Y	
		Disake	3	Y-1004,81	X-2747311,61		1		Y	
		Pella	1	25,489870	26,484580		1		Y	
		Pella	2	25,459710	26,446440			1	Y	
		Pella	3	25,459880	26,443210			1	Y	
		Pella	4	25,459610	26,448060			1	Y	
		Pella	5	25,486780	26,465580			1	Y	
		Pella	6	25,452680	26,448480		1		Y	
		Pella	7	25,480170	26,509110		1		Y	
		Pella	8	25,481950	26,514750		1		Y	
		Mokgwaneng	1	24,801000	26,981860			1	Y	
		Mokgwaneng	2	L24,799220	26,997630			1	Y	
		Tlokweng	1	25,483640	26,619270			1	Y	
		Tlokweng	2	25,483610	26,619300			1	Y	
		TOTAL FOR NORTH WEST					15	33		
NORTHERN CAPE PROVINCE										
		Ga-Segonyana		-27.17368	23.18198		1		Y	Water Services Operating Grant
		Ga-Segonyana	13-86243	-27.36388	23.351622			1	Y	Water Services Operating Grant
		Ga-Segonyana	13-86250	-27.40734	23.50848			1	Y	Water Services Operating Grant
		Ga-Segonyana	13-87842	-27.37388	23.462575			1	Y	Municipal Water Infrastructure Grant
		Ga-Segonyana	13-87843	-27.357941	23.357941			1	Y	Municipal Water Infrastructure Grant
		Ga-Segonyana	13-87857	-27.37262	23.37942				Y	Municipal Water Infrastructure Grant
		Ga-Ruele							Y	Municipal Water Infrastructure Grant
		Joe Morolong					2		Y	Municipal Water Infrastructure Grant
		Joe Morolong					3	4	Y	Municipal Water Infrastructure Grant
		Joe Morolong						2	Y	Municipal Water Infrastructure Grant
		Joe Morolong						2	Y	Municipal Water Infrastructure Grant
		Joe Morolong					3		Y	Municipal Water Infrastructure Grant
		Joe Morolong	13-86072	-27.27892	23.47804			1	Y	Water Services Operating Grant
		Joe Morolong	13-87619	-27.28611	23.47279			1	Y	Water Services Operating Grant
		Joe Morolong	13-86629	-27.16982	23.56785			1	Y	Water Services Operating Grant
		Gasehunelo Wyk-7						1	Y	Water Services Operating Grant
		Ga-Morona	13-87398	-26.91328	23.78142			1	Y	Water Services Operating Grant
		Ga-Morona	13-87194	-26.92194	23.77064			1	Y	Water Services Operating Grant
		Ga-Napo						3	Y	Water Services Operating Grant
		Joe Morolong	13-87624	-27.01614	23.26847			1	Y	Water Services Operating Grant
		Joe Morolong	13-87197B	-27.01820	23.26635			1	Y	Water Services Operating Grant
		Joe Morolong	13-86131	-26.73634	23.27567			1	Y	Water Services Operating Grant
		Joe Morolong	13-86127	-26.73702	23.27241			1	Y	Water Services Operating Grant
		Joe Morolong	13-86147	-26.70711	23.25166			1	Y	Water Services Operating Grant
		Joe Morolong	13-86579	-26.69857	23.25132			1	Y	Water Services Operating Grant
		Joe Morolong	13-86756	-27.16982	23.56785			1	Y	Water Services Operating Grant
		Joe Morolong	13-86789	-27.24778	23.56795			1	Y	Water Services Operating Grant
		Joe Morolong	13-87639	-27.06528	23.82646			3	Y	Water Services Operating Grant
		Bothitong						1	Y	Water Services Operating Grant
		Kgebetiwane						1	Y	Water Services Operating Grant
		Joe Morolong	13-86074	-27.48675	23.70068			1	Y	Water Services Operating Grant
		Joe Morolong	T10736	-27.40880	23.76455			2	Y	Water Services Operating Grant
		Joe Morolong	T10723	-27.24778	23.56795			1	Y	Water Services Operating Grant

DM	LM	Village/Town	Borehole /d	S	Coordinates	E	N	R	Yield	Comments
Joe Morolong	Wateraar	13-87765	-27.16317	23.84996	1	Y	Municipal Infrastructure Grant			
Joe Morolong	Wateraar	13-87766	-27.16287	23.8501	1	Y	Municipal Infrastructure Grant			
Joe Morolong	Adderly	13-87720	-27.184399	23.2552	1	Y	Drilling Division			
Kammiesberg	Twee Rivier	G01083	-30.31392	17.99616	1	Y	Drilling Division			
Kammiesberg	Twee Rivier	G01084	-30.34892	17.99122	1	Y	Drilling Division			
Kammiesberg	Twee Rivier	G01085	-30.31288	17.998	1	Y	Drilling Division			
Kammiesberg	Twee Rivier	G01086	-30.31301	17.99637	1	Y				
Kammiesberg	Spoegrivier	G01087	-30.3531	17.76202	1	Y				
Kammiesberg	Spoegrivier	G01088	-30.35312	17.76226	1	Y				
Kammiesberg	Spoegrivier	G01094	-30.33412	17.76107	1	Y				
Kammiesberg	Leliefontein	G01089	-30.3151	18.10399	1	Y				
Kammiesberg	Leliefontein	G01090	-30.315	18.10376	1	Y				
Kammiesberg	Leliefontein	G01091	-30.32815	18.07707	1	X				
Kammiesberg	Garies	G01092	-30.50687	18.08716	1	X				
Kammiesberg	Garies	G01093	-30.50653	18.08696	1	Y				
Umsobomvu	Noupoort	Doubell	-31.224843	24.93903	1	Y				
Umsobomvu	Noupoort	Grens Pomp	-31.22356	24.944	1	Y				
Umsobomvu	Noupoort	Grossen	-31.21312	24.94497	1	Y				
Umsobomvu	Noupoort	Spoor Pomp	-31.19695	24.94585	1	Y				
Umsobomvu	Noupoort	L Pomp	-31.19986	24.94819	1	Y				
Umsobomvu	Noupoort	Dam pomp	-31.13821	24.91499	1	Y				
Umsobomvu	Noupoort	DWAE-BH01	-31.19986	24.94819	1	Y				
Umsobomvu	Noupoort	Goodsheds	-31.20742	24.97619	1	Y				
Umsobomvu	Noupoort	Groot Koos	-31.21918	24.94429	1	Y				
Umsobomvu	Noupoort	Klein Koos	-31.12821	24.91499	1	Y				
	Ganap (Roopomp)	13-86577	-26.70711	23.25166			not confirmed			
	Ganap (Roopomp)	13-87001	-26.69857	23.25132			not confirmed			
	Kokfontein/Makadibeh	T10723	-27.24778	23.56795						

NORTHERN CAPE TOTAL

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MPUMALANGA PROVINCE										
DM	LM	Village/Town	Borehole /d	S	Coordinates	E	N	R	Yield	Comments
	Chief Albert Luthguli	Pitoli (KwaSangweni)		S 26° 22' 791	E 30° 47' 276			1		0
	Chief Albert Luthguli	Dumberton No1 (KaMaseko)		S 26° 22' 649	E 30° 49' 338			1		
	Chief Albert Luthguli	Dumberton No 2		S 26° 23' 074	E 30° 49' 804			1		
	Chief Albert Luthguli	Dumberton No 3 (KaMndebele)		S 26° 24' 026	E 30° 49' 760			1		
	Chief Albert Luthguli	Dumberton No 4		S 26° 22' 866	E 30° 48' 536			1		
	Chief Albert Luthguli	Ndonga		S 26° 22' 190	E 30° 47' 150			1		
	Chief Albert Luthguli	Carolina (Leufontein)		S 25° 58' 495	E 29° 59' 455			1		
	Chief Albert Luthguli	Carolina No 2		S 25° 00' 416	E 30° 13' 101			1		
	Chief Albert Luthguli	Carolina No 3		S 25° 54' 327	E 30° 10' 420			1		E 30°
	Chief Albert Luthguli	Carolina No 4		S 26° 03' 963	E 30° 11' 066			1		
	Chief Albert Luthguli	Heining Klip		S 26° 01' 27.1	E 300 45' 20.4			1		
	Chief Albert Luthguli	Komdraa		S 26° 02' 24.2	E 310 03' 47.8			1		
	Chief Albert Luthguli	Elukwatini Stadium		S 26° 03' 26.2	E 300 47' 27.8			1		
	Chief Albert Luthguli	Mbhejeka		S 25° 59' 22.2	E 300 53' 54.6			1		
	Chief Albert Luthguli	Mooiplaas		S 26° 06' 04.9	E 300 47' 36.3			1		

Chief Albert Luthguli	Steynsdorp	S 26° 01' 21.7	E 300 58' 44.4	1	
Chief Albert Luthguli	Avontuur	S 26° 22' 791	E 30° 47' 276	1	
Chief Albert Luthguli	Edwaleni	S 26° 22' 791	E 300 47' 276	1	
Chief Albert Luthguli	Nkomazi	S 25° 58' 06	E 300 47' 49	1	
Chief Albert Luthguli	Holeka School	S 26° 13' 90	E 300 82' 31	1	
Chief Albert Luthguli	De Wit	S 26° 28' 11	E 300 43' 33	1	
Chief Albert Luthguli	Hereford	S 25° 86' 41.7	E 300 72' 34	1	
Chief Albert Luthguli	Ndonga (ka Jeje)	S 26° 22' 48.14	E 300 47' 22.14	1	
Chief Albert Luthguli	Ndonga (Forest)	S 26° 22' 23.17	E 300 46' 23.81	1	
Chief Albert Luthguli	Ngodini	S 26° 15' 14.16	E 300 46' 03.76	1	
Chief Albert Luthguli	Maufumbe (Khaya School)	S 26° 18' 0.16	E 300 44' 04.00	1	
Chief Albert Luthguli	Maufumbe (Mngomezulu)	S 26° 18' 20.59	E 300 43' 55.10	1	
Chief Albert Luthguli	Waverley	S 26° 34' 01.4	E 300 86' 38	1	
Chief Albert Luthguli	Noorden	S 26° 26' 42.39	E 300 46' 59.95	1	
Chief Albert Luthguli	Sun City – Mayflower	S 26° 17' 09.42	E 300 46' 27.58	1	
Chief Albert Luthguli	Oshoek (diepgezet)	S 26° 11' 27.5	E 0300 58' 33.6	1	
Chief Albert Luthguli	Bioskop	S 26° 09' 47.1	E 0300 54' 047.4	1	
Chief Albert Luthguli	Lochiel (Aankomst)	S 26° 09' 43.6	E 0300 53' 05.1	1	
Chief Albert Luthguli	Lochiel (Ekuphumuleni)	S 26° 09' 24.9	E 0300 49' 43.6	1	
Chief Albert Luthguli	Robinsdale No1	S 26° 11' 27.8	E 0300 58' 33.6	1	
Chief Albert Luthguli	Dundonald (Magagula Store)	S 26° 14' 38.2	E 0300 49' 12.3	1	
Chief Albert Luthguli	Dundonald (Vilakazi Store)	S 26° 13' 12.0	E 0300 50' 30.4	1	
Chief Albert Luthguli	Dundonald (Ngwenya)	S 26° 13' 05.4	E 0300 50' 22.4	1	
Chief Albert Luthguli	Fernie (Kalim)	S 26° 13' 55.7	E 0300 41' 52.1	1	
Chief Albert Luthguli	Robinsdale No 2	S 26° 17' 18.8	E 300 54' 5.0	1	
Barberton	Coronation Park borehole	25° 47' 9.17"S,	31° 2' 58.49"E	1	
Barberton	Stadium borehole	25° 46' 39.52"S	31° 2' 1.98"E	1	
Barberton	Church Street borehole	25° 46' 57.15"S	31° 3' 12.77"E	1	
Barberton	Disabled Centre borehole	25° 46' 39.67"S	31° 2' 7.04"E	1	
Barberton	Greyville borehole	25° 46' 35.53"S	31° 1' 25.81"E	1	
Barberton	Nel's Farm borehole	25° 46' 25.29"S	31° 0' 39.12"E	1	
Barberton	Water treatment works borehole	25° 45' 48.38"S	31° 1' 38.71"E	1	
Barberton	Umjindi borehole	25° 47' 32.81"S	30° 55' 20.93"E	1	
TOTALS FOR MPUMALANGA:				8	40

KWA-ZULU NATAL PROVINCE

DM	LM	Village/Town	Borehole I/d	S	Coordinates	E	N	R	Yield	Comments
Umkhanyakude and Ilembe		Ntunjambili	1	-28.942028	30.944528		1			
		Maqumbi (Borehole T	2	-29.199806	31.136333		1			
		Maqumbi (Borehole I)	3	-29.185472	31.155889		1			
		Mhlubulweni	4	-29.134611	31.541472		1			
		Sgedleni	5	-29.475056	30.886083		1			
		Sonkomo	6	-29.49825	30.999444		1			
		Nkaba'skop (changed f	7	-29.439333	30.922444		1			
		Malende	8	-29.39875	31.222389		1			
		Mgigimbe	9	-29.354278	31.200639		1			

	KwaDinabanyekumkha	10	-27.052639	32.031306	1		
	Nhlabende	11	-26.873	32.010639	1		
	Khume	12	-26.9185	32.059	1		
	Gwaliweni	13	-27.354861	31.98675	1		
	Kings Palace	14	-27.113417	32.005667	1		
	Gedleza	15	-27.466944	32.256222	1		
	Ophansi	16	-27.573556	32.402611	1		
	Emachobeni	17	-27.114222	32.001389	1		
	Mahangule	18	-27.57825	32.081806	1		
	Nkangala	19	-27.526389	32.029722	1		
	Madinyana	20	-27.575556	32.096944	1		
	Ophande	21	-27.483444	32.091889	1		
	Mngomezulu - Okhalweni	22	-27.150972	31.975278	1		
	Machibini W 7	23	-27.442556	32.045028	1		
	Ebhiva	24	-27.435639	32.208861	1		
	Oqondweni	25	-27.56713	32.42475	1		
	Mtanenkosi	26	-27.53952	32.57949	1		
	Manzibomvu	27	-27.54782	32.53739	1		
	Sphahleni	28	-27.51947	32.6139	1		
	Mphakathini	29	-27.48244	32.44288	1		
	Mshongwe	30	-27.42481	32.36809	1		
	Othungwini	31	-27.47535	32.65064	1		
	Mahlakwe	32	-27.48518	32.56063	1		
	Mbubeni	33	-27.41091	32.4344	1		
	KwaMboma	34	-27.38207	32.54781	1		
	Ndalini	35	-27.08394	32.50026	1		
	Sicabazini	36	-27.08265	32.46544	1		
	Sihangwane	37	-27.05453	32.43085	1		
	Bhekabantu	38	-26.94451	32.3404	1		
	Mbangwini	39	-26.88738	32.3563	1		
	Bunganeni	40	-27.48131	32.57042	1		
	Nkundusi	41	-28.09849	32.35709	1		
	Mazala.	42	-28.1557	32.28265	1		
	Mfekayi	43	-28.18455	32.30606	1		
	Shikishela	44	-28.29548	32.24836	1		
	Madwaleni	45	-28.28995	32.22931	1		
	Nkodibe	46	-28.38764	32.1666	1		
	kwaMshaya	47	-28.41084	32.10584	1		
	Nkombose (old Pit Site)	48	-28.40908	32.15054	1		
	Ophaphasi (old BH Site)	49	-28.40294	32.13651	1		
	Ogengele	50	-28.32163	32.13058	1		
	Maswazini	51	-28.37744	32.15625	1		
	Nkonjane	52	-28.16649	32.17906	1		
	Msane	53	-28.447531	32.143105	1		
	Mapheleni	54	-28.33612	32.20119	1		
	Hlambanyathi	55	-28.16123	31.80454	1		
	Ngebeza	56	-28.03524	31.84052	1		

Nongoma				-27.96	31.6188	1	
Nongoma				-27.968	31.5993	1	
Nongoma				-27.9468	31.6598	1	
Nongoma				-27.9359	31.6497	1	
Nongoma				-27.9705	31.6176	1	
Ulundi				-27.96	31.6188	1	
Ulundi				-27.968	31.5539	1	
Ulundi				-27.9468	31.5303	1	
Ulundi				-27.9359	31.5883	1	
Ulundi				-27.9705	31.4987	1	
Ulundi				-28.1924	31.5858	1	
Ulundi				-28.1788	31.5813	1	
Ulundi				-28.2057	31.5978	1	
Ulundi				-28.2638	31.428	1	
Ulundi				-28.1674	31.6076	1	
Ulundi				-28.2909	31.597	1	
Ulundi				-28.2932	31.082	1	
Ulundi				-28.3083	31.6361	1	
Nongoma				-28.2974	31.6279	1	
Nongoma				-28.3272	31.6215	1	
Nongoma				-28.3238	31.8571	1	
Nongoma				-28.1632	31.5485	1	
Ulundi				-28.2434	31.2018	1	
Nongoma				-27.9749	31.857	1	
Nongoma				-27.9803	31.8612	1	
Nongoma				-27.7722	31.8918	1	
Nongoma				-28.1779	31.8959	1	
Nongoma				-28.2411	31.7476	1	
Nongoma				-27.9212	31.6419	1	
Mkuze 2				27°42'10.67"S	31°13'1.69"E	1	
Emandleni				27°39'52.20"S	31°14'19.85"E	1	
Kwafakazi				27°37'53.96"S	31°21'3.34"E	1	
Endinsi				27°39'23.11"S	31°21'48.79"E	1	
Groeneweiding				27°43'2.52"S	31°21'0.23"E	1	
Emkweleni				27°52'4.67"S	31°15'52.82"E	1	
Mghobozi				27°49'36.86"S	31°9'46.07"E	1	
Esibomvu				27°25'18.11"S	30°57'21.46"E	1	
Esibomvu				27°24'15.59"S	30°58'29.39"E	1	
Esibomvu				27°24'1.53"S	30°59'24.94"E	1	
Bivane				27°29'15.17"S	31°2'15.28"E	1	
Bivane				27°29'2.56"S	31°2'20.30"E	1	
Palmietfontein				27°29'2.56"S	31°2'20.30"E	1	
Ekhombela				27°29'2.56"S	31°2'20.30"E	1	
KwaManzi				27°19'56.32"S	30°35'25.97"E	1	
Klipwal 1				27°33'20.3"S	30°51'03.4"E	1	
Klipwal 2				27°25'13.9"S	31°14'46.3"E	1	
Klipwal(maqanda)				27°25'04.66"S	30°15'08.11"E	1	
Ntshangase 1				27°24'25.5"S	31°17'40.9"E	1	
Ntshangase 2				27°43'13.9"S	31°40'37.4"E	1	
Ntshangase 3				27°44'09.1"S	31°38'02.3"E	1	
				27°45'51.1"S	31°35'46.5"E	1	

Nketoana	Petrus Steyn	BH17	-27.650583	28.112700	1	1
Nketoana	Petrus Steyn	BH18	-27.653250	28.113450	1	1
Nketoana	Petrus Steyn	BH20	-27.655883	28.133450	1	
Nketoana	Petrus Steyn	BH22	-27.657000	28.132617	1	
Nketoana	Petrus Steyn	BH26	-27.657250	28.132717	1	
Nketoana	Petrus Steyn	BH1	-27.673117	28.125683	1	
Nketoana	Petrus Steyn	BH2	-27.673100	28.125600	1	
Nketoana	Petrus Steyn	BH3	-27.673083	28.125517	1	
Nketoana	Petrus Steyn	BH4	-27.673133	28.125783	1	
Nketoana	Petrus Steyn	BH5	-27.674667	28.128967	1	
Nketoana	Petrus Steyn	BH7	-27.674633	28.128933	1	
Nketoana	Petrus Steyn	BH9	-27.674967	28.129200	1	
Nketoana	Petrus Steyn	BH10	-27.674000	28.130483	1	
Nketoana	Petrus Steyn	BH11	-27.679467	28.128033	1	
Nketoana	Petrus Steyn	BH12	-27.652050	28.113383	1	
Nketoana	Petrus Steyn	BH19	-27.655000	28.133283	1	
Nketoana	Petrus Steyn	BH21	-27.656133	28.133300	1	
Nketoana	Petrus Steyn	BH23	-27.655650	28.131300	1	
Nketoana	Petrus Steyn	BH24	-27.657100	28.132633	1	
Nketoana	Petrus Steyn	BH25	-27.656967	28.132600	1	
Nketoana	Petrus Steyn	BH27	-27.655383	28.132717	1	
Nketoana	Petrus Steyn	BH31	-27.670550	28.123617	1	
Nketoana	Reitz	BH1	-27.768317	28.456000	1	
Nketoana	Reitz	BH2	-27.768350	28.456083	1	
Nketoana	Reitz	BH3	-27.760833	28.468700	1	
Nketoana	Reitz	BH4	-27.764450	28.468050	1	
Nketoana	Reitz	BH5	-27.674800	28.129000	1	
Nketoana	Reitz	BH6	-27.764417	28.468067	1	
Nketoana	Reitz	BH7	-27.764450	28.468000	1	
Nketoana	Reitz	BH8	-27.767033	28.467467	1	
Nketoana	Reitz	BH9	-27.767033	28.467333	1	
Nketoana	Reitz	BH10	-27.767017	28.467433	1	
Nketoana	Reitz	BH11	-27.769217	28.462833	1	
Nketoana	Reitz	BH12	-27.769250	28.462833	1	
Nketoana	Reitz	BH13	-27.774267	28.462817	1	
Nketoana	Reitz	BH14	-27.769150	28.462817	1	
Nketoana	Reitz	BH15	-27.769117	28.461350	1	
Nketoana	Reitz	BH16	-27.768767	28.458867	1	
Nketoana	Reitz	BH17	-27.768700	28.465533	1	
Nketoana	Reitz	BH18	-27.768700	28.458883	1	
Nketoana	Arlington	BH1	-27.838500	28.044650	1	
Ngwathe	Edenville	BHEX	-27.560889	27.670750		1
Ngwathe	Edenville	BH-E01	-27.555720	27.658194		1
Ngwathe	Edenville	BH-E03	-27.561944	27.671944		1
Ngwathe	Edenville	BH-E05	-27.564278	27.671083		1
Ngwathe	Edenville	BH-E09	-27.557814	27.670863		1
Masilonyana	Brandfort	Bran-BH9	-28.689550	26.476620		1
Masilonyana	Brandfort	Bran-BH8	-28.689850	26.476870		1
Masilonyana	Brandfort	Bran-BH7	-28.689380	26.478530		1
Masilonyana	Brandfort	Bran-BH3	-28.690360	26.479710		1

Masilonyana	Brandfort	Bran-BH2	-28.690410	26.480180	1	1
Tokoloko	Dealesville	DBH22	-28.655740	25.76766	1	
Tokoloko	Dealesville	DBH23	-28.655470	25.764820	1	
Tokoloko	Dealesville	DBH25	-28.657900	25.787460	1	
Tokoloko	Dealesville	DBH26	-28.657210	25.785200	1	
Kopanong	Bethany	BHBTY08	-29.612050	25.964733	1	
Kopanong	Bethany	BHBTY09	-29.604783	25.961350	1	
Kopanong	Bethany	BHBTY10	-29.586150	25.930583	1	
Kopanong	Bethany	BHBTY11	-29.586150	25.930517	1	
Kopanong	Bethany	BHBTY12	-29.582917	25.933350	1	1
Kopanong	Bethany	BHBTY13	-29.590400	25.939483	1	1
Kopanong	Bethany	BHBTY14	-29.586150	25.930460	1	
Mohokare	Smithfield	SF-HP01	-30.212294	26.535044	1	
Mohokare	Smithfield	SF-HP02	-30.211914	26.541782	1	
Mohokare	Smithfield	SF-HP03	-30.211888	26.544749	1	
Mohokare	Smithfield	SF-HP04	-30.210045	26.547866	1	
Mohokare	Smithfield	SF-HP05	-30.210583	26.550666	1	
Mohokare	Smithfield	SF-HP06	-30.218544	26.545027	1	
Mohokare	Smithfield	SF-HP07	-30.223267	26.534966	1	
Mohokare	Smithfield	SF-HP08	-30.225854	26.535080	1	
TOTAL FOR FREESTATE					71	36

EASTERN CAPE

Alfred Nzo	Hebron		-30.26189	28.84682	1	
Alfred Nzo	Bethel		-30.22083	28.84833	1	
Alfred Nzo	Outspan		-30.21018	28.84241	1	
Alfred Nzo	Mnceba		-30.82523	29.18294	1	
Amathole	Dambeni		-30.90024	29.32196	1	
Amathole	Nqabara				1	
Amathole	Nqabara				1	
Amathole	Nqabara				1	
Amathole	Nqabara				1	
Amathole	Nqabara				1	
Chris Hani	Dordrecht 1		31°24' 48.312"	27° 3' 37.116"	1	
Chris Hani	Dordrecht 2		31°24' 31.356"	27° 3' 20.772"	1	
Chris Hani	Tarkastad 1		31°58' 21.082"	26° 16'	1	
Chris Hani	Tarkastad 2		31°58' 19.1532"	28.7904"	1	
Chris Hani	Tsazo			26° 16' 43.032"	1	
Joe Gqabi	Luzi				1	
Joe Gqabi	Mangoloaneng				1	
Joe Gqabi	Mt Fletcher				1	
Joe Gqabi	Hillside				1	
Joe Gqabi	Rossouw				1	
OR Tambo	Marubeni		31° 26'0.4333"	29°3' 31.6476"	1	
OR Tambo	Nyathi		31°24'31.9846	29°23' 30.854"	1	
OR Tambo	Nkululekweni		31°5' 6.0162"	29° 28'	1	
OR Tambo	KuBusi		30° 50' 46 "	47.2505"	1	
				28° 41' 52"	1	

OR Tambo		Ookolweni	31°41'47.1242"	28° 46'57.3186"	1	
TOTAL for EASTERN CAPE						
					14	11