



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

EdTM

Enquiries: Ms Z Mathe
Telephone: 012 336 7305
Reference: 21/15/P5

MINISTER OF WATER AND SANITATION

NATIONAL ASSEMBLY: QUESTION 1057 FOR WRITTEN REPLY

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

DIRECTOR-GENERAL

DATE: 27/4/16

DRAFT REPLY APPROVED/~~AMENDED~~

MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION

DATE: 01.05.16

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 1057

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 11 APRIL 2016
(INTERNAL QUESTION PAPER NO. 10)

1057. Ms T E Baker (DA) to ask the Minister of Water and Sanitation:

Has her department conducted an audit to assess the storage capacity of its dams; if not, why not; if so, (a) when was the specified audit conducted and (b) what did the results indicate?

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REPLY:

Yes, my Department conducted an audit to assess the storage capacity of its dams (referred to as capacity determination survey).

- (a) The surveys are taken at the different times as each dam has its own return period for such survey to be conducted. This is largely due to the fact that these dams were commissioned at different times and also that severity of sediment accumulation will differ from dam site to dam site.

The attached **Appendix A** gives the storage audit of departmental dams. **Column E** of the spreadsheet gives a date when the capacity survey was done and **Column N** gives the return period.

- (b) For results of storage audits please refer to **Appendix A, Column K and L**.

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
DAM NAME	DAM OWNER	Nearest Town	Locality	Date	Code	Construction Type (S1, S2, S3)	Construction (m³)	Height at Base	Gauge Plate	Capacity at Full (M³)	% Submerged	Submerged Area (ha)	Return marked	Priority (years since last survey)	Province Code	Owner	Hydro number	Latitude	Longitude	Dam basin maps registration details to access Proj Contour map on QGIS
76 DARLINGTON DAM	SONDAGES	KIRKWOOD	N230-01	1966-00	S	16826	3593	247,22	32,68	206678	37,30	BSW	9	EC	DW	NR001	33.13	25.09	77970-7917179	
77 DARLINGTON DAM	SONDAGES	KIRKWOOD	N230-01	1978-12	S	16826	3371	247,22	31,68	192396	41,30	BSW	9	EC	DW	NR001	33.13	25.09	77970-7917179	
78 DARLINGTON DAM	SONDAGES	KIRKWOOD	N230-01	1990-00	S	16826	34577	247,22	31,68	187691,8	42,70	BSW	9	EC	DW	NR001	33.13	25.09	77970-7917179	
79 DARLINGTON DAM	SONDAGES	KIRKWOOD	N230-01	2007-06	S	16826	36007,47	247,22	31,68	180837,7	45,30	BSW	9	EC	DW	NR001	33.13	25.09	77970-7917179	
80 DISANENG	MOKOLOPO	MIMBATHO	D410-02	1980-00	G	2953	435,9	1187	6,68	17366,0	0,00	BSW	0	NW	DW	DA003	25.46	25.16	1138649,3	
81 DISANENG	MOKOLOPO	MIMBATHO	D410-02	1986-09	S	2953	423,3	1187	6,68	15802,3	9,00	BSW	0	NW	DW	DA003	25.46	25.16	1138649,3	
82 DISANENG	MOKOLOPO	MIMBATHO	D410-02	2003-12	Contour survey	2953	417	1187	6,68	15131,7	12,87	BSW	0	NW	DW	DA003	25.46	25.16	1138649,3	
83 DOORNDRAAI	STERK	MAKOPANE	A600-03	1953-00	H	578	422,0	1125,0	14,97	2697,0	0,00	BSW	17	L	DW	AE001	24.16	28.48	70187-7038778	
84 DOORNDRAAI	STERK	MAKOPANE	A600-03	1975-00	G	578	576,9	1125,0	14,96	47244,0	0,00	BSW	17	L	DW	AE001	24.16	28.48	70187-7038778	
85 DOORNDRAAI	STERK	MAKOPANE	A600-03	1978-10	S	578	576,8	1125,0	14,96	47234,8	0,00	BSW	17	L	DW	AE001	24.16	28.48	70187-7038778	
86 DOORNDRAAI	STERK	MAKOPANE	A600-03	1984-04	S	578	584,8	1125,0	14,96	44203,5	3,40	BSW	17	L	DW	AE001	24.16	28.48	70187-7038778	
87 DOORNSWIER	DOORNS	HOWE	S200-01	1968-00	G	295	373,4	1252,68	10,69	19360,1	16,50	BSW	10	EC	DW	SR002	31.30	27.20	99708-9370686	
88 DOORNSWIER	DOORNS	HOWE	S200-01	1984-05	S	295	385,7	1252,68	10,69	17633,2	13,50	BSW	10	EC	DW	SR002	31.30	27.20	99708-9370686	
89 DOORNSWIER	DOORNS	HOWE	S200-01	1998-11	S	295	395,2	1252,68	10,69	17698,7	27,40	BSW	10	EC	DW	SR002	31.30	27.20	99708-9370686	
90 DOORNSWIER	DOORNS	HOWE	S200-01	2010-09	G	295	1252,68	10,69	17698,7	27,40	BSW	10	EC	DW	SR002	31.30	27.20	99708-9370686		
91 DOUGLAS ATHERTON WEIR/STUWAL	YVAL	DOUGLAS	C900-01	1977-00	G	42	799,1	980,69	2,94	16700,7	0,00	BSW	18	NC	DW	CR003	29.04	23.50	95308-8377187	
92 DOUGLAS	YVAL	DOUGLAS	C110-14	1930-00	G	10	51	1770,0	0,00	1770,0	0,00	BSW	0	G	MU	0	26.28	29.56	94097-9410286	
93 DRIELKOP DAM	NUWEJAARS SPRUIT	HARRISMITH	C800-11	1982-00	G	0	189,6	1699,62	19,81	32270,0	0,00	BSW	20	FS	DW	CR007	28.31	29.04	94097-9410286	
94 DRIELKOP DAM	NUWEJAARS SPRUIT	HARRISMITH	C800-11	1986-04	S	0	189,6	1699,62	19,81	32171,4	0,00	BSW	20	FS	DW	CR007	28.31	29.04	94097-9410286	
95 DRIELKOP DAM	NUWEJAARS SPRUIT	HARRISMITH	C800-11	2002-04	S	0	190,6	1699,62	19,81	32071,2	0,00	BSW	20	FS	DW	CR007	28.31	29.04	94097-9410286	
96 DRIELKOP DAM	HANTAAMS	NIUWOUDETVILLE	E202-12	1916-00	G	518	166	1890,0	0,00	1890,0	0,00	BSW	0	NC	DW	0	31.13	19.15	90487-9049284	
97 DRIELKOP DAM	TUGELA	BERGVALLE	V101-04	1974-00	G	1656	308,4	1184	17,4	15331,20	0,00	BSW	10	KN	DW	VR002	28.45	29.17	90487-9049284	
98 DRIELKOP DAM	TUGELA	BERGVALLE	V101-04	1983-12	S	1656	308,4	1184	17,4	10664,80	31,70	BSW	10	KN	DW	VR002	28.45	29.17	90487-9049284	
99 DRIELKOP DAM	TUGELA	BERGVALLE	V101-04	1986-03	S	1656	305,1	1184	17,4	10387,20	37,30	BSW	10	KN	DW	VR002	28.45	29.17	90487-9049284	
100 DRIELKOP DAM	TUGELA	BERGVALLE	V103-04	1995-03	S	1656	299,1	1184	17,4	9894,10	43,30	BSW	10	KN	DW	VR002	28.45	29.17	90487-9049284	
101 DRIELKOP DAM	TUGELA	BERGVALLE	V103-04	1995-03	S	1656	299,1	1184	17,4	9894,10	43,30	BSW	10	KN	DW	VR002	28.45	29.17	90487-9049284	
102 BENZEEZA	GRANDDOONVLES	QUINWELSKLOOF	B800-19	1947-00	G	0	7	91,00	0,00	91,00	0,00	BSW	0	L	MU	0	23.40	30.08	95304-9530786	
103 BENZEEZA	GRANDDOONVLES	QUINWELSKLOOF	B800-19	1959-10	G	170	386,2	1393,55	35,08	70718,8	0,00	BSW	25	L	DW	BR001	23.56	28.59	95304-9530786	
104 BENZEEZA	GRANDDOONVLES	QUINWELSKLOOF	B800-19	1996-06	G	170	386,2	1393,55	35,08	70228,9	1,00	BSW	25	L	DW	BR001	23.56	28.59	95304-9530786	
105 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	1938-00	G	314	244,40	1476,23	10,68	13065	7,70	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
106 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	1954-00	S	314	235,40	1476,23	10,68	12065	7,70	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
107 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	1972-00	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
108 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	1996-02	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
109 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
110 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
111 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
112 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
113 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
114 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
115 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
116 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
117 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
118 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
119 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
120 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
121 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
122 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
123 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
124 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
125 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
126 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
127 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
128 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
129 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
130 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW	15	FS	DW	DR001	30.30	27.01	1246809,7	
131 EGMENT	WIT SPRUIT	VAN STADENS RUS	D200-08	2011-06	S	314	244,20	1476,23	10,68	9654,4	26,30	BSW								

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
DATE/NAME	Species	Wetland Town	Locality	Date	Code	Catchment area (SQ KM)	Elevation Area (HA)	Height at F.S.A.	Group	Capacity at F.S.L. 1000 CUS	% Settlement	Sediments Reasons	Return period (years)	Priority (years since last survey 1/100/return)	Province/Cepte	Owner	Hydre number	Latitude	Longitude	Open bench map registration number to access PDF Contour map on database
150	GLEN ALPINE	TOLIVE	A600-04	1991-05	S	1282	465.0	810.41	15.21	19953.1	12.70	BSW	11		L	DW	A60002	23.11	28.41	75506-75909/80
151	GLEN ALPINE	TOLIVE	A600-04	2000-11	S	1282	461.3	810.41	15.21	18899.4	7.40	BSW	11		L	DW	A60002	23.11	28.41	75506-75909/80
152	GLEN ALPINE	ABERDEEN	Q300-01	1990-10	G	57	13.0			500	0.00	0	35	0	EC	0	0	32.34	29.46	
153	GLEN ALPINE	GRAHAMSTOWN	Q300-01	1992-10	G	0	76.5	224.95	18.83	6437.8	0.00	BSW	20	0	EC	0	0	33.12	26.38	111979-983/82
154	GLEN ALPINE	GRAHAMSTOWN	Q300-01	2009-05	S	0	77.2	224.95	18.83	62267.65	3.30	BSW	20	0	EC	0	0	33.12	26.38	111979-983/82
155	GLEN ALPINE	VERBURG	Q300-01	1998-00	G	0	0			555	0.00	BSW	30	0	EC	0	0	26.59	24.58	9072-40374/84
156	BOEDERTOLUW	ESHOWE	W120-01	1984-06	S	1273	1197.4	214	68.94	315424.9	0.80	BSW	11		KN	DW	W12001	28.46	31.28	93288-92318/85
157	BOEDERTOLUW	ESHOWE	W120-01	1987-11	S	1273	1185.9	214	68.94	304106.2	4.30	BSW	11		KN	DW	W12001	28.46	31.28	93288-92318/85
158	BOEDERTOLUW	ESHOWE	W120-01	2000-04	S	1273	1183.9	214	68.94	304170.7	5.20	BSW	11		KN	DW	W12001	28.46	31.28	93288-92318/85
159	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1992-00	S	423	1280.0	1056.83	34.05	77490.0	0.00	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
160	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1993-10	S	423	0.0	1056.83	34.05	70200.0	0.00	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
161	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1995-00	S	423	1386.0	1056.83	34.05	59000.0	22.90	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
162	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1995-10	S	423	1320.0	1056.83	34.05	59000.0	33.10	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
163	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1994-00	H	423	1458.0	1057.84	34.96	60665.0	33.10	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
164	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1994-00	H	423	1458.0	1057.84	34.96	60665.0	33.10	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
165	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1996-00	S	423	1450.0	1057.84	34.96	58400.0	31.45	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
166	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	1997-08	S	423	1383.5	1057.84	34.96	48575.7	40.80	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
167	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	2000-06	S	423	1414.5	1057.84	34.96	46188.5	48.20	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
168	GRASSBRIDGE DAM	GERT. BRAK	Q130-01	2012-11	S	423	1410.0	1057.84	34.96	44487.3	51.10	BSW	10		EC	DW	Q13001	31.45	25.28	91059-81062/81
169	GRASSBRIDGE DAM	ZWARTSKOP	M100-01	1992-00	G	261	86.0	543.13	10.94	12385.0	0.00	0	25	0	KN	MU	M10001	33.42	25.16	
170	BROEDDAL DAM	NAAL	C144-02	1978-00	G	7924	0.0	3540.95	29	0.0	0.00	0	25	0	G	DW	C14002	26.56	29.17	1131004-35/82
171	BROEDDAL DAM	NAAL	C144-02	1990-00	H	7924	0.0	3540.95	29	0.0	0.00	0	25	0	G	DW	C14002	26.56	29.17	1131004-35/82
172	BROEDDAL DAM	NAAL	C144-02	1995-04	S	7924	8892.0	1548.96	27.01	356093.1	0.00	BSW	15		G	DW	C14002	26.56	29.17	1131004-35/82
173	BROEDDAL DAM	NAAL	C144-02	1999-04	S	7924	8892.0	1548.96	27.01	356093.1	0.00	BSW	15		G	DW	C14002	26.56	29.17	1131004-35/82
174	GURU	STUTTERHEIM	S600-04	2007-07	S	7924	9883.3	1548.96	27.01	356093.1	0.00	BSW	15		G	DW	C14002	26.56	29.17	1131004-35/82
175	GURU	STUTTERHEIM	S600-04	1997-00	G	28	108.4	1013.41	15.51	9253.6	0.00	BSW	20		EC	DW	S60004	26.56	29.17	88571-88582/84
176	GURU	STUTTERHEIM	S600-04	1981-09	S	28	108.4	1013.41	15.51	9253.6	0.00	BSW	20		EC	DW	S60004	26.56	29.17	88571-88582/84
177	GURU	STUTTERHEIM	S600-04	2001-10	S	28	108.4	1013.41	15.51	9253.6	0.00	BSW	20		EC	DW	S60004	26.56	29.17	88571-88582/84
178	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
179	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
180	HAMMARSDALE	STERK SPRUIT	L600-01	2010-12	G	47	10.0	558.84	0	126.9	37.40	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
181	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
182	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
183	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
184	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
185	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
186	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
187	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
188	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
189	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
190	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
191	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
192	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
193	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
194	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
195	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
196	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
197	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
198	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
199	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
200	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
201	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
202	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
203	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
204	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90	BSW	20		EC	DW	L60001	32.36	27.17	88571-88582/84
205	HAMMARSDALE	STERK SPRUIT	L600-01	1988-02	G	47	8.8	558.84	0	126.9	1.90									

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
DAM NAME	Owner	Nearest Town	Locality	Date	Code	Catchment Area (SQ KM)	Evaporation Area (HA)	Height at P.S. 1	Gauge (Feet)	Capacity at F.S. 1,000 CUB. Metres	% Sediment	Sediment Reservoir	Return period	Priority (years since last survey) *100/return	Province Code	Owner	Hydro number	Latitude	Longitude	Dam basin maps registration number to access P.S. Contour map on database
170 MABELINI	MILAHLANE	ISOLO	1200-06	1999-11	Contour Survey	0	52.1	870	7.68	2098.7	0	0	0	0	EC	DW	120002	31.26	28.33	
171 MADUBENI DAM	EACADU	LADY FRERE	1200-04	2002-10	Contour Survey	0	10.45	3310.15	10.45	3329.7	0	0	0	0	EC	DW	0	31.35	27.10	
172 MADUNGA	THOLWANE	MADUNGA	1300-19	1976-00	G	0	431.8	3070.04	9.35	14596.8	0	BSW	15	0	NW	DW	0	25.33	26.95	113863/83
173 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-07	S	0	431.2	3070.04	9.35	14117.3	0	BSW	15	0	NW	DW	0	25.33	26.95	113863/83
174 MADUNGA	THOLWANE	MADUNGA	1300-19	2004-11	Contour Survey	308.8	489.4	3070.04	9.35	15945.0	0	BSW	15	0	NW	DW	0	25.33	26.95	113863/83
175 MADUNGA	THOLWANE	MADUNGA	1300-19	1970-00	G	64	45.2	839.92	30.23	5017.4	0	BSW	15	0	L	DW	880003	23.50	30.03	9467/86
176 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-06	S	64	45.2	839.92	30.23	4915.1	0	BSW	15	0	L	DW	880003	23.50	30.03	9467/86
177 MADUNGA	THOLWANE	MADUNGA	1300-19	2000-07	S	64	44.3	839.92	30.23	4839.6	0	BSW	15	0	L	DW	880003	23.50	30.03	9467/86
178 MADUNGA	THOLWANE	MADUNGA	1300-19	1999-06	Contour Survey	0	8.6	644.72	5.75	401.4	0	0	0	0	EC	DW	130002	31.30	29.20	
179 MADUNGA	THOLWANE	MADUNGA	1300-19	2000-09	Contour Survey	0	15.4	66.94	10	24.9	0	0	0	0	EC	DW	130002	31.30	29.20	
180 MADUNGA	THOLWANE	MADUNGA	1300-19	1993-04	G	12.9	436.0	1062.79	17.52	50036.4	0	BSW	15	0	NW	DW	430001	25.28	26.23	6723/83
181 MADUNGA	THOLWANE	MADUNGA	1300-19	1977-00	G	12.9	436.0	1062.79	17.52	50036.4	0	BSW	15	0	NW	DW	430001	25.28	26.23	6723/83
182 MADUNGA	THOLWANE	MADUNGA	1300-19	1991-10	S	12.9	437.6	1062.79	17.52	26982.9	0	BSW	15	0	NW	DW	430001	25.28	26.23	6723/83
183 MADUNGA	THOLWANE	MADUNGA	1300-19	2008-04	S	12.9	443.7	1062.79	17.52	26982.3	0	BSW	15	0	NW	DW	430001	25.28	26.23	6723/83
184 MADUNGA	THOLWANE	MADUNGA	1300-19	2003-04	S	0	211.3	1381.89	6.88	5.16	0	0	0	0	KN	DW	0	29.14	29.48	6723/83
185 MADUNGA	THOLWANE	MADUNGA	1300-19	1976-00	G	0	15.5	1867.88	15.68	4880	0	0	0	0	KN	DW	0	29.14	29.48	6723/83
186 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-06	S	0	15.5	1867.88	15.68	4880	0	0	0	0	KN	DW	0	29.14	29.48	6723/83
187 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-06	S	1799	32.4	594	18	17328.2	0	BSW	15	0	KN	DW	880007	23.16	30.24	106269-12/90
188 MADUNGA	THOLWANE	MADUNGA	1300-19	2001-07	S	1799	32.4	594	18	17328.2	0	BSW	15	0	KN	DW	880007	23.16	30.24	106269-12/90
189 MADUNGA	THOLWANE	MADUNGA	1300-19	2003-01	S	0	32.4	1122.71	5.1	796.3	0	0	0	0	KN	DW	0	25.42	27.33	
190 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	928	1043.9	22.24	173948.5	0	0	BSW	20	0	KN	DW	020001	29.29	30.12	86000-86023/83
191 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	928	1043.9	22.24	173948.5	0	0	BSW	20	0	KN	DW	020001	29.29	30.12	86000-86023/83
192 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	928	1043.9	22.24	173948.5	0	0	BSW	20	0	KN	DW	020001	29.29	30.12	86000-86023/83
193 MADUNGA	THOLWANE	MADUNGA	1300-19	1977-00	G	251	24.7	310.25	11.2	1610.2	0	0	0	0	KN	DW	110004	33.49	21.08	113714-16/93
194 MADUNGA	THOLWANE	MADUNGA	1300-19	1979-00	A	251	24.7	310.25	11.2	1610.2	0	0	0	0	KN	DW	110004	33.49	21.08	113714-16/93
195 MADUNGA	THOLWANE	MADUNGA	1300-19	1993-05	S	251	24.7	310.25	11.2	1610.2	0	0	0	0	KN	DW	110004	33.49	21.08	113714-16/93
196 MADUNGA	THOLWANE	MADUNGA	1300-19	1977-00	G	3867	760.3	26.13	3.64	1892.7	0	0	0	0	KN	DW	610003	33.01	18.47	108711-08/71
197 MADUNGA	THOLWANE	MADUNGA	1300-19	1988-10	S	3867	760.3	26.13	3.64	1892.7	0	0	0	0	KN	DW	610003	33.01	18.47	108711-08/71
198 MADUNGA	THOLWANE	MADUNGA	1300-19	2000-03	S	3867	760.3	26.13	3.64	1892.7	0	0	0	0	KN	DW	610003	33.01	18.47	108711-08/71
199 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
200 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
201 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
202 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
203 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
204 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
205 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
206 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
207 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
208 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
209 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
210 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
211 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
212 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
213 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
214 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
215 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
216 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
217 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
218 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
219 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
220 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
221 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
222 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
223 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
224 MADUNGA	THOLWANE	MADUNGA	1300-19	1986-00	G	4319	829.0	91.98	41.94	24876.20	0	0	0	0	KN	DW	440001	23.58	27.43	9496-95008/86
225 MADUNGA	THOLWANE	MADUNGA																		

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
DAM NAME	river	Nearest Town	Locality	Date	Code	Catchment area (SQ KM)	Exposition Area (ha)	Height at F.S.L.	Gauge plate	Capacity at F.S.L. 4500 CUR (M3)	% Sediment	Sediment Beccoms	Return period	Priority (years since last survey *100/return)	Province Code	Owner	Hydro number	Latitude	Longitude	Dam basin map registration number to access PDF Contour map on database
446	INGAGANE	NEWCASTLE	V900-04	1982-00	H	830	3439.9	1245.11	18.59	298437.6	1.7	BSW	15		KN	DW	V18003	27 57	29 57	78440-78447/80
447	INGAGANE	NEWCASTLE	V900-04	1983-00	S	830	3439.9	1245.11	18.59	298437.6	1.7	BSW	15		KN	DW	V18003	27 57	29 57	78440-78447/80
448	INGAGANE	NEWCASTLE	V900-04	2001-11	S	830	3441.24	1245.11	18.59	298437.6	1.7	BSW	15		KN	DW	V18003	27 57	29 57	78440-78447/80
449	INGAGANE	NEWCASTLE	V900-04	1983-00	G	109	58.40	569.43	20.07	5565.7	4	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
450	INGAGANE	NEWCASTLE	V900-04	1979-11	S	109	58.40	569.43	20.07	5565.7	4	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
451	INGAGANE	NEWCASTLE	V900-04	1989-11	S	109	58.40	569.43	20.07	5565.7	4	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
452	INGAGANE	NEWCASTLE	V900-04	2001-05	G	109	58.40	569.43	20.07	5565.7	4	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
453	INGAGANE	NEWCASTLE	V900-04	1984-00	G	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
454	INGAGANE	NEWCASTLE	V900-04	1988-00	S	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
455	INGAGANE	NEWCASTLE	V900-04	1979-11	S	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
456	INGAGANE	NEWCASTLE	V900-04	2000-09	S	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
457	INGAGANE	NEWCASTLE	V900-04	1975-00	G	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
458	INGAGANE	NEWCASTLE	V900-04	1975-00	S	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
459	INGAGANE	NEWCASTLE	V900-04	2000-09	S	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
460	INGAGANE	NEWCASTLE	V900-04	1975-00	S	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
461	INGAGANE	NEWCASTLE	V900-04	2003-09	S	842	318.78	637.38	20.27	31800.8	11.1	BSW	13		KN	DW	A18003	27 38	30 24	29521-29522/52
462	INGAGANE	NEWCASTLE	V900-04	1979-00	G	78	29.2	137.27	24.35	14421.9	0.3	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
463	INGAGANE	NEWCASTLE	V900-04	1979-00	G	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
464	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
465	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
466	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
467	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
468	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
469	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
470	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
471	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
472	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
473	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
474	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
475	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
476	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
477	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
478	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
479	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
480	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
481	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
482	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
483	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
484	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
485	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
486	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
487	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
488	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
489	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
490	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
491	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
492	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
493	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
494	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
495	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
496	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
497	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
498	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
499	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
500	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52
501	INGAGANE	NEWCASTLE	V900-04	1979-00	S	24.1	38.9	60.58	15.11	2370	0	BSW	20		KN	DW	A18003	27 38	30 24	29521-29522/52

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
DAM NAME	River	Nearest Town	Locality	Date	Code	Catchment area (SQ KM)	Evaporation Area (HA)	Height at F.S.	Gauge Place	Capacity at F.S. 1000 CUB Metre	% Sediment	Sediment Becons	Return period	Priority (years since last survey *100/return)	Promisc Code	Owner	Hydro number	Latitude	Longitude	Dam basin map registration number to access PDF Contour map on database
518 ROODKRAAL	BLOED	GROBLERSDAL	B220-02	1983-07	S	201	89,7	1183,21	6,69	2122,6	0	BSW	13	MP	DW	B3R003	25 17	29 39	92295-92296/05	
519 RUST DE WINTER	ELANDS	PRETORIA	B310-01	1971-02	S	1347	473,3	1035,1	17,94	2799,2	2,5	BSW	15	L	DW	B3R001	25 14	28 31	65932-65933/77	
520 RUST DE WINTER	ELANDS	PRETORIA	B310-01	1971-04	S	1347	473,3	1035,1	17,94	2862,05	4,2	BSW	15	L	DW	B3R001	25 14	28 31	65932-65933/77	
521 RUST DE WINTER	ELANDS	PRETORIA	B310-01	2008-08	S	1347	492,82	1035,1	17,94	2859,67	4,3	BSW	15	L	DW	B3R001	25 14	28 31	65932-65933/77	
522 RUSTFONTEIN	MODDER	BLOEMFONTEIN	C520-03	1955-00	G	940	1158,2	1373,03	16,76	7198,6	0	BSW	13	F5	DW	C5R003	29 16	26 37	95655-95657/86	
523 RUSTFONTEIN	MODDER	BLOEMFONTEIN	C520-03	1871-00	S	940	1161,6	1373,03	16,76	7488,9	5,9	BSW	13	F5	DW	C5R003	29 16	26 37	95655-95657/86	
524 RUSTFONTEIN	MODDER	BLOEMFONTEIN	C520-03	1984-00	S	940	1161,6	1373,03	16,76	72914,5	5,9	BSW	13	F5	DW	C5R003	29 16	26 37	95655-95657/86	
525 RUSTFONTEIN	MODDER	BLOEMFONTEIN	C520-03	1989-05	S	940	1161,6	1373,03	16,76	71507,4	5,9	BSW	13	F5	DW	C5R003	29 16	26 37	95655-95657/86	
526 RUSTFONTEIN	MODDER	BLOEMFONTEIN	C520-03	2002-10	S	940	1161,6	1373,03	16,76	71507,4	5,9	BSW	13	F5	DW	C5R003	29 16	26 37	95655-95657/86	
527 SANDHEIL	KEISANMAREK	KEISANMAREK	C300-01	2009-03	S	360	1158,5	1373,03	16,76	71220,9	5,9	BSW	15	EC	DW	R1R001	28 45	27 06	95655-95657/86	
528 SANDHEIL	KEISANMAREK	KEISANMAREK	C300-01	2009-03	S	360	1158,5	1373,03	16,76	71220,9	5,9	BSW	15	EC	DW	R1R001	28 45	27 06	95655-95657/86	
529 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
530 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
531 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
532 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
533 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
534 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
535 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
536 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
537 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
538 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
539 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
540 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
541 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
542 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
543 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
544 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
545 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
546 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
547 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
548 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
549 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
550 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
551 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
552 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
553 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
554 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
555 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
556 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
557 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
558 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
559 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
560 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
561 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
562 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
563 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
564 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
565 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
566 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
567 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
568 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
569 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
570 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
571 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1982-00	G	0	191,9	962,49	37,97	31277,3	0	BSW	15	NW	DW	A3R005	25 18	25 56	113666/93	
572 SEHUKUWAE	SEHUKUWAE/SANDSDOET	LEHURUTSHE	A504-18	1																

