

Table 3.6 List of national assessment sample sites selected grouped per WMA

No.	WMS Code	Sample Site Number	No. of Records	Location of the Site
Limpopo WMA				
9	90334	A4H013Q01	88	Mokolo River at Moordrift/Vught
10	90340	A5H006Q01	42	Limpopo River at Botswana/Sterkloop
11	90341	A5H008Q01	55	Palala River at Ga-Seleka/Bosche Diesch
12	90370	A7H001Q01	51	Sand River at Waterpoort
Luvuvhu and Letaba WMA				
13	90398	A9H011Q01	103	Luvuvhu River at Pafuri/Kruger National Park
14	90399	A9H012Q01	128	Luvuvhu River at Mhinga
15	90524	B8H008Q01	112	Great Letaba River at Letaba Ranch
16	90583	B9H003Q01	110	Shingwidzi River at Kanniedood Dam/Kruger National Park
Crocodile (West) and Marico WMA				
1	90167	A2H019Q01	133	Roodekopjes Dam on Crocodile River: Down Stream Weir
2	90168	A2H021Q01	131	Pienaars River at Buffelspoort
3	90203	A2H059Q01	255	Crocodile River at Vaalkop/Atlanta
4	90220	A2H094Q01	46	Bospoort Dam on Hex River: Down Stream Weir
5	90230	A2H111Q01	126	Vaalkop Dam on Elands River: Down Stream Weir
6	90233	A2H116Q01	128	Paul Hugo Dam on Crocodile River: Down Stream Weir
7	90325	A3R003Q01	32	Kromellenboog Dam on Little Marico River: Near Dam Wall
8	90326	A3R004Q01	52	Molatedi Dam on Great Marico River: Near Dam Wall
Olifants WMA				
17	90412	B1H010Q01	227	Witbank Dam on Olifants River: Down Stream Weir
18	90414	B1H015Q01	218	Middelburg Dam on Little Olifants River: Down Stream Weir
19	90442	B2H015Q01	202	Wilge River at Zusterstroom
20	90444	B3H001Q01	196	Olifants River at Loskop North
21	90458	B3H021Q01	114	Elands River at Scherp Arabie
22	90473	B4H011Q01	95	Steelpoort River at Alverton
23	90491	B6H004Q01	122	Blyde River at Chester
24	90506	B7H009Q01	89	Olifants River at Finale/Liverpool
Inkomati WMA				
150	102933	X1H003Q01	212	Komati River at Tonga
151	102935	X1H014Q01	79	Mlumati River at Lomati
152	102958	X2H013Q01	95	Krokodil River at Montrose
153	102963	X2H016Q01	293	Krokodil River at Tenbosch/Kruger National Park
154	102965	X2H022Q01	90	Kaap River at Dolton
155	102975	X2H032Q01	182	Krokodil River at Weltevrede
156	103014	X3H008Q01	43	Sand River at Exeter
Usutu to Mhlatuze WMA				
143	102832	W1R004Q01	62	Lake Msingazi at Arboretum
144	102834	W2H005Q01	182	White Mfolozi River at Overloed/Ulundi
145	102871	W3H015Q01	150	Hluhluwe River at Valsbaai/St Lucia Inflow
146	102897	W4H004Q01	55	Bivane River at Welgelegen/Pivaansbad
147	102898	W4H006Q01	49	Phongolo River at M'Hlati
148	102901	W4H009Q01	27	Phongolo River at Ndume Game Reserve
149	102914	W5H022Q01	99	Assegai River at Zandbank
Thukela WMA				
135	102695	V1H001Q01	84	Tugela River at Tugela Drift/Colenso
136	102704	V1H010Q01	58	Little Tugela River at Winterton
137	102718	V1H038Q01	72	Klip River at Ladysmith Townlands/Army Camp
138	102740	V2H008Q01	62	Mooi River at Keate's Drift
139	102755	V3H010Q01	200	Buffalo River at Tayside

No.	WMS Code	Sample Site Number	No. of Records	Location of the Site
140	102779	V5H002Q01	79	Tugela River at Mandini
141	102781	V6H002Q01	76	Tugela River at Tugela Ferry
142	102797	V7H012Q01	56	Little Boesmans River at Estcourt
Upper Vaal WMA				
25	90585	C1H002Q01	275	Klip River at Sterkfontein/Delangesdrift
26	90597	C1H017Q01	275	Vaal River at Villiers (Flood Section)
27	90615	C2H004Q01	322	Suikerbosrand River at Uitvlugt (RW S2)
28	90616	C2H005Q01	283	Riet Spruit at Kaal Plaats (RW RV2)
29	90654	C2H071Q01	273	Klip River at Kookfontein/Vereeniging Rail Bridge
30	90668	C2H085Q01	308	Mooi River at Hoogekraal/Kromdraai
31	90859	C8H001Q01	279	Wilge River at Frankfort
32	90884	C8H027Q01	273	Wilge River at Ballingtomp
Middle Vaal WMA				
33	90618	C2H007Q01	244	Vaal River at Pilgrims Estate/Orkney
34	90656	C2H073Q01	240	Skoon Spruit at Goedgenoeg/Orkney Bridge
35	90795	C4H004Q01	147	Vet River at Fizantkraal/Nooitgedacht
36	90809	C4R001Q01	71	Allemanskraal Dam on Sand River: Near Dam Wall
37	90810	C4R002Q01	87	Erfenis Dam on Great Vet River: Near Dam Wall
38	90847	C6H003Q01	137	Vals River at Mooifontein/Bothaville
39	90853	C7H006Q01	255	Renoster River at Arriesrust
Lower Vaal WMA				
No suitable sites were located at the time of sample site selection				
Mvoti to Umzimkulu WMA				
123	102606	T5H007Q01	38	Mzimkulu River at Bezweni/Island View
124	102620	U1H006Q01	54	Mkomazi River at Delos Estate
125	102621	U2H001Q01	N/A	Mgeni River at Howick
126	102624	U2H006Q01	N/A	Karkloof River at Shafton
127	102626	U2H011Q01	N/A	Msunduze River at Henley Dam
128	102629	U2H014Q01	N/A	Albert Falls Dam on Mgeni River: Down Stream Weir
129	102632	U2H022Q01	N/A	Msunduze River at Inanda/Nomfihlelo
130	102651	U2H041Q01	N/A	Msunduze River at Hampstead Park/Moto-X (Darville)
131	102653	U2H043Q01	N/A	Mgeni River at Inanda/Mgeni Confluence (Mngs)
132	102675	U3H005Q01	N/A	Hazelmere Dam on Mdloti River: Down Stream Weir (Hmro)
133	102679	U4H008Q01	194	Canal (Left) from Mvoti River at Hlazane/Glendal
134	102693	U8H003Q01	59	Mpambanyoni River at Umbeli Belli
Mzimvubu to Keiskamma WMA				
107	102504	R1H015Q01	78	Keiskamma River at Farm 7/Howard Shaw Bridge
108	102525	R2R003Q01	74	Bridle Drift Dam on Buffalo River: Near Dam Wall
109	102526	R3H001Q01	37	Gqunube River at Outspan
110	102527	R3H003Q01	27	Nahoon Dam on Nahoon River: Down Stream Weir
111	102528	R3H004Q01	53	Nahoon Dam on Nahoon River: Pipe to Purification Works
112	102534	S1R001Q01	16	Xonxa Dam on White Kei River: Near Dam Wall
113	102545	S3H006Q01	52	Klaas Smits River at Weltevreden/Queenstown
114	102553	S5H002Q01	55	Tsomo River at Wyk Maduma/Tsomo
115	102565	S7H001Q01	45	Gcuwa River at Butterworth
116	102568	S7H004Q01	58	Great Kei River at Area 8 Sprigs B/Transkei Border
117	102573	T1H004Q01	34	Bashee River at Bashee Bridge
118	102586	T3H004Q01	58	Mzintlana River at Slangfontein/Kokstad
119	102587	T3H005Q01	46	Tina River at Mahlunqulu
120	102588	T3H006Q01	45	Tsitsa River at Xonkonxa/Tsitsa Bridge
121	102590	T3H008Q01	60	Mzimvubu River at Kromdraai/Inungi

No.	WMS Code	Sample Site Number	No. of Records	Location of the Site
122	102615	T7H001Q01	40	Mngazi River at Mgwenyana 22/Mngazi
Upper Orange WMA				
40	101788	D1H001Q01	151	Wonderboom/Stormboom Spruit at Diepkloof/Burgersdorp
41	101789	D1H003Q01	253	Orange River at Aliwal North
42	101790	D1H005Q01	16	Orange River at White Hill (Lesotho G4)
43	101791	D1H006Q01	127	Kornet Spruit at Maghaleen
44	101793	D1H009Q01	127	Orange River at Oranjedraai
45	101795	D1H011Q01	113	Kraai River at Roodewal
46	101808	D2H012Q01	59	Little Caledon river at the Poplars
47	101816	D2H036Q01	99	Caledon River at Kommissiedrift
48	101820	D2R004Q01	54	Welbedacht Dam on Caledon river: Near Dam Wall
49	101828	D3H013Q01	126	Orange River at Roodepoort
50	101837	D3R003Q01	35	Vanderkloof Dam on Orange River: Near Dam Wall
Lower Orange WMA				
51	101824	D3H008Q01	240	Orange River at Marksdrift
52	101869	D5H021Q01	35	Sak River at De Kruis/Williston
53	101878	D7H008Q01	230	Orange River at Boegoeberg Reserve/Zeekoebaart
54	101884	D7H015Q01	200	South Canal from Orange River at Kakamas/Neusberg
55	101888	D8H003Q01	229	Orange River at Vioolsdrift
56	101893	D8H008Q01	234	Orange River at Pella Mission
Fish to Tsitsikamma WMA				
81	102313	K8H001Q01	31	Kruis River at Farm 508 Pineview
82	102314	K8H002Q01	35	Elands River at Kwaai Brand Forest Reserve/Witelbos
83	102329	L3R001Q01	64	Beervlei Dam at Windheuveld
84	102349	L6H001Q01	31	Heuningklip River at Camperspoort
85	102353	L7H006Q01	139	Groot River at Grootrivierspoort
86	102358	L8H005Q01	81	Kouga River at Stuurmanskraal
87	102386	N1H013Q01	54	Mackiesputs Eye at Graaf-Reinet/Van Reyneveldspas
88	102392	N2H007Q01	59	Sundays River at De Draay
89	102422	N3H002Q01	73	Voël River at Rietvley
90	102425	N4H003Q01	77	Sundays River at Addo Drift East/Addo Bridge
91	102430	P1H003Q01	110	Boesmans River at Donkerhoek/Alicedale
92	102435	P3H001Q01	99	Kariega River at Smithfield/Lower Waterford
93	102438	P4H001Q01	76	Kowie River at Bathurst/Wolfscrag
94	102440	Q1H012Q01	129	Teebus River at Jan Blaauws Kop/Beaconsfield
95	102443	Q1H017Q01	119	Right Canal from Great Fish River at Katkop/Zoutpansdrift
96	102445	Q1H022Q01	105	Grassridge Dam on Great Brak River – Outlet to River
97	102448	Q2H002Q01	173	Great Fish River at Zoutpansdrift
98	102455	Q4H013Q01	133	Tarka River at Bridge Farm/Tarka Bridge (New Weir)
99	102457	Q4R002Q01	58	Kommandodrift Dam on Tarka River at Kommandodrift
100	102463	Q6H003Q01	219	Baviaans River at Botmansgat/De Klerkdal
101	102464	Q7H003Q01	120	Great Fish River at Leeuwe Drift
102	102475	Q8H011Q01	130	Little Fish River at Rietfontein/Junction Drift
103	102478	Q9H001Q01	123	Great Fish River at Fort Brown Peninsula
104	102479	Q9H002Q01	88	Koonap River at Adelaide
105	102487	Q9H018Q01	137	Great Fish River at Matomela's Reserve/Outspan
106	102496	Q9H029Q01	83	Kat River at Fort Beaufort
Gouritz WMA				
68	102123	H8H001Q01	61	Duiwenhoks River at Dassjes Klip
69	102130	H9H005Q01	82	Goukou River at Farm 216 (SWQ 4A-11) D/S River
70	102148	J1H019Q01	83	Groot River at Buffelsfontein/Van Wyksdorp

No.	WMS Code	Sample Site Number	No. of Records	Location of the Site
71	102168	J2H010Q01	89	Gamka River at Huisrivier
72	102173	J2H016Q01	37	Gamkapoort Dam on Gamka River: Down Stream Weir
73	102179	J2R004Q01	48	Gamka Dam on Gamka River: Near Dam Wall
74	102183	J3H011Q01	181	Olifants River at Warm Water
75	102207	K1H005Q01	64	Moordkuil River at Banff
76	102243	K2H004Q01	58	Great Brak River at Vishoek
77	102248	K3H001Q01	67	Kaaimans River at Upper Barbiers Kraal
78	102250	K3H003Q01	62	Maalgate River at Knoetze Kama/Buffelsdrift
79	102283	K4R002Q01	62	Swart Vlei at Ronde Valley/Hoogekraal
80	102312	K7H001Q01	145	Bloukrans River at Lottering Forest Reserve
Olifants/Doorn WMA				
57	101900	E1R001Q01	132	Bulshoek Dam on Olifants River: Near Dam Wall
58	101902	E2H002Q01	54	Doring River at Elands Drift/Aspoort
59	101903	E2H003Q01	165	Doring River at Melkboom
Breede WMA				
63	101998	G4H007Q01	222	Palmiet River at Farm 562- Welgemoed/Kleinmond
64	102088	H4H024Q01	202	Robertson Canal from Bree River at De Goree
65	102099	H5H005Q01	172	Bree River at Wagenboomsheuvel/Drew
66	102107	H6H009Q01	55	Riviersonderend at Reenen
67	102119	H7H006Q01	53	Bree River at Swellendam
Berg WMA				
60	101935	G1H031Q01	215	Berg River at Misverstand/Die Brug
61	101939	G1H036Q01	224	Berg River at Vleesbank/Hermon Bridge
62	101975	G2H015Q01	211	Eerste River at Faure

Map 3 indicates the location of the “hot spot” sites that represent those sites in the individual WMA sample sites sets (a separate but associated study that is also underway) whose median concentrations exceed the *Very Good* and *Good* classes. This is information that is additional to the national assessment sample site set.

Map 3 The location of the “hot spot” sample sites on a national scale