

Level 1: Key Actions	Level 2: Supporting Actions	Level 3: Regional Actions	Nat. Reg. & System (N/Prov./P/Local E.)	Baseline / Status Quo	Overst targets Drivers / Goals	Major Measurable Deliverables	Target Date		Responsible Institutions		Present Value Cost (VAT excl.) R million (2018 MP horizon)	Breakdown of deliverables per line		2014-2025		2026-2030		2031-2039		Priority	What level of impact will the project have on the environment? (1) Major benefit (P-10); (2) Moderate benefit (P-15); (3) Few direct benefits (P-20); (4) No direct dependencies	Is it a foundation action? (1) Critical; (2) Strategic; (3) Support (P) (No direct dependencies)	Magnitude of impact does not occur (reporting P) (No direct dependencies)	2031-2039 (Beyond current MP horizon)	Date	PV Cost R million	No	2026-2030 (Current MP horizon, to vary in future)	Date	PV Cost R million	2031-2039 (Beyond current MP horizon)	Date	PV Cost R million			
							Start date	Compl. Date	Lead	Support		Deliverable	Date	Deliverable	Date	Deliverable	Date	Deliverable	Date															Deliverable	Date	Deliverable
							TOTAL R		TOTAL R			TOTAL R		TOTAL R		TOTAL R		TOTAL R																TOTAL R		TOTAL R
2.1 Creating effective water sector institutions																																				
2.1.1 Develop a business case for streamlined institutional arrangements in the water sector																																				
2.1.2 Establish a National Water Resources Authority (NWRA)																																				
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2.2 Managing data and information																																				
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Level 1: Key Actions	Level 2: Supporting Actions	Level 3: Regional Actions	Ind. Res. & Status (N/P/CP/PL/Local/L)	Baseline / Status Quo	Overall Targets Drivers / Goals	Target Date		Responsible Institutions		Present Value Cost (VMT - V&T)	Breakdown of deliverables per time			2018-2020		2021-2025		2026-2030		2031-2050		Priority																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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2.3 Building Capacity for Action	2.3.2 Review and develop a comprehensive DWS management strategy. 2.3.3 Develop and implement a programme for recruiting and retaining technical staff in Free State and then South Africa and then...	National	N	DWS Management Strategy between provinces and programmes not aligned	A.4	Quantify main technical positions requirements for all in technical functions	2018	2019	Annual DWS		5	Approved comprehensive DWS Information Management Strategy and Plan	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100	2105	2110	2115	2120	2125	2130	2135	2140	2145	2150	2155	2160	2165	2170	2175	2180	2185	2190	2195	2200	2205	2210	2215	2220	2225	2230	2235	2240	2245	2250	2255	2260	2265	2270	2275	2280	2285	2290	2295	2300	2305	2310	2315	2320	2325	2330	2335	2340	2345	2350	2355	2360	2365	2370	2375	2380	2385	2390	2395	2400	2405	2410	2415	2420	2425	2430	2435	2440	2445	2450	2455	2460	2465	2470	2475	2480	2485	2490	2495	2500	2505	2510	2515	2520	2525	2530	2535	2540	2545	2550	2555	2560	2565	2570	2575	2580	2585	2590	2595	2600	2605	2610	2615	2620	2625	2630	2635	2640	2645	2650	2655	2660	2665	2670	2675	2680	2685	2690	2695	2700	2705	2710	2715	2720	2725	2730	2735	2740	2745	2750	2755	2760	2765	2770	2775	2780	2785	2790	2795	2800	2805	2810	2815	2820	2825	2830	2835	2840	2845	2850	2855	2860	2865	2870	2875	2880	2885	2890	2895	2900	2905	2910	2915	2920	2925	2930	2935	2940	2945	2950	2955	2960	2965	2970	2975	2980	2985	2990	2995	3000	3005	3010	3015	3020	3025	3030	3035	3040	3045	3050	3055	3060	3065	3070	3075	3080	3085	3090	3095	3100	3105	3110	3115	3120	3125	3130	3135	3140	3145	3150	3155	3160	3165	3170	3175	3180	3185	3190	3195	3200	3205	3210	3215	3220	3225	3230	3235	3240	3245	3250	3255	3260	3265	3270	3275	3280	3285	3290	3295	3300	3305	3310	3315	3320	3325	3330	3335	3340	3345	3350	3355	3360	3365	3370	3375	3380	3385	3390	3395	3400	3405	3410	3415	3420	3425	3430	3435	3440	3445	3450	3455	3460	3465	3470	3475	3480	3485	3490	3495	3500	3505	3510	3515	3520	3525	3530	3535	3540	3545	3550	3555	3560	3565	3570	3575	3580	3585	3590	3595	3600	3605	3610	3615	3620	3625	3630	3635	3640	3645	3650	3655	3660	3665	3670	3675	3680	3685	3690	3695	3700	3705	3710	3715	3720	3725	3730	3735	3740	3745	3750	3755	3760	3765	3770	3775	3780	3785	3790	3795	3800	3805	3810	3815	3820	3825	3830	3835	3840	3845	3850	3855	3860	3865	3870	3875	3880	3885	3890	3895	3900	3905	3910	3915	3920	3925	3930	3935	3940	3945	3950	3955	3960	3965	3970	3975	3980	3985	3990	3995	4000	4005	4010	4015	4020	4025	4030	4035	4040	4045	4050	4055	4060	4065	4070	4075	4080	4085	4090	4095	4100	4105	4110	4115	4120	4125	4130	4135	4140	4145	4150	4155	4160	4165	4170	4175	4180	4185	4190	4195	4200	4205	4210	4215	4220	4225	4230	4235	4240	4245	4250	4255	4260	4265	4270	4275	4280	4285	4290	4295	4300	4305	4310	4315	4320	4325	4330	4335	4340	4345	4350	4355	4360	4365	4370	4375	4380	4385	4390	4395	4400	4405	4410	4415	4420	4425	4430	4435	4440	4445	4450	4455	4460	4465	4470	4475	4480	4485	4490	4495	4500	4505	4510	4515	4520	4525	4530	4535	4540	4545	4550	4555	4560	4565	4570	4575	4580	4585	4590	4595	4600	4605	4610	4615	4620	4625	4630	4635	4640	4645	4650	4655	4660	4665	4670	4675	4680	4685	4690	4695	4700	4705	4710	4715	4720	4725	4730	4735	4740	4745	4750	4755	4760	4765	4770	4775	4780	4785	4790	4795	4800	4805	4810	4815	4820	4825	4830	4835	4840	4845	4850	4855	4860	4865	4870	4875	4880	4885	4890	4895	4900	4905	4910	4915	4920	4925	4930	4935	4940	4945	4950	4955	4960	4965	4970	4975	4980	4985	4990	4995	5000	5005	5010	5015	5020	5025	5030	5035	5040	5045	5050	5055	5060	5065	5070	5075	5080	5085	5090	5095	5100	5105	5110	5115	5120	5125	5130	5135	5140	5145	5150	5155	5160	5165	5170	5175	5180	5185	5190	5195	5200	5205	5210	5215	5220	5225	5230	5235	5240	5245	5250	5255	5260	5265	5270	5275	5280	5285	5290	5295	5300	5305	5310	5315	5320	5325	5330	5335	5340	5345	5350	5355	5360	5365	5370	5375	5380	5385	5390	5395	5400	5405	5410	5415	5420	5425	5430	5435	5440	5445	5450	5455	5460	5465	5470	5475	5480	5485	5490	5495	5500	5505	5510	5515	5520	5525	5530	5535	5540	5545	5550	5555	5560	5565	5570	5575	5580	5585	5590	5595	5600	5605	5610	5615	5620	5625	5630	5635	5640	5645	5650	5655	5660	5665	5670	5675	5680	5685	5690	5695	5700	5705	5710	5715	5720	5725	5730	5735	5740	5745	5750	5755	5760	5765	5770	5775	5780	5785	5790	5795	5800	5805	5810	5815	5820	5825	5830	5835	5840	5845	5850	5855	5860	5865	5870	5875	5880	5885	5890	5895	5900	5905	5910	5915	5920	5925	5930	5935	5940	5945	5950	5955	5960	5965	5970	5975	5980	5985	5990	5995	6000	6005	6010	6015	6020	6025	6030	6035	6040	6045	6050	6055	6060	6065	6070	6075	6080	6085	6090	6095	6100	6105	6110	6115	6120	6125	6130	6135	6140	6145	6150	6155	6160	6165	6170	6175	6180	6185	6190	6195	6200	6205	6210	6215	6220	6225	6230	6235	6240	6245	6250	6255	6260	6265	6270	6275	6280	6285	6290	6295	6300	6305	6310	6315	6320	6325	6330	6335	6340	6345	6350	6355	6360	6365	6370	6375	6380	6385	6390	6395	6400	6405	6410	6415	6420	6425	6430	6435	6440	6445	6450	6455	6460	6465	6470	6475	6480	6485	6490	6495	6500	6505	6510	6515	6520	6525	6530	6535	6540	6545	6550	6555	6560	6565	6570	6575	6580	6585	6590	6595	6600	6605	6610	6615	6620	6625	6630	6635	6640	6645	6650	6655	6660	6665	6670	6675	6680	6685	6690	6695	6700	6705	6710	6715	6720	6725	6730	6735	6740	6745	6750	6755	6760	6765	6770	6775	6780	6785	6790	6795	6800	6805	6810	6815	6820	6825	6830	6835	6840	6845	6850	6855	6860	6865	6870	6875	6880	6885	6890	6895	6900	6905	6910	6915	6920	6925	6930	6935	6940	6945	6950	6955	6960	6965	6970	6975	6980	6985	6990	6995	7000	7005	7010	7015	7020	7025	7030	7035	7040	7045	7050	7055	7060	7065	7070	7075	7080	7085	7090	7095	7100	7105	7110	7115	7120	7125	7130	7135	7140	7145	7150	7155	7160	7165	7170	7175	7180	7185	7190	7195	7200	7205	7210	7215	7220	7225	7230	7235	7240	7245	7250	7255	7260	7265	7270	7275	7280	7285	7290	7295	7300	7305	7310	7315	7320	7325	7330	7335	7340	7345	7350	7355	7360	7365	7370	7375	7380	7385	7390	7395	7400	7405	7410	7415	7420	7425	7430	7435	7440	7445	7450	7455	7460	7465	7470	7475	7480	7485	7490	7495	7500	7505	7510	7515	7520	7525	7530	7535	7540	7545	7550	7555	7560	7565	7570	7575	7580	7585	7590	7595	7600	7605	7610	7615	7620	7625	7630	7635	7640	7645	7650	7655	7660	7665	7670	7675	7680	7685	7690	7695	7700	7705	7710	7715	7720	7725	7730	7735	7740	7745	7750	7755	7760	7765	7770

Level 1: Key Actions	Level 2: Supporting Actions	Level 3: Regional Actions	Baseline / Status Quo	Drivers / Goals	Major Deliverable	Target Date	Responsible Institutions	Present Value Cost (M USD)	2018-2020		2021-2025		2026-2030		Note	Mileposts of impact if action does not occur	Is it a foundation action?	Priority																			
									Start date	Start date	Deliverable	PV Cost R million	Deliverable	PV Cost R million					Deliverable	PV Cost R million																	
2.6 Enabling Research, Development and Innovation	Review the Municipal Water Management Policy (MWP) and the Municipal Water Management Policy (MWP) to ensure they provide an enabling environment for the development and implementation of water services.	National	Current Municipal Systems Act and MFA	Drivers / Goals	Able to facilitate sustainable water services	2018	DWS, COGTA, SALGA	R	10	2020	10	2025	10	2030	10	10	1	1																			
																			2.6.1	Improve and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2		
																			2.6.2	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	
																			2.6.3	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.6.4	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.6.5	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.6.6	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.6.7	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.6.8	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.6.9	Develop and regularly update research, development and innovation roadmaps across the sector	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
2.7 Implementing of NWASMP	Implement the NWASMP	National	Current Municipal Systems Act and MFA	Drivers / Goals	Able to facilitate sustainable water services	2018	DWS, COGTA, SALGA	R	10	2020	10	2025	10	2030	10	10	1	1																			
																			2.7.1	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2		
																			2.7.2	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	
																			2.7.3	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.7.4	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.7.5	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.7.6	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.7.7	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.7.8	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2
																			2.7.9	Implement the NWASMP	2018/18	2020/21	2025/25	2030/30	2035/35	2040/40	2045/45	2050/50	2	2	2	2	2	2	2	2	2

Surface water ↕

Desalination ↕

Re-use ↕

Project Name	Project Description	Province	Metro or District Municipality	Local Municipality	Water Management Area (WMA)	Catchment	Incremental Yield (million m ³ /a)	Procurement	Project Cost (R million)		Start Date	End Date	Coordinates						
									Fiscus	Off-budget			Latitude (South)	Longitude (East)					
TOTAL (all)									R	R									
Surface Water														R	73 012	R	52 600		
Lesotho Highlands Water Project - Phase 2	The construction of the Polihali Dam, a tunnel and associated works to augment the Vaal River System, which supplies water to Gauteng and surrounding areas.	N/A	Cape Town (City of) Metropolitan Municipality	N/A	Orange	Senqu River Catchment (Lesotho)	470	Design	N/A	23 000	2020	2030							
Western Cape Water Supply System Augmentation Project	Voëlviel Dam Supplement Scheme, including abstraction and bulk water conveyance infrastructure to augment the water supply to the City of Cape Town and the surrounding areas.	Western Cape	Cape Town (City of) Metropolitan Municipality		Berg_Olifants	Voelviel River Catchment	20	Financing	400			2024	33°20'14.56"	19°02'1.25"					
Western Cape Water Supply System Desalination Plant and/or Water Re-use	Large Scale Desalination Plant and/or Water Re-use Plant that will require government assistance with funding.	Western Cape			Berg_Olifants		49	Concept and Viability		4 800		2025	33°55'32.41"	18°25'25.57"					
uMkhomazi Water Project: Phase 1 Raw Water	The construction of the Smithfield Dam, a balancing dam, tunnel and pipeline to augment the Mgeni Water Supply System (WSS) that supplies eThekweni, uMgungundlovu and the surrounding areas. The Mgeni WSS is already in deficit.	KwaZulu Natal		Ingwe Local Municipality (KZ5a1)	Pongola_Mzimkulu	uMkhomazi River Catchment	215	Concept and Viability		23 800	2023	2028	29°46'33.36"	29°56'26.62"					
Acid Mine Drainage (AMD) - Phase 2 Western Basin	The implementation of the long-term solution in the Witwatersrand Gold Fields Areas. The construction of water treatment plants, pipelines, and waste disposal facilities to address the AMD associated with the Eastern, Central and Western Basins, by desalination of the AMD to industrial and/or potable	Gauteng	Ekurhuleni Metropolitan Municipality	Randfontein Local Municipality (GT412)	Vaal	Middle Vaal River Catchment	220	Financing	10 000		2019	2 021	26°08'03.06"	27°42'58.37"					
Acid Mine Drainage (AMD) - Phase 2 Central Basin			Ekurhuleni Metropolitan Municipality										26°13'01.71"	28°10'57.49"					
Acid Mine Drainage (AMD) - Phase 2 Eastern Basin			uThungulu District Municipality										26°14'59.47"	28°29'17.64"					
Thukela - Goedertrouw Emergency Water Transfer Scheme	Emergency scheme to transfer water from the Tugela River to the Goedertrouw Dam.	KwaZulu Natal	eThekweni Metropolitan Municipality	Umlazi Local Municipality (KZ284)	Pongola_Mzimkulu	Mhlatuze River Catchment	26	Design	420		2018	2021	28°46'29.86"	31°27'55.67"					
Lower uMkhomazi Bulk Water Supply Scheme or South Coast Desalination at Illovo	Construction of the Ngwadini Off-channel Storage Dam and bulk water conveyance infrastructure, or the construction of the Illovo Desalination Plant, for augmentation of supply to the South Coast Water Supply Scheme.	KwaZulu Natal	Ugu District Municipality		Pongola_Mzimkulu	uMkhomazi River Catchment	36	Concept and Viability	3 600		2019	2023	30°06'06.89"	30°49'30.08"					
Mzimvubu Water Project	Construction of the Ntabelanga Dam and the Lalini Dam on the Itsitsa River, a water treatment plant and bulk water conveyance infrastructure for multi-purpose development of, inter alia, irrigation, hydropower stations and possible inter basin transfers for domestic and industrial use.	Eastern Cape	OR Tambo District Municipality	Mhlonlo Local Municipality (EC156)	Mzimvubu_Tsitsikama	Mzimvubu River Catchment	60	Financing	20 000			2019	31°07'01.40"	28°40'20.45"					
Algoa Water Supply System - Re-use	Large-scale Water Re-use Plant that will require government funding assistance.	Eastern Cape	Sarah Baartman District Municipality		Mzimvubu_Tsitsikama		18	Design	800			2025	33°56'27.88"	25°33'57.51"					
Kouga River Development	Raising of the Kouga Dam or a new dam on the Kouga River at Guernakop.	Eastern Cape	Sarah Baartman District Municipality	Kouga Local Municipality (EC108)	Mzimvubu_Tsitsikama	Kouga River Catchment		Pre-Feasibility	To be determined		To be determined	To be determined	33°41'48.95"	24°30'4.38"					

Lusikisiki Regional Water Supply Scheme	Construction of the Zalu Dam on the Xura River, a water treatment plant, bulk water conveyance infrastructure, reservoirs and groundwater development to secure water supply for domestic and small-scale irrigation in Lusikisiki and surrounding areas.	Eastern Cape	OR Tambo District Municipality	Ngqushwa Local Municipality (EC126)	Mzimvubu_Tsitsikama	Msikaba River Catchment	7	Financing	2 100			2022	31°22'6.06"	29°34'7.54"
Orange-Fish-Sundays River Government Water Scheme	Construction of a balancing dam and pipeline to, with the aim to provide additional storage for Nelson Mandela Bay Municipality's water allocation from the Orange River.	Eastern Cape	Sarah Baartman District Municipality		Mzimvubu_Tsitsikama			Feasibility	To be determined			To be determined	33°56'27.88"	25°33'57.51"
Koonap River Development	The construction of the Foxwood Dam, a water treatment works and bulk water conveyance infrastructure to secure water supply for domestic use and small-scale irrigation in Adelaide and surrounding areas.	Eastern Cape	Amatole District Municipality	Nkuba Local Municipality (EC128)	Mzimvubu_Tsitsikama	Koonap River Catchment	17	Financing	3 100			2024	32°42'25.72"	26°17'42.86"
Clanwilliam Dam Raising and Weir	Raising of the Clanwilliam Dam and the construction of a weir, extension of the bulk water conveyance infrastructure to augment agricultural and domestic water supplies to meet increasing demands.	Western Cape	Cape Winelands District Municipality	Cederberg Local Municipality (WC012)	Berg_Olifants	Olifants River Catchment (Western Cape)		Concept and Viability	1 800			2023	32°11'4.84"	18°52'28.43"
Greater Brandvlei Scheme Upgrading - Phase 1	Increase the yield of the scheme with 33 million m ³ /a through a small incremental raising of the freeboard (height of canal to prevent overtopping) of the gravity-fed canal.	Western Cape	Cape Winelands District Municipality	Breede Valley Local Municipality (WC025)	Berg_Olifants	Breede River Catchment		Identification	7,2			To be determined	33°45'53.76"	19°28'20.24"
Greater Brandvlei Scheme Upgrading - Phase 2	Increase the yield of the scheme with a further 51 million m ³ /a through increasing the pump station.	Western Cape	Cape Winelands District Municipality	Breede Valley Local Municipality (WC025)	Berg_Olifants	Breede River Catchment		Identification	To be determined			To be determined	33°45'53.76"	19°28'20.24"
Mvoti Water Project	Dam developments on the Mvoti River, bulk water conveyance infrastructure and groundwater development to secure water supply for the domestic and industrial users in the Greytown and KwaDukuza (Stanger) Areas, increased water availability in the Mvoti River Catchment and for supply to the KZN North Coast Areas.	KwaZulu Natal	Ugu District Municipality	Maphumulo Local Municipality (KZ294)	Pongola_Mzimkulu	Mvoti River Catchment	To be reviewed	Definition	To be determined			To be determined	29°15'0.00"	31°00'30.00"
Mzimkulu River: Ncwabeni Off-channel Storage Dam	Construction of a Off-channel Storage Dam, weir, pump station and pipeline to ensure a reliable water supply to the Northern Part of the Lower KZN South Coast during dry periods.	KwaZulu Natal	Ugu District Municipality	Umzumbi Local Municipality (KZ213)	Pongola_Mzimkulu	uMzimkhulu River Catchment	12	Concept and Viability	1 000			2020	30°36'27.60"	30°14'21.64"
Mfolozi River: Regional Water Supply Scheme	Raising of the Klipfontein Dam and the construction of two new off-channel storage dams, and/or water transfer from the Thugela River. Phase 3, to meet the medium and long-term water requirements of the Mfolozi River Catchment as well as for Ulundi, Mtubatuba and Richards Bay.	KwaZulu Natal	Amajuba District Municipality	Abaqulusi Local Municipality	Pongola_Mzimkulu	White Mfolozi River Catchment	To be determined	Definition	To be determined			To be determined	27°50'15.14"	30°48'50.34"
Buffalo River System Water Resource Development Project	The construction of dams, off-channel storage dams, bulk water conveyance infrastructure and groundwater development to meet the medium and long-term water requirements of the Newcastle, Durmaco, Utrecht, Dundee/Glencoe, Nqutu, Nondweni, Pomeroy and Sampofu Water Supply Schemes.	KwaZulu Natal	Amajuba District Municipality	Newcastle Local Municipality (KZ252)	Pongola_Mzimkulu	Buffalo River Catchment	To be determined	Identification	To be determined			To be determined	27°44'39.83"	29°56'13.25"

LTBWSS – Phase 2	Doubling the capacity of Phase 1 of the LTBWSS to further augment water supply to Umgeni Water for treatment to the KZN North Coast (Mdloti to Thukela Areas).	KwaZulu Natal	iLembe District Municipality	KwaDukuza Local Municipality (KZ292)	Pongola_Mzimkulu	Tugela River Catchment	20	Design	To be determined	To be determined	2021	29°10'05.81"	31°22'36.73"
KwaZulu Natal North Coast Water Re-use Scheme	Upgrading of the North Coast Waste Water Treatment Plants and planning for direct re-use of treated waste water.	KwaZulu Natal	iLembe District Municipality		Pongola_Mzimkulu	Mdloti River Catchment		Design	To be determined	To be determined	From 2017 to 2020		
The Stephen Dlamini Dam	Construction of a dam on the Luhane River for supply to the Harry Gwala District Municipality Regional Bulk Water Supply Scheme.	KwaZulu Natal	Harry Gwala District Municipality	Ingwe Local Municipality (KZ5a1)	Pongola_Mzimkulu	Luhane River Catchment	3	Financing	510	1919	2024	29°50'22.39"	29°44'20.50"
Crocodile East Water Project	Construction of a dam and bulk water conveyance infrastructure to meet the long-term water requirements of the Crocodile East River catchment, including Mbombela (Nelspruit) and surrounding areas.	Mpumalanga	Ehlanzeni District Municipality	Mbombela Local Municipality (MP322)	Inkomathi_Usuthu	Crocodile River East Catchment	To be determined	Definition	To be determined	To be determined	2027	25°36'45.00"	31°16'15.00"
Lower Orange River - Vioolsdrift Dam	The construction a dam on the Orange River, which is jointly undertaken with Namibia, to increase the yield of the Orange River to cater for increasing demand in the area.	Northern Cape	Namakwa District Municipality	Nama Khoi Local Municipality (NC062)	Orange	Lower Orange River Catchment	80	Feasibility	650	1000	2024	28°45'28.59"	17°36'47.11"
Greater Mangaung Water Augmentation Project.	The construction of the Gariep Pipeline, abstraction works and pump stations to augment supply to Bloem Water Board's Supply Area.	Free State	Mangaung	Pixley Ka Seme Local Municipality (MP304)	Orange	Middle Orange River Catchment	To be determined	Pre-Feasibility and Feasibility	5200	Unknown	To be determined	30°37'24.18"	25°30'24.36"
ORWRDP - Phases 2B to 2H	Bulk Distribution and Sub Phase 2C. Under Phase 2B a pipeline from Flag Boshielo Dam to Mokopane, (Phase 2C) will be constructed. The pipeline from the De Hoop Dam to Steelpoort will link Phase 2D and a second pipeline from Steelpoort to Mooihoek, (Phases 2E to 2H) are under consideration. Balancing dams, operational infrastructure and appurtenant works will also be constructed.	Limpopo	Mopani District Municipality	Groblersdal (Greater) Local Municipality (NP03a5)	Olifants	Olifants River Catchment		Construction	2 800		2017	24°46'50.06"	29°25'32.66"
Groot Letaba Water Augmentation Project (GLEWAP) - Phase 1	The Tzaneen Dam Raising and the construction of a water treatment plant, pipelines and reservoirs to meet the projected growing domestic water supply requirements to the year 2025 and to improve the water availability for the riverine ecosystem.	Limpopo	Mopani District Municipality	Tzaneen (Greater) Local Municipality (NP333)	Olifants	Groot Letaba River Catchment		Construction	125		2019	23°47'57.34"	30° 9'58.43"
GLEWAP - Phase 2.	The construction of the Nwamitwa Dam in the Groot Letaba River, a water treatment plant, pipelines and reservoirs to meet the projected growing domestic water requirements to the year 2025, to improve the water availability for the riverine ecosystem and to make provision for new resource poor farmers.	Limpopo	Mopani District Municipality	Tzaneen (Greater) Local Municipality (NP333)	Olifants	Groot Letaba River Catchment		Procurement	1 700		2022	23° 45' 14.68"	30° 29' 28.89"
Mokolo/Crocodile West Water Augmentation Project - Phase 1	The construction of a pump station, pipelines and balancing dams to augment domestic and industrial water supplies to the new Eskom/IPP power station/s, extension of associated mining activities and fast-growing population in the Lephalale Area.	Limpopo	Waterberg District Municipality	Lephalale Local Municipality (NP362)	Limpopo	Crocodile River West Catchment		Construction	2 100		2023	24°36'02.76"	27°15'57.40"

Mokolo/Crocodile West Water Augmentation Project - Phase 2	The construction of bulk water conveyance infrastructure to augment domestic and industrial water supplies to the new Eskom/IPP power station/s, extension of associated mining activities and fast growing population in the Lephalale Area and river management system.	Limpopo	Waterberg District Municipality	Lephalale Local Municipality (NP362)	Limpopo	Crocodile River West Catchment	Feasibility	13 900	2019	24°36'02.76"	27°15'57.40"
Dam Safety Rehabilitation Programme	The rehabilitation of water related assets and dam safety work – continuous projects.					Various	Construction	2 800	Ongoing		

Desalination R - R 4 400

Mhiatuze desalination plant Phase 1		Kwazulu-Natal	King Cetshwayo District Municipality	Mhiatuze Local Municipality					2017	Feb-17	
Mhiatuze desalination plant Phase 2		Kwazulu-Natal	King Cetshwayo District Municipality	Mhiatuze Local Municipality			4.4 (12 Ml/d)		2038		
Tongaai/Ilovo		Kwazulu-Natal	iLembe District Municipality	KwaDukuza Local Municipality			55 (150 Ml/d)	4200	2022		
Mossel Bay Desal Plant		Western Cape	Eden District Municipality	Mossel Bay Local Municipality			5.5 (15 Ml/d)	200	2011		
Sedgefield Desal Plant		Western Cape	Eden District Municipality	George Local Municipality			0.7 (2 Ml/d)		2011		
Knysna Desal Plant		Western Cape	Eden District Municipality	Knysna Local Municipality			0.7 (2 Ml/d)		2012		
Plettenberg Bay Desal Plant		Western Cape	Eden District Municipality	Bitou Local Municipality			0.7 (2 Ml/d)		2012		
Lamberts bay Desal Plant		Western Cape	West Coast District Municipality	Cederberg Local Municipality			4.3 (Ph 1: 1.7 Ml/d)		2016		
Southern Namaqualand GWS (Desal Plant)		Northern Cape	Namakwa District Municipality				1.8 (Final 5 Ml/d)		1983		
Bushman's River Mouth Desal Plant		Western Cape	Eden District Municipality	Knysna Local Municipality			0.292				
Port Alfred		Eastern Cape	Sarah Baartman District Municipality	Ndlambe Local Municipality			0.66				
Desal Plant							0.7 (2 Ml/d)				

Re-use R 569 R

Beaufort West	Western Cape	Western Cape					1.8 (5 Ml/d)				
Garden route dam	Eastern Cape	Eastern Cape					1.8 (5 Ml/d)				
Fishwater Flats Re-use	Eastern Cape	Eastern Cape	Cape Town (City of) Metropolitan Municipality				10				
City of Cape Town	Western Cape	Western Cape	uThungulu District Municipality				10				
Arboretum Effluent	KwaZulu Natal	KwaZulu Natal	iLembe District Municipality				10.95	569	2036		
Siza Water	KwaZulu Natal	KwaZulu Natal	iLembe District Municipality				0.18 (500 kℓ/d)		2015		

End of record