

TIMING OF NEXT WATER RESOURCE SCHEME



PROPOSED WATER RESOURCE SCHEMES

The Reconciliation Strategy identified schemes that could be implemented should additional water be required by 2019 (parallel planning is being conducted on all of these schemes to ensure that any one of them could be implemented by 2019):

- Water Reclamation (CoCT)
- Voëlville Augmentation (DWA)
- TMGA Pilot (CoCT)
- Sea Water Desalination (CoCT)



Parallel planning is currently being conducted on all of these schemes to ensure that any one of them could be implemented by 2019.

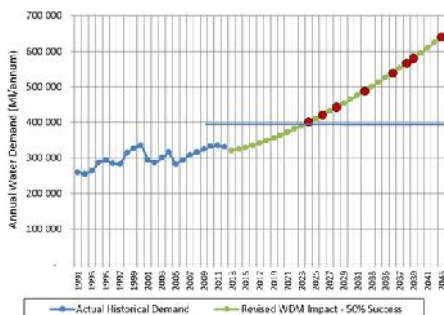
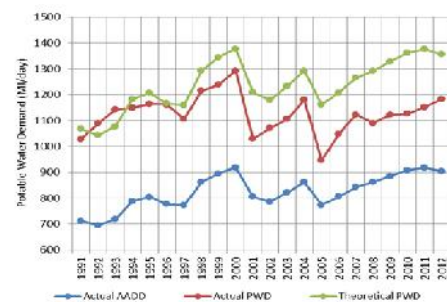
POSSIBLE FUTURE WATER RESOURCE SCHEMES

Scheme	Yield – Mm³/a
Berg River-Voëlville Augmentation Scheme	23
Breede-Berg Water Transfer Scheme	36
Table Mountain Group Aquifer	60
Sea Water Desalination	164
Water Reclamation for Potable Use	60
Cape Flats Aquifer	18
Lourens River Augmentation Scheme	19

POTENTIAL FUTURE WATER RESOURCES

No	Scheme	Incremental Yield – Mm³/a	Year
1	Berg River-Voëlville Augmentation Scheme	20	2024
2	TMG Aquifer I	20	2026
3	Water Reclamation I	40	2028
4	Desalination I	55	2032
5	TMG Aquifer II	20	2036
6	TMG Aquifer III	20	2038
7	Desalination II	55	2039
9	Water Reclamation II	20	2043

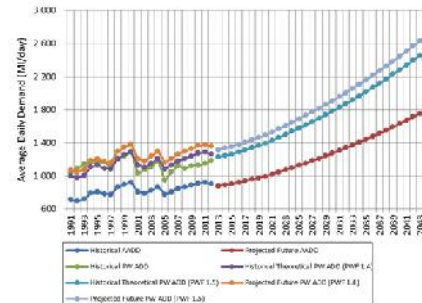
TIMING OF IMPLEMENTATION OF FUTURE WATER RESOURCES

INFRASTRUCTURE PLANNING
HISTORIC PEAK AND DAILY AVERAGE DEMAND

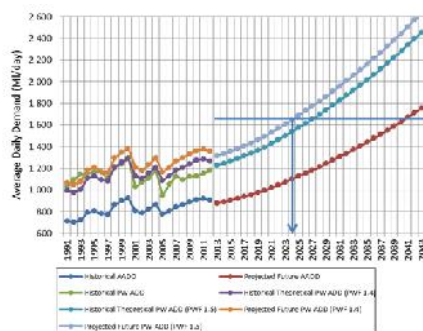
HISTORIC PEAK AND DAILY AVERAGE DEMAND



PROJECTED 30 YEAR AADD AND PWD



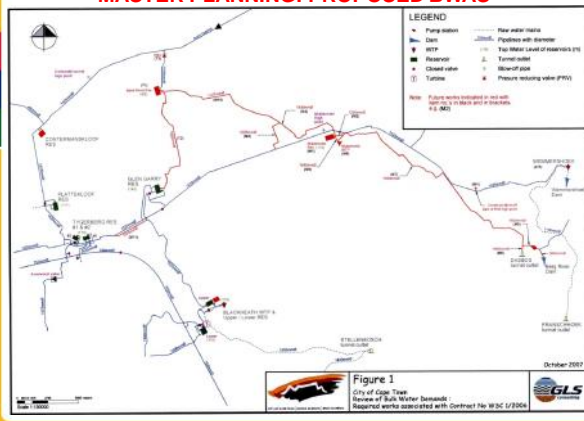
TIMING OF IMPLEMENTATION OF NEXT TREATMENT SCHEME



TREATMENT CAPACITY AUGMENTATION

No	Scheme	Incremental Production Capacity – M/d	Year
1	Muldersvlei WTW	500	2024
2	Water Reclamation I	110	2028*
3	Desalination I	150	2032*
4	Desalination II	150	2039*
5	Water Reclamation II	55	2043*

MASTER PLANNING: PROPOSED BWAS



TIMING OF IMPLEMENTATION OF PRODUCTION AUGMENTATION

