

Table LBW6.4(b): Proposed projects, cost estimates & phasing - Future System

Project no.	Project name	Time frame	Estimated cost * (R-yr 2011 value)	Master plan items
Ashton				
PRJ-LAW-001	Cogmanskloof reservoir storage & bulk supply augmentation	2014	16 177 000	LAW.B1 & LAW.B2
PRJ-LAW-002	Improve supply to Langeberg & Ashton Foods (Pty) Ltd	2013 - 2014	4 307 800	LAW.B3, LAW1.02, LAW1.03, LAW1.04, LAW1.05, LAW1.06, LAW1.07, LAW1.08 & LAW1.09
PRJ-LAW-003	Cogmanskloof network upgrades and rezoning	2015	207 200	LAW1.01, LAW1.10, LAW2.02 & LAW2.03
PRJ-LAW-004	Development related infrastructure: Cogmanskloof zone	2014 - 2023	401 800	LAW1.11, LAW1.12, LAW1.13, LAW1.14, LAW1.15 & LAW1.16
PRJ-LAW-005	Conradie reservoir storage & bulk supply augmentation	2018	2 324 000	LAW.B4 & LAW.B6
PRJ-LAW-006	Conradiedorp network upgrades and rezoning	2015 - 2018	331 800	LAW2.01, LAW3.01, LAW3.02 & LAW2.04
PRJ-LAW-007	Development related infrastructure: Conradiedorp zone	2019 - 2020	1 321 600	LAW3.03, LAW3.04, LAW3.05 & LAW3.06
PRJ-LAW-008	Zolani reservoir storage & bulk supply augmentation	2016 - 2021	5 023 200	LAW.B5 & LAW.B7
PRJ-LAW-009	Zolani network upgrades	2017	291 200	LAW4.02 & LAW4.03
PRJ-LAW-010	Development related infrastructure: Zolani zone	2022	259 000	LAW4.01
Sub-total Ashton			30 645 000	
Bonnievale				
PRJ-LBW-001	Old Reservoirs storage & bulk supply augmentation	2013	9 814 000	LBW.B1, LBW.B5a, LBW.B5b, LBW.B6a, LBW.B6b, LBW.B6c, LBW.B6d, LBW.B6e & LBW.B6f
PRJ-LBW-002	New Reservoir storage & bulk supply augmentation	2014	9 339 400	LBW.B2, LBW.B3 & LBW.B4
PRJ-LBW-003	Old Reservoirs zone network upgrades	2015 - 2018	2 599 800	LBW3.01, LBW3.02, LBW3.03, LBW3.04, LBW3.05 & LBW4.01
PRJ-LBW-004	New Reservoir zone network upgrades	2015	271 600	LBW1.01, LBW1.02, LBW1.03, LBW1.04, LBW1.05, LBW1.06 & LBW1.07
PRJ-LBW-005	Implement new PRV zone	2017	154 000	LBW5.01 & LBW5.02
PRJ-LBW-006	Development related infrastructure: New Reservoir zone	2016 - 2018	1 649 200	LBW2.01, LBW2.02, LBW2.03, LBW2.04 & LBW2.05
Sub-total Bonnievale			23 828 000	
McGregor				
PRJ-LMcW-001	Implement new booster pump zone	2012	1 023 400	LMcW.B1, LMcW2.01, LMcW2.03, LMcW2.02a & LMcW2.02b
PRJ-LMcW-002	McGregor network upgrades	2014 - 2015	1 737 400	LMcW1.01, LMcW1.02, LMcW1.03 & LMcW1.04
PRJ-LMcW-003	Development related infrastructure: McGregor	2015 - 2020	376 600	LMcW1.05, LMcW1.06 & LMcW1.07
Sub-total McGregor			3 138 000	
Montagu				
PRJ-LMW-001	Ashbury Upper storage and bulk supply augmentation	2014	14 760 200	LMW.B10, LMW.B03, LMW.B04a & LMW.B04b
PRJ-LMW-002	Add stand-by pumpsets for increased reliability	2012 - 2018	431 200	LMW.B01 & LMW.B02
PRJ-LMW-003	Ashbury Upper zone network upgrades and rezoning	2014 - 2030	2 238 600	LMW1.01, LMW1.02, LMW1.03, LMW1.09, LMW1.10, LMW1.04, LMW1.05a, LMW1.05b, LMW1.05c, LMW1.06a, LMW1.06b, LMW1.06c, LMW2.03 & LMW2.04
PRJ-LMW-004	Ashbury Lower zone network upgrades and rezoning	2024	1 103 200	LMW2.02, LMW2.01 & LMW2.05
PRJ-LMW-005	Development related infrastructure: Ashbury Upper zone	2015 - 2017	134 400	LMW1.07 & LMW1.08
PRJ-LMW-006	New Badshoogte reservoir and related upgrades	2017 - 2020	5 786 200	LMW3.01, LMW3.02, LMW3.03, LMW.B05, LMW.B06, LMW.B07, LMW.B08a, LMW.B08b, LMW.B08c & LMW.B08d
PRJ-LMW-007	George Brink zone network upgrades	2014	1 779 400	LMW8.01, LMW8.02, LMW8.03, LMW8.04 & LMW8.05
PRJ-LMW-008	Kanonkop zone network upgrades	2014	340 200	LMW4.01, LMW4.02 & LMW4.03
PRJ-LMW-009	Kanonkop booster zone network upgrades	2023	131 600	LMW5.01 & LMW5.02
PRJ-LMW-010	Development related infrastructure: South zone	2028	623 000	LMW7.01, LMW7.02 & LMW7.03
PRJ-LMW-011	West zone network upgrades	2028	606 200	LMW6.01, LMW6.02 & LMW.B09
PRJ-LMW-012	Augment George Brink supply	2019	172 200	LMW.B11a & LMW.B11b
Sub-total Montagu			28 107 000	
Robertson				
PRJ-LRW-001	Improve supply to Reservoir 1 zone	2012	3 739 400	LRW1.01, LRW1.17, LRW.B1a, LRW.B1b, LRW.B1c, LRW1.18 & LRW1.19
PRJ-LRW-002	Reservoir 1 additional storage	2023	9 486 400	LRW.B2 & LRW1.06
PRJ-LRW-003	Reservoir 1 zone network upgrades and rezoning	2013 - 2019	4 877 600	LRW1.10, LRW1.11, LRW2.07, LRW2.08, LRW1.02, LRW1.03, LRW1.04, LRW1.05, LRW1.07, LRW1.09, LRW1.12, LRW1.13, LRW1.14, LRW1.16 & LRW1.08
PRJ-LRW-004	Improve supply to Reservoir 2 zone	2016	499 800	LRW.B4
PRJ-LRW-005	Reservoir 2 zone network upgrades and rezoning	2017 - 2023	351 400	LRW2.03a, LRW2.03b, LRW2.04a, LRW2.04b, LRW2.06, LRW2.11, LRW2.12 & LRW3.01
PRJ-LRW-006	Development related infrastructure: Reservoir 2 zone	2015	957 600	LRW2.01, LRW2.02, LRW2.05 & LRW2.09
PRJ-LRW-007	Reservoir 3 storage & improve supply to zone	2014	6 150 200	LRW.B5 & LRW.B6
PRJ-LRW-008	Reservoir 3 zone network upgrades and rezoning	2017 - 2025	322 000	LRW3.02, LRW3.03, LRW3.04, LRW3.05, LRW3.06, LRW3.08, LRW3.09, LRW3.10, LRW3.11, LRW3.12, LRW3.13, LRW3.07a & LRW3.07b
PRJ-LRW-009	Reservoir 4 storage & Implementation of booster zone	2011 - 2019	5 397 000	LRW.B3, LRW.B7, LRW4.01, LRW4.02, LRW4.03 & LRW.B8
PRJ-LRW-010	Development related infrastructure: Reservoir 4 zone	2015 - 2018	840 000	LRW1.15, LRW5.01, LRW5.02, LRW5.03 & LRW5.04
Sub-total Robertson			32 622 000	
TOTAL - LANGEBOG MUNICIPALITY			118 340 000	

* Costs include P&G's, Contingencies & Fees, but exclude EIA studies, registration of servitudes and/or land acquisition, protection, monitoring and VAT.