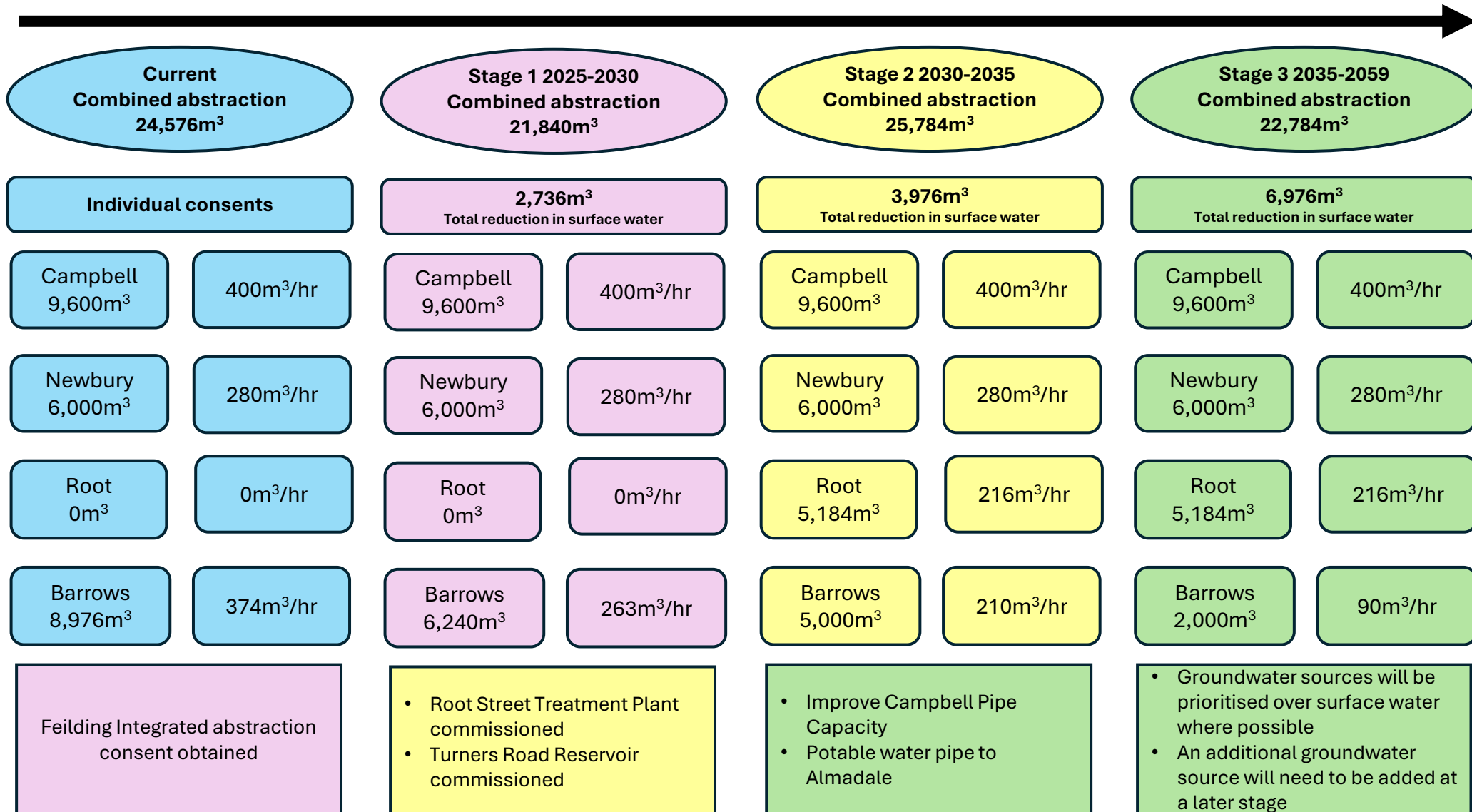


Barrows Road Abstraction Reduction Plan

Combined abstraction restricted to reasonable water needs
23,401m³



Feilding staged surface water reduction plan

30% to 78% in ten years

River Flow	River percentile	Current abstraction rate (m³/hr)	current abstraction (m³/day)	Current abstraction % of flow	Stage 1 abstraction rate (m³/hr)	Stage 1 abstraction (m³/day)	Stage 1 % of flow	Stage 2 abstraction rate (m³/hr)	Stage 2 abstraction (m³/day)	Stage 2 % of flow	Stage 3 abstraction rate (m³/hr)	Stage 3 abstraction (m³/day)	Stage 3 % of flow
	%	Current authorisation			Stage 1 - 5% of flows 2025 – 2030			Stage 2 = 2.5% of flows 2030 - 2035			Stage 3 = 1.5% (above 1,851l/s) expected to occur 89% of the time 2035 -2059		
<1005	100	292	6998	18.4	0	0	0	0	0	0	0	0	0
1005-1300	98	292	6998	8.1	170	4000	4.7	90	2000	2.5	90	2,000	2.5
1301-1500	95	292	6988	6.2	170	4000	3.6	119	2800	2.5	90	2,000	1.9
1501-1850	93	292	6988	5.4	188	4500	3.5	137	3200	2.5	90	2,000	1.7
1851 – 2500	89	375	9,000	5.6	209	5000	3.1	170	4000	2.5	90	2,000	1.4
2501 – 3000	81	375	9,000	4.2	263	6240	2.9	210	5000	2.4	90	2,000	1.0
>3000	76	375	9,000	3.5	263	6240	2.4	210	5000	1.9	90	2,000	0.8

Reduction	375m³/hr	263m³/hr	30% reduction	210m³/hr	44% reduction	90m³/hr	78% reduction
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Progressive Improvements



Current
9,000m³ / day



■ Campbell ■ Newbury ■ Root ■ Surface

Stage 1 – 2025 – 2030
6,240m³ / day



■ Campbell ■ Newbury ■ Root ■ Surface

Stage 2 - 2030-2035
5,000m³ / day



■ Campbell ■ Newbury ■ Root ■ Surface

Stage 3 - 2035 - 2059
2,000m³ / day



■ Campbell ■ Newbury ■ Root ■ Surface