

**Table : Comparison of Water Supply Augmentation Options**

**GREEN:** Best

**YELLOW:** Marginal

**ORANGE:** Worst

Options	Longevity. Based on NSW Urban Water Services Modelling	Impact on TRB. Based on HydroScience Modelling	Future TRB. Based on HydroScience Modelling	Future water usage charge. Based on HydroScience Modelling	Net impact on Developer Charges	Future Developer Charges. Based on HydroScience Modelling	Community Consultation. Based on Community Working Group March 2010	Previous Studies. Based on MWH Reports (included social and environmental assessment)	Environmental Impact Assessment EIS	Risk to Residential development	Risk to industrial and commercial Development	Risk to low income residents	Cost Uncertainty	Time Uncertainty	Council Resolutions
Raise Clarrie Hall Dam	2046	\$0	\$572.00	\$2.70	\$3,179	\$16,307	Score +13 Preferred Option	Preferred Option	Most probable preferred Option	Low	Low Usage charges and Developer Charges lowest	Low. No increase in usage charges	Low. Well known/studied option. Variance in DC 8.6%	Low. Well known/studied option	Permitted
Small Byrrill Creek Dam	2035 Less than 10 years before further augmentation required	\$7.55	\$579.00	\$2.73	\$8,655	\$21,780	Score -10 Byrrill Creek Dam least preferred option	3 <sup>rd</sup> Preferred Option	When compared to CHD probably fail as preferred option	High High Developer Charges would be disincentive to development	Medium. Low usage charges but Developer Charges high	Low. Minor increase in usage charges	High. Many unknowns. Variance in DC 12%	High. Many unknowns	Not Permitted due to Council Resolution 15 May 2012
Stage Byrrill Creek Dam	2044	\$10.00	\$582.00	\$2.73	\$7,885	\$21,013	Score -10 Byrrill Creek Dam least preferred option	Not considered	When compared to CHD fails as preferred option	High High Developer Charges would be disincentive to development	Medium. Low usage charges but Developer Charges high	Low. Minor increase in usage charges	High. Many unknowns Variance in DC 12%	High. Many unknowns	Not Permitted due to Council Resolution 15 May 2012
Large Byrrill Creek Dam	2044	\$10.00	\$582.00	\$2.73	\$8,831	\$21,959	Score -10 Byrrill Creek Dam least preferred option	3 <sup>rd</sup> Preferred Option	When compared to CHD fails as preferred option	High High Developer Charges would be disincentive to development	Medium. Low usage charges but Developer Charges high	Low. Minor increase in usage charges	High. Many unknowns Variance in DC 12%	High. Many unknowns	Not Permitted due to Council Resolution 15 May 2012
Link to SEQ Water	2034 Less than 10 years before further augmentation required	\$370.00	\$942.00 Considered unacceptable	\$5.12 Considered unacceptable	\$5,977	\$19,105	Score -3 Second option, Behind Clarrie Hall Dam, ahead of Byrrill Creek	2 <sup>nd</sup> Preferred Option	When compared to CHD fails due to user charges	High High Developer Charges would be disincentive to development	High. Both usage charges and Developer Charges very high	High. Large increases in user charges	Low. Well understood project. Variance in DC 3% but risk of increased prices by others.	Low. Well understood project.	Permitted
Link to Gold Coast City Council	2034 Less than 10 years before further augmentation required	\$284.00	\$856.00 Considered unacceptable	\$3.91 Considered unacceptable	\$680	\$13,808	Score -3 Second option, Behind Clarrie Hall Dam, ahead of Byrrill Creek	Not considered	When compared to CHD fails due to user charges	Medium? High user charges if know may create a disincentive for purchasers of developed land.	High. User charges very high	High. Large increases in user charges	Low. Well understood project. Variance in DC 4% but risk of increased prices by others.	Low. Well understood project.	Permitted

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