

Project Cost Allocation Summary

Background

Project No	522/314	Activity	Water Supply
Project Name	Worcester PS		
Project Manager	City Water & Waste		
Year first spend on the project	2002	Project Scope	Renewal of Fitzgerald PS with new PS at New Site (Worcester)
Year of first cost allocation	2007		
Year of current cost allocation	2007		
Project cost	\$891,441		

Level of Service Definitions

Measure	m3/hr	Primary Driver	Replacement of asset that has reached the end of its useful life
Existing Capacity	225.0		
Existing Demand	283.0		
Total Capacity	600.0	Secondary Driver	Provision of additional capacity for growth
Design Capacity Year	2018		
End of Life Year	2065		
Backlog Capacity	58	Capacity Discussion	Capacity from Asset Management Plan. The existing demand has been estimated based on capacity of wells replaced plus proportion of additional capacity used up since wells constructed in 2005 and predicted time until design capacity reached.
Growth Capacity	317		
New Work Capacity	375		
% Backlog of New Work	15.5	References	Water Supply Asset Management Plan
% Growth of New Work	84.5		

Localities:

locality	percentage	comment
Avon Loop	100	

Operations and Maintenance

O&M Cost Share	\$0
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Renewal

Stand Alone Renewal Cost	\$468,614	Renewal Scope	Value of Fitzgerald PS @ 2004 Valuation, with wells adjusted for 2006 rates
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New Works

Stand Alone New Works Cost	\$892,622	New Works Scope	All work new
Renewal Cost Share	\$468,614		
New Work Cost Share	\$892,622		

Preliminary Cost Shares

Backlog Cost Share	\$65,397
Growth Cost Share	\$357,430

Growth project

Stand Alone Growth Cost	\$846,622	Growth Project Scope	Estimate of cost to construct PS capable of supplying 375m3/hr. Actual cost minus one average well.
Growth Cap	\$891,441		

Unallocated costs

Unallocated Cost Share	\$0
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Project funding

External Funding	\$0
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Summary of Cost Allocation

	%	Total Cost	Net Cost
O&M		\$0	\$0
Renewal	52.6%	\$468,614	\$468,614
Backlog	7.3%	\$65,397	\$65,397
Growth	40.1%	\$357,430	\$357,430
Unallocated	0%	\$0	\$0
External Funding			\$0
Project Total	100%	\$891,441	\$891,441