

Project Cost Allocation Summary

Background

Project No	522/352	Activity	Wastewater Treatment and Disposal
Project Name	Digesters 5 and 6		
Project Manager	City Water & Waste		
Year first spend on the project	2003	Project Scope	Design and construction of two additional solids processing digesters.
Year of first cost allocation	2007		
Year of current cost allocation	2007		
Project cost	\$19,151,925		

Level of Service Definitions

Measure	sludge m3/day	Primary Driver	Provision of capacity for growth.
Existing Capacity	1360.0		
Existing Demand	1400.0		
Total Capacity	1760.0	Secondary Driver	Providing Grade A Biosolids.
Design Capacity Year	2026		
End of Life Year	2055		
Backlog Capacity	40	Capacity Discussion	Existing capacity is that of Digesters 1 to 4. Design figures used for total capacity.
Growth Capacity	360		
New Work Capacity	400		
% Backlog of New Work	10	References	CH2M Beca Design Report dated 26 July 2005.
% Growth of New Work	90		

Localities:

locality	percentage	comment
Bromley	100	

Operations and Maintenance

O&M Cost Share	\$0
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Renewal

Stand Alone Renewal Cost	\$156,667	Renewal Scope	Existing disused tank will be removed to construct digesters.
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New Works

Stand Alone New Works Cost	\$18,943,000	New Works Scope	All work new
Renewal Cost Share	\$156,667		
New Work Cost Share	\$18,943,000		

Preliminary Cost Shares

Backlog Cost Share	\$1,899,526
Growth Cost Share	\$17,095,732

Growth project

Stand Alone Growth Cost	\$19,013,000	Growth Project Scope	Estimated cost of digester for new growth only, on green field site
Growth Cap	\$19,151,925		

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	0.8%	\$156,667	\$156,667
Backlog	9.9%	\$1,899,526	\$1,899,526
Growth	89.3%	\$17,095,732	\$17,095,732
Unallocated	0%	\$0	\$0
External Funding			\$0
Project Total	100%	\$19,151,925	\$19,151,925