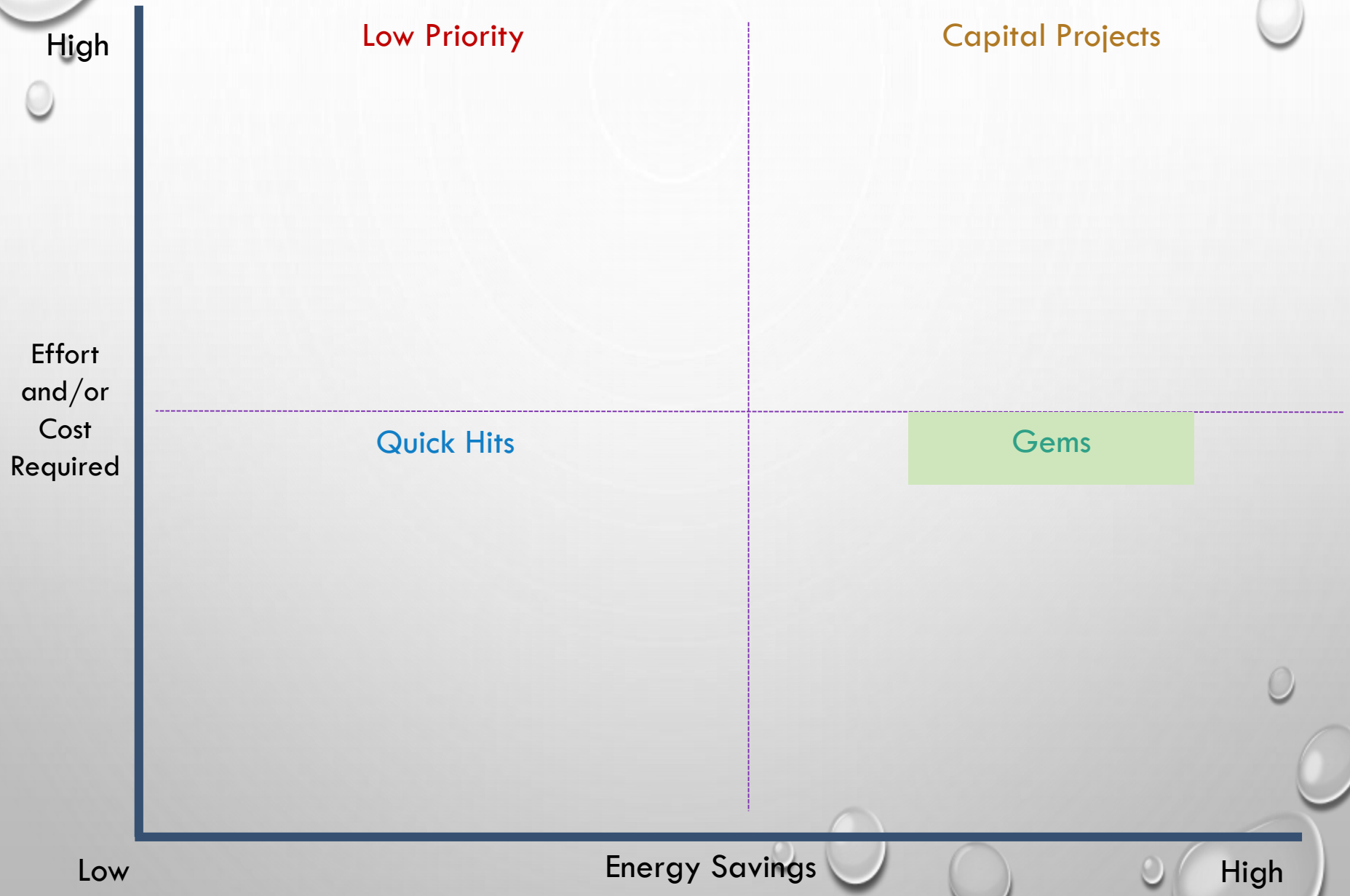
EXERCISE: ENERGY PROJECT PRIORITIZATION



Energy Project Decision Matrix

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Proposed Energy Efficiency Project	Energy Cost Savings (1 to 5)	Cost of Implementation (1 to 5)	Payback Period (1 to 5)	Necessary to Meet Regulatory Requirements (1 to 5)	Necessary to Meet Level of Service Goals (1 to 5)	Availability of Advantageous Funding (1 to 5)	Operational Feasibility (1 to 5)	Part of a Larger Project (1 to 5)	Total Score

Your small water system could reduce electrical energy use by implementing numerous strategies, including:

Process Targeted / Goal	Improvement and Estimated Savings	Implementation Cost ($)	Estimated Annual Energy Savings (kWh)	Estimated Annual Cost Savings ($)	Simple Pay-Back (Years)
Lighting (A)	Reduce number of lighting hours by 40%	No cost. Turn lights off.	7,488	$4,118	0
Lighting (B)	Replace T12 fluorescent light bulbs and fixtures with T8 equivalents	$12,470	22,976	$10,800	1.15
High Service Pumps	Replace high service pumps with premium efficiency ones at two pumping locations	$52,400	34,640	$19,052	2.75
HVAC and Window Films	Replace air conditioning with high efficiency system and install window films to reduce solar heat gain	$218,382	138,104	$64,909	3.36