



Funding Agency	USTDA 
Title	Feasibility Study for the Rawabi Tertiary Treatment Facility and Wastewater Reuse
Objectives	<p>The main objectives of the Regional Wastewater Treatment Plant Feasibility Study are to:</p> <ul style="list-style-type: none"> • Assess the regional wastewater treatment needs for Rawabi and the surrounding villages within the Bani Zeid and Ein Synia community clusters named in the USTDA Desk Study • Assess the market demand for reclaimed water in the study area • Evaluate available wastewater treatment technologies suitable for achieving reclamation/reuse needs • Complete developmental impact and preliminary environmental impact assessments so that benefits and negative impacts (requiring mitigation) may be properly considered in the economic/financial analyses • Prepare a schematic design and feasibility study that can be used to demonstrate technical soundness and financial sustainability of the proposed implementation plan
Project Partners	AECOM 

Project Outputs

- Task 1. Detailed Background Review
- Task 2. Project Management Plan
- Task 3. Reclaimed Water Potential and Demand Assessment
- Task 4. Review of Reclaimed Water Quality and Regulatory Requirements
- Task 5. Establish Projected Reclaimed Water Flows
- Task 6. WWTP Siting and Wastewater Conveyance Planning
- Task 7. Wastewater Treatment Technologies Evaluation
- Task 8. Feasibility Analysis of the Wastewater Treatment Plant
- Task 9. Developmental Impact Assessment
- Task 10. Analysis of U.S. Manufacturers of Wastewater Treatment and Reclamation Technology
- Task 11. Project Implementation Plan
- Task 12. Workshop
- Task 13. Final Report