

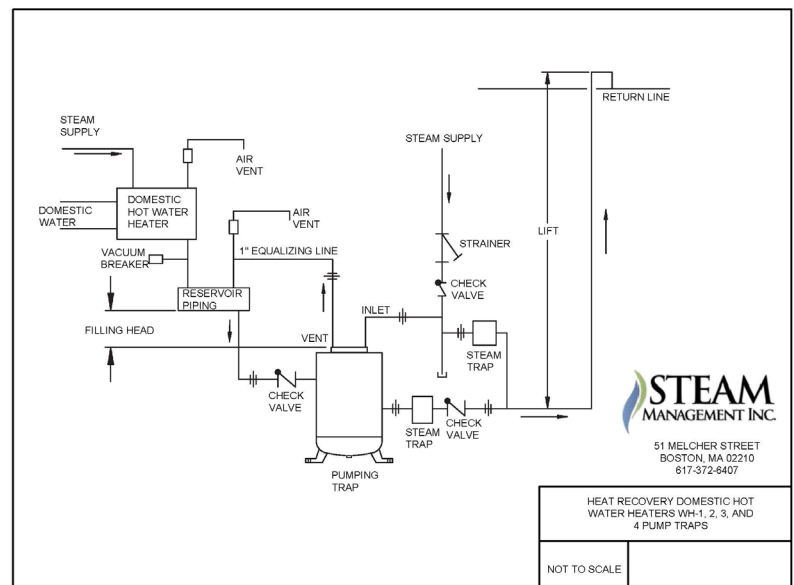
Water Conservation: The Water and Energy Nexus

Steam Management, Inc. builds custom design solutions that conserve water and energy, reducing costs by as much as 50%, while at the same time helping you avoid regulatory fees and penalties. Our engineered solutions often have associated custom utility rebates that Steam Management will administer on your behalf.

In addition to innovative solutions, we provide all phases of domestic water conservation scopes, including programmable water technologies for prison environments, the latest in hands-free commercial grade high-efficiency plumbing fixtures, large-scale HET/HEU plumbing fixture replacement scopes and associated FEMP M&V protocols.

Services & Solutions

- Domestic Water
- Prison Water Control
- Boiler Make-Up Water Treatment
- Boiler Blow-Down Automation & Heat Recovery
- Flash Economizers
- Condensate Recovery & Reuse
- Condensate Heat Recovery
- Cooling Tower Treatment
- Anaerobic Digester
- Kitchen Equipment Upgrades
- Laundry Ozone
- Smart Irrigation



Process

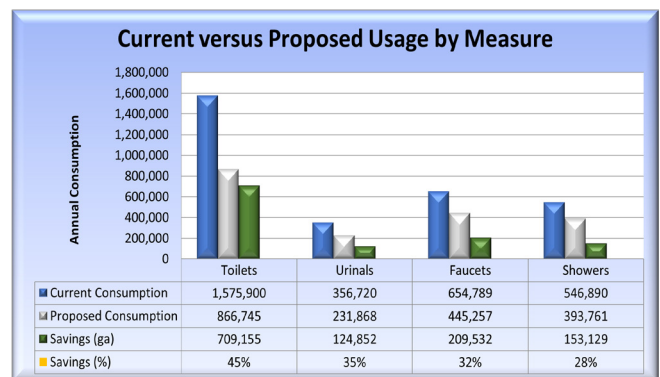
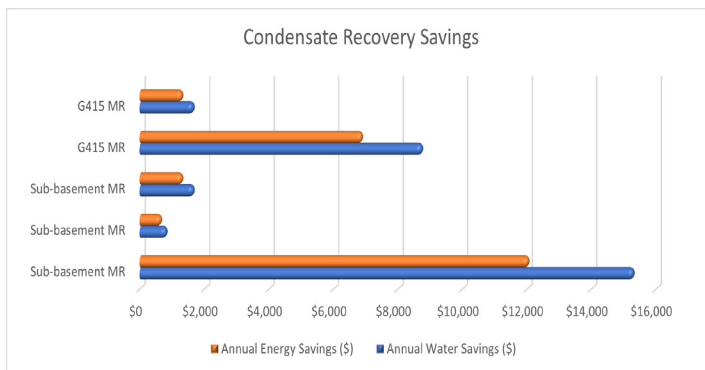
- 1 Desktop Analysis based on information provided by you
- 2 Preliminary Survey Level I or RFP with proposal, Savings Calculations and 35% design
- 3 Collaboration on 95% design criteria
- 4 Final Survey Level II-III or IGA with proposal, 95% design P&ID, equipment line by line, equipment schedule & cut sheets
- 5 Construction grade drawings w/ PE stamp, permits, rebate application, construction work plan and project schedule, JHA, safety plan, pre-M&V
- 6 Turn-key installation, post M&V, punch list
- 7 System commissioning & training
- 8 Warranty

Typical Savings:

Savings and ROI for water conservation projects vary to a large degree based on the project scope, facility water and utility rates, and available water and energy utility rebates.

Domestic water scopes and prison water control scopes provide consistent 30% - 50% savings with accelerated ROIs for projects where water & sewer rates exceed \$10 per K-Gal and have available rebates.

Boiler plant efficiency, wastewater and condensate recovery scopes combine water and energy savings to produce 2 to 4-year ROI with substantial upside. There is also the added benefit of risk-avoidance of code violations, excess usage fees and fines while leveraging custom utility rebates.



Contact Us for a Risk-Free Desktop Analysis & Opportunity Assessment

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