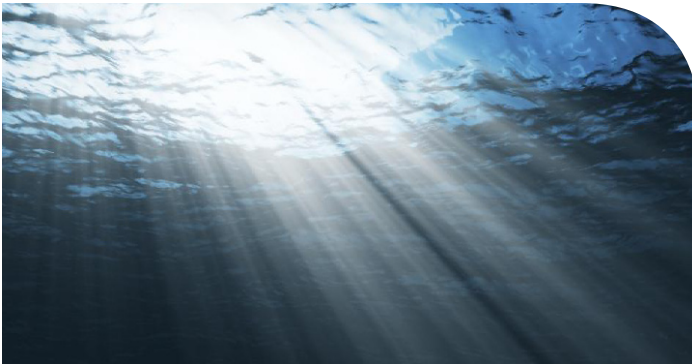


The Q² Water Challenge: Quantity and Quality

Water efficiency is the 21st century imperative for enterprise prosperity and sustainability. T. Boone Pickens has called water “the new oil”.



The Sustainametrics Edge

Our mission is to help our clients thrive in a rapidly changing world that demands a broad systems perspective, specific client insight, innovation, flexibility, and action.

Sustainametrics professionals help you anticipate changes in local and global regulations, customer expectations, supply chain issues, and the cost of doing business in a resource constrained world.

Our experts design collaborative implementation plans that utilize proven solutions and best practices for maximum competitive advantage.

We advise on metrics that make sense for your business to monitor and drive effective behavior change and enhanced performance.

We facilitate buy in from internal and external stakeholders to ensure the ongoing execution of plans.

Challenges and Opportunities

Fresh water is mankind’s most important resource. Finite, and exhaustible, it is a basic requirement for life itself, and necessary for every aspect of economic activity. Our fresh water supply faces unprecedented threats from increased demand, decreased quality, and the impacts of climate change. Managing this crucial resource presents one of today’s greatest challenges.

Whether it stems from supply considerations, community concerns, regulatory or legal liabilities, preparing for regulation (like AB49 in California), or from a desire to reduce operating expenses, our clients face water challenges.

Solutions and Approach

Sustainametrics integrated solutions include:

Water Audits & Foot Printing

Measure current baseline water use. Identify sourcing, and influent and discharge quality issues. Develop a Conceptual Water Model to place usage in geographic context and identify risks to supply, regulatory implications, and license to operate. Identify opportunities for efficiency, savings and long term improvements.

Water Conservation Initiatives

Identify conservation opportunities to reduce your company’s water footprint, enhance discharge quality, insulate from resource volatility, and increase reputation.

Strategic Planning

Integrate water efficiency and quality initiatives into your corporate strategy and sustainability goals. Establish baseline metrics, reduction targets, reporting, and incentives. Calculate pay-back and ROI.

Implementation

Prioritize actions and execute water efficiency and quality plans, including: water use audit and Conceptual Water Model development, potable system analysis and management system recommendations, landscaping and irrigation system redesign, rainwater harvesting, graywater reuse, and stormwater and wastewater treatment system evaluation and compliance programs.

Approach

We are in business to improve decision-making around Sustainability. We create clarity and reveal profitable synergies through objective assessments. We create tailored business case solutions and implementation plans. Experts in facilitation guide your team through information gathering, planning and prioritization, leveraging your expertise and building shared commitment. Partners ensure the highest levels of relevant experience on each project.



For water management solutions, a water usage audit provides information on how a facility uses water, how water could be conserved, and on the quality implications related to on-site usage and discharge. Sustainametrics water audits identify, quantify, describe and prioritize

conservation and cost saving measures relating to water use in the facility. We prioritize the opportunities for water conservation and quality enhancement based on payback potential and risk reduction.

We can also provide stakeholder identification, water issue awareness education, regulatory compliance, and long-term planning support with our water audits. The sustainability of freshwater depends on responsible use, efficiency and conservation. Business as usual is no longer an option and major changes in public policy reflect this. As water quantity and quality challenges including supply, regulations, legislation, and community interest become more prevalent, your company will have the necessary tools to stay ahead of the game.

Your Benefits

- Immediate Reduced Operating Expenses
- Prioritized conservation projects with defined payback periods and ROI
- Lowered exposure to increasing supply concerns
- Reduced third party legal liability
- Ability to measure, manage and report on water usage and footprint
- Preparing for and staying ahead of government regulations and legislation
- Ability to tunnel through perceived cost barriers to greater levels of efficiency/savings
- Newly developed internal capacity to execute on Sustainability plans

Our Deliverables

- Water Efficiency Audit/Water Footprint Analysis
- Conceptual Water Model
- Water Efficiency Recommendations/Plan, with timelines, costs and payback estimates
- Landscaping, xeriscaping or native vegetation planning
- Irrigation system analysis and design
- Enhanced decision making for facility management and siting
- Stakeholder identification and engagement
- Renewable Energy Analysis, Design, and Implementation
- Training, to build your internal awareness

Sustainametrics provides consulting expertise, web based tools and knowledge bases to businesses and government agencies to help them achieve high sustainability performance. Services include research/planning and assessments, energy/climate program planning, foot-printing, water/carbon/waste reduction, environmental risk mitigation, eco-market opportunity analysis and strategies for revenue growth, green product brand enhancement, organizational change management/training on best practices in sustainability.

Contact: (800) 483-8673

Doug Carter, CEM, LEED AP, CRM
doug.carter@sustainametrics.com

Mike Harrison, P.E.
mike.harrison@sustainametrics.com

822 D Street, San Rafael, CA 94901
www.sustainametrics.com