

Preserving Our Water Resources



What is Acquacentrics

- 1. It is a SERVICE to provide financial data along with solutions with a return on investment
- 2. We use a proprietary tool to analysis utility systems referred to as Acquacentrics
- 3. We provide solutions focused on improving the system using financial metrics
- 4. The utility maintains full control of what solutions are implemented

What does Acquacentrics provide

- 1. Water and wastewater experts that physically survey the entire utility system from source to wastewater plant and everything in between
- 2. Collects data from the client
- 3. Uses experience and Acquacentrics tools to develop financially sound improvement measures
- 4. Provide reports and presentations to all utility and city representatives

What are the outcomes

- 1. Protecting our water resources, through financial analytics
- 2. Bench marking utilities to move current status of average nationwide score of D to status of A through a phased approach
- 3. Improving utilities financial position
- 4. Creating resilient systems to prevent downtime
- 5. Improving delivered water quality

How are improvements implemented

- 1. Acquacentrics does not directly install improvements
- 2. The utility can implement directly
- 3. Acquacentrics can recommend solution providers
- 4. Acquacentrics can issue RFPs
- 5. Acquacentrics measures can be done with a Performance Contract or any contract delivery method

Acquacentrics Example

Acquacentrics System Wide Monitoring and Improvement Program						
Current		Goal		Revenue Increase/Savings		
Utility Meter Count	4,025	Utility Meter Count	4,025			
Entering Quality N	Not Monitored	Entering Quality	Monitored	Reporting		
Input (kgal)	1,236,176	Input (kgal)	972,273	\$118,756		
Line Loss to Plant (kgal)	5.00%	Line Loss to Plant (kgal)	1.00%			
Treated Water (kgal)	1,174,367	Treated Water (kgal)	865,323	\$191,607		
Chemical Treatment	1,174,367	Chemical Treatment	865,323	\$95,804		
Line Loss/ Flushing (%)	15.42%	Line Loss/ Flushing (%)	8.00%			
Line Loss/ Flushing (kgal)	181,048	Line Loss/ Flushing (kgal)	69,226			
Meter Inaccuracy (%)	9.58%	Meter Inaccuracy (%)	1.50%			
Metered Water Sold (kgal)	898,126	Metered Water Sold (kgal)	784,156	\$465,111		
1&1	20.00%	1&1	5.00%			
WWTP (MGD)	993	WWTP (MGD)	670	\$83,959		
Solids Disposal	993	Solids Disposal	670	\$13,563		
Chemical Treatment	993	Chemical Treatment	670	\$38,751		
Fats Oil and Grease	0.20%	Fats Oil and Grease	0.10%	\$68,515		
Leaks to Discharge (kgal)	1.00%	Leaks to Discharge (kgal)	0.00%	\$0		
Quality Leaving System (Fine: N	Not Monitored	Quality Leaving System (Fines	Monitored	Reporting		
				\$1,076,066 Annual Savings		

What are the next steps

- 1. Acquacentrics can provide a Health and Wealth Report showing the utility how Acquacentrics works
- 2. The client may hire Acquacentrics through 791 Coop as a pre competed contract
- 3. Hire Acquacentrics through RFQ qualifications statement



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