GRANGER-HUNTER
IMPROVEMENT DISTRICT

Water Resource Sustainability

Dustin Martindale, Director of Water Systems
Ricky Necaise, Director Fleet, Safety, Wastewater

EUM Definition

Water Resource Sustainability

Ensures the availability and sustainable management of water for our community. Understands our role in the complete water cycle, understands fit for purpose water reuse options, and integrates utility objectives and activities with other watershed managers and partners. Understands and plans for the potential for water resource variability (e.g., changing weather patterns, including extreme events, such as drought and flooding), and utilizes as appropriate a full range of watershed investment and engagement strategies (e.g., Integrated Planning). Engages in long-term integrated water resource management, and ensures that current and future customer, community, and ecological water-related needs are met.

Attribute	Attribute Components	Step 1: Rate Achievement (1-5)	Step 2: Rank Importance (1-10)
Water Resource Sustainability (WS)	• Ensures water availability through long-term resource supply and demand analysis, conservation, fit for purpose water reuse, integrated water resource management, watershed management and protection, and public education initiatives. • Manages operations to provide for long-term aquifer and surface water sustainability and replenishment. • Understands and plans for future water resource variability (e.g., changing weather patterns, including extreme events, such as drought and flooding).		

GRANGER-HUNTER
IMPROVEMENT DISTRICT

EUM Ranking

Attribute		Rating					Ranking							
		Board	Managem	Directors	Groups	Managers	Board	Managem	Directors	Groups	Managers	Combined Rating	Ave Ranking	Combined Ranking
Product Qualilty	PQ	2	2	2	2	2	1	1	1	1	1	2	1	1
Customer Satisfaction	CS	2	3	2	2	2	5	5	3	7	5	3	5	5
Employee and Leadership Dev.	ED	3	3	3	3	3	4	7	6	5	7	3	5.8	6
Operational Optimization	OO	2	3	2	3	2	7	9	7	8	6	3	7.4	8
Financial Viabililty	FV	2	3	3	3	3	2	2	2	2	3	3	2.2	2
Infrastructure Strategy & Perform	IS	1	3	2	3	3	6	4	5	4	4	3	4.6	4
Enterprise Resiliency	ER	2	4	3	3	3	8	6	8	6	8	3	7.2	7
Community Sustainabililty	SU	3	4	4	3	3	10	10	9	10	9	4	9.6	10
Water Resource Sustainability	WS	2	3	2	3	3	3	3	4	3	2	3	3	3
Stakeholder Understanding &	SS	3	3	3	3	3	9	8	10	9	10	3	9.2	9

GRANGER-HUNTER
IMPROVEMENT DISTRICT

Water Reliability

Sub-topic	Where we are:
Demand Forecasting:	Population change estimates and water demand forecasting.
Pollutant Restriction Ordinances:	Pretreatment source control. CVWRF does ordinance enforcement and permitting for wastewater.
Level of Service Targets:	
Service Area:	
Source Water Protection Program:	Source water protection plan and implementation. Pretreatment sampling and education (Source Control).

Supply and Demand Management

Sub-topic	Where we are:
Water Loss Tracking:	Water loss task force, leak detection program, meter maintenance and replacement plan.
Peak hour Demand Management:	
Water Conservation Plan:	

Optimizing Water Reliability

Sub-topic	Where we are:
Single Scenario supply & demand forecasting:	
Demand Management Plan:	
Drought Management Plan (trigger actions):	Jordan Valley Water Conservancy plan, Granger-Hunter Improvement District Plan.
Ecological Uses Forecast:	
Water re-use Plan:	

GRANGER-HUNTER
IMPROVEMENT DISTRICT

Optimizing Supply & Demand

Sub-topic	Where we are:
Low-flow toilets and faucets incentives:	low flow toilets and broom program.
Integrated water conservation and re-use master plan:	
Incentives for low water landscaping:	Flip your strip program, sprinkler timer program.
Water conservation and re-use tactics:	
Plan Implemented, specific targets, water recycling/re-use:	
Water re-use for landscaping at utility facilities and other municipal properties:	

GRANGER-HUNTER
IMPROVEMENT DISTRICT

Transforming Water Reliability

Sub-topic	Where we are:
Long-term water supply and demand analysis:	
Watershed-based plan to address all water resource demands:	
Watershed council that integrates users for optimized water allocation:	
Leadership and advocacy for a sustainability master plan:	

GRANGER-HUNTER
IMPROVEMENT DISTRICT

Transforming Supply & Demand

Sub-topic	Where we are:
Local or regional utility and regulator partnership:	
Utility account-level information aggregation to develop prioritized water conservation:	
Emerging treatment technology utilization for wastewater treatment & low-energy water reclamation:	Pretreatment chemicals for H2S and grease at multiple lift stations. Including new aeration at Warner Pump Station.
Watershed-based permitting strategy to enable water quality trading:	
Nontraditional partnerships with rivers, oceans, or agricultural organizations to identify re-use opportunities:	

GRANGER-HUNTER
IMPROVEMENT DISTRICT

QUESTIONS?

GRANGER-HUNTER
IMPROVEMENT DISTRICT

name@email.com

801-968-3551

www.GHID.org