

#### Strategic Planning Workshop Agenda

Granger-Hunter Improvement District – Board Room Tuesday, June 25, 2024: 8:00 a.m.

Our	Community	Our Team	Our Operation	ons
8:00	2025 Strategic Planning Kic (Review of 2020 Plan; EUM Intro		, Workshop Goals)	Jason
8:30	Financial Viability (Accounting, Auditing, & Financial Procurement & Inventory)	al Reporting; Budget & Fisca	l Policy; Debt Manager	Austin/Todd ment;
9:30	Water Resource Sustainabi (Water Reliability, Supply & Dem	,		Dustin/Ricky
10:30	Break			
10:45	Infrastructure Strategy and (Infrastructure O&M, Asset Mana			Victor/Justin
11:45	Customer Satisfaction (Community Engagement and Pa Customer and Stakeholder Feed		, Education, and Promo	Michelle/Troy
12:00	Working Lunch			
1:15	Employee & Leadership De (Workplace Culture; Recruitment	•		Dakota/Jason unities)
2:15	Wrap-up (Recap Workshop takeaways, clo	osing thoughts)	Ja	son/Trustees
3:00	Granger-Hunter Improveme	ent District Board Meetir	ıg	



# 2025 Strategic Planning Kickoff



#### **Vision and Mission Statements**

GHID's ongoing vision and mission statements are accompanied by a list of seven values. As the local provider of water, an essential service, the District realizes its importance in shaping the overall health and welfare of the community. Every employee is responsible and accountable for upholding the values of the organization.

- Vision: Improving quality of life today creating a better tomorrow.
- Mission: Stewards of water that is delivered clean and safe for daily use and collected responsibly to protect public health and our environment.

#### **Established Values**

These values make the District what it is, and without them, success will be difficult to achieve or define. The values instill confidence, earn respect, and create loyalty throughout the organization and community. They are the values that will anchor our resolve in the most difficult situations. Since our organization is very diverse, and there is a myriad of functions to make it work efficiently and effectively, these values are the unifying elements for everyone and provide a common ground by which we can measure all of our actions.

- Values:
- Safety
- Integrity
- Community Stewardship
- Fiscal Responsibility
- Quality
- Leadership
- Sustainability





# **Strategic Initiatives**

- 1. Water Quality Protocols
- 2. District Community Ambassadors Program
- 3. District Historical Placemaking Efforts
- 4. Total Compensation Package Framework
- 5. Improvement District Coalition and Mutual Aid



# **Strategic Initiatives**

- 6. Employee Advisory Board
- 7. Water Loss Task Force
- 8. Water Storage and Tank Farm Integration
- 9. Safety & Emergency Planning Updates
- 10. Ten-Year Capital Improvement & Financial Plan



# The Ten Attributes of an Effectively Managed Utility

Effective Utility Management: A Primer for Water and Wastewater Utilities is the fundamental resource that Granger-Hunter Improvement District is using to innovate and improve performance across the organization. Effective Utility Management (EUM) is a framework written by experienced utility professionals across the nation that helps water utilities respond to the various challenges that they face. This document identifies the 10 attribute-related utility measures that we will reference and integrate into our strategic operations. These 10 attributes help management maintain a balanced approach to all aspects of utility operations, while at the same time bringing focus to areas that are ready for improvement.

The measure of performance in each category

is critical to effectively managing a water and wastewater utility. Directors and Managers will use this framework in developing goals and metrics for their specific areas of responsibility. This plan will help direct and achieve balance and cohesion across the ten attributes. The Board of Trustees has identified those attributes with corresponding levels of focus and anticipated gains that include short-term, medium-term, and long-term timeframes. The Board has also ranked attributes in order of relative importance to assist District Management in the allocation of resources.





## **EUM Self-Assessment**

STEP 1

Candidly Assess Current Conditions

STEP 2

Rank Importance of Each Attribute to Your Entity

STEP 3

Graph Attributes to
Determine Importance and
Level of Achievement

STEP 4

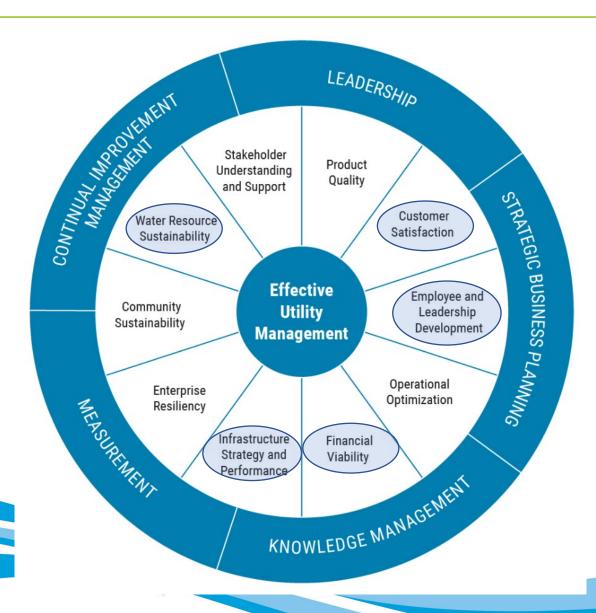
**Choose Attributes** 

Group: All Groups Combined

	ment	5										
	Lower Achievement	4										SU
Rating		3		FV	WS	IS	CS	ED	ER	00	SS	
	Higher Achievement	2	PQ									
	Higher	1										
			1	2	3	4	5	6	7	8	9	10
	More Important Less Important							ent				
	Ranking Ranking											



# **EUM Self-Assessment**





# **Workshop Goals**

#### STEP 1

Candidly Assess Current Conditions

#### STEP 2

Rank Importance of Each Attribute to Your Entity

#### STEP 3

Graph Attributes to Determine Importance and Level of Achievement

#### STEP 4

**Choose Attributes** 





# FINANCIAL VIABILITY

Austin Ballard, Controller
Todd Marti, Assistant General Manager, District Engineer



### **EUM Definition**

#### Financial Viability

Understands and plans for the full life-cycle cost of utility operations and value of water resources. Establishes and maintains an effective balance between long-term debt, asset values, operations and maintenance expenditures, and operating Establishes predictable rates revenues. consistent with community expectations and acceptability—adequate to recover costs, provide for reserves, maintain support from bond rating agencies, plan and invest for future needs, and taking into account affordability and the needs of disadvantaged households. Implements sound strategies for collecting customer payments. Understands the opportunities available to diversify revenues and raise capital through adoption of new business models, including revenues from resource recovery.

Attribute	Attribute Components	Step 1: Rate Achievement (1- 5)	Step 2: Rank Importance (1- 10)
Financial Viability (FV)	<ul> <li>Understands and plans for full life-cycle cost of utility.</li> <li>Effectively balances long-term debt, asset values, operations and maintenance expenditures, and operating revenues.</li> <li>Sets predictable and adequate rates to support utility current needs and plans to invest in future needs, taking into account affordability and the needs of disadvantaged households when setting rates.</li> <li>Understands opportunities for diversifying revenue and raising capital.</li> </ul>		



# **EUM Ranking**

Attrib	bute			Rating					Ranking					Combined
		Board	Manageme	Directors	Groups	Managers	Board	Manageme	Directors	Groups	Managers	Combined Rating	Ave Ranking	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	00	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



# **Overall Financial Viability Outlook**

Sub-topic	Adequate ======> Optimized ======> Transformational
Accounting, Auditing, & Financial Reporting	
Budget and Fiscal Policy	
Debt Management	
Procurement and Inventory	



### **Accounting, Auditing & Financial Reporting**

#### Adequate:

- Strong accounting policies and procedures
- Strong internal control procedures and reviewed annually with auditors
- Established policies for capital assets and thresholds

#### Optimized:

- Established audit committee in 2023
- Unrestricted fund balance level of 3-6 months of annual operating expenditures
- Mechanism established for employees and public to report fraud, waste, and abuse anonymously
- Strong financial reporting in monthly board reports

#### Transformational:

- Submit financial data to Utah Transparency Website
- Financial and budget documents available on GHID's website









### **Budget and Fiscal Policy**





#### Adequate:

- Budgets and rate increases are reviewed annually by Board
- Procedures in place to handle unbudgeted or over budget expenditures

#### Optimized:

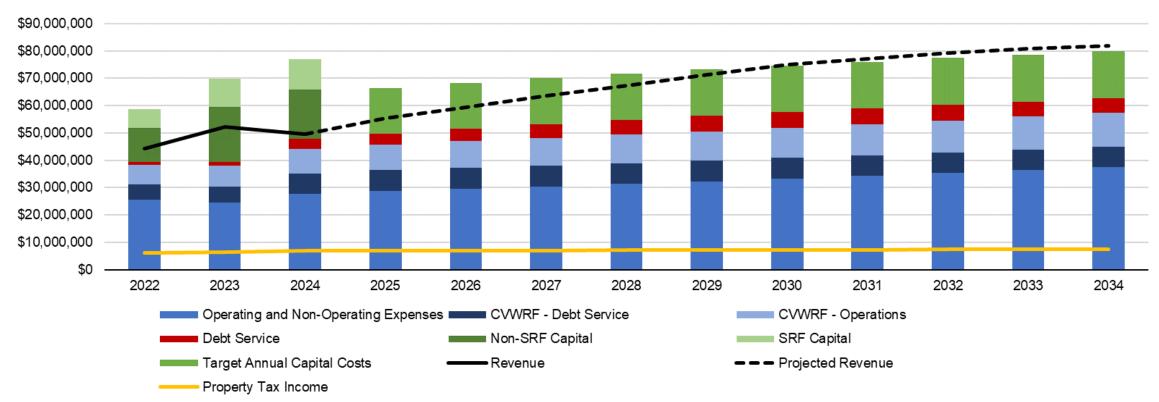
- Cost of service updated annually for water and wastewater services
- 10-year financial plan updated annually

#### <u>Transformational:</u>

- Implemented water conservation rate structures
- Process for designing and sustaining post-employment benefits
- Current budget process includes personnel tracking for accurate payroll budgeting and anticipated position vacancies



### **Budget and Fiscal Policy**



<sup>\*</sup>Average rate increase over the next four years is 7%

<sup>\*</sup>Consultant recommended capital spend is about \$16M/year

<sup>\*</sup>Additional bonding of \$19M necessary to fund recommendations



### **Debt Management**

#### Adequate:

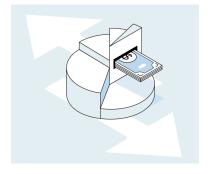
- Capital reserve and R&R fund established
- Administrative handbook addresses fiduciary and investing policies

#### Optimized:

- 10-year financial plan addresses how District will fund capital and annual operating expenditures
- Historically the District has established a debt-to-equity target of 0.5
- Board has historically chosen a strategy to have smooth rate increases
- GHID has hired Zions Public Finance to monitor, evaluate and suggest bond refunding opportunities

#### Transformational:

 We work with Zions Public Finance to provide any necessary and timely documentation to investors consistent with federal, state and local laws







Vector**Stock** 



### **Procurement and Inventory**





#### Adequate:

- Adopted the UASD purchasing policy with specific dollar amount carve outs in the District's internal policies and procedures
- Departments actively manage inventory levels and make appropriate purchase recommendations

#### Optimized:

- Internal policy addresses how the District disposes of surplus property
- Maintain detailed records in City Works and Pro 10 on installation and replacement of District assets

#### Transformational:

- District complies with GASB 34\*
- Cityworks manages the District's assets

<sup>\*</sup>GASB 34 requires government entities to report the value of their capital assets on their financial statements



# **QUESTIONS?**



# Water Resource Sustainability

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

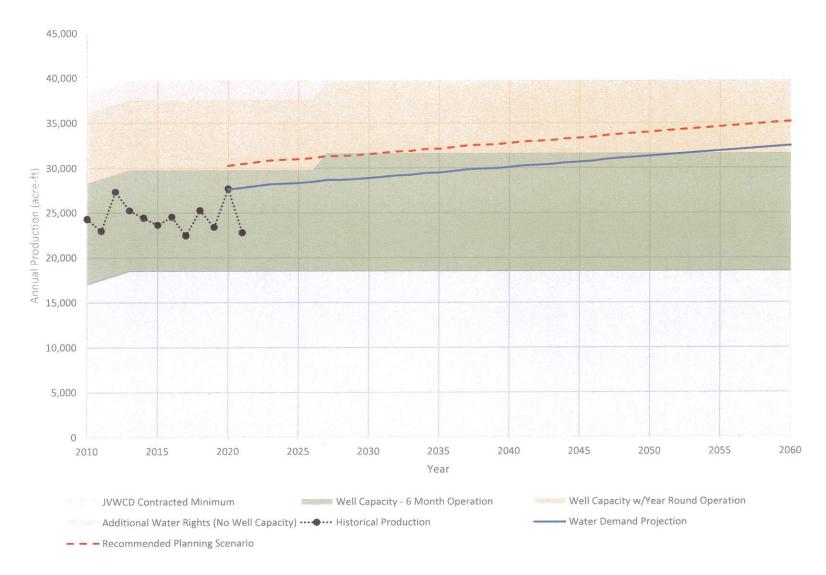


Figure 3-1 Annual Water Supply Requirements

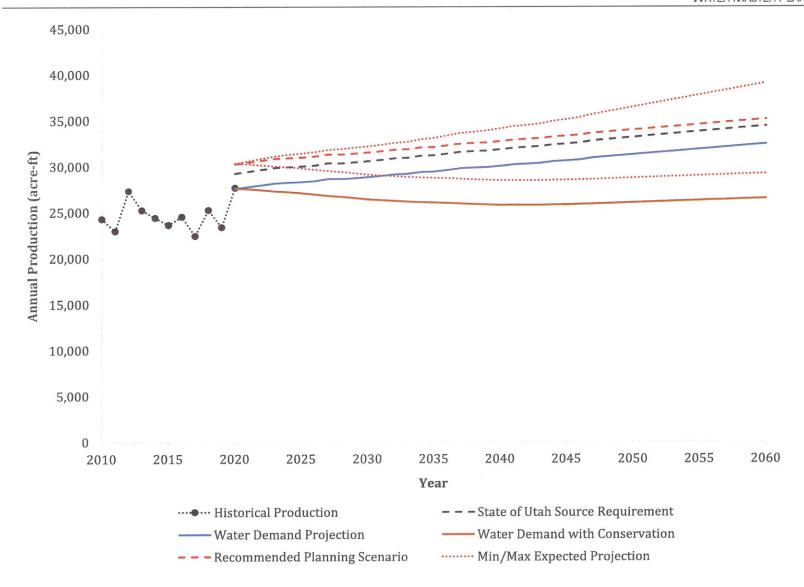


Figure 2-8 Annual Water Production Demand Projections



### **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)	<ul> <li>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.</li> <li>Manages operations to provide for long-term aquifer and surface water sustainability and replenishment.</li> <li>Understands and plans for future water resource variability (e.g., changing weather patterns, including extreme events, such as drought and flooding).</li> </ul>		



# **EUM Ranking**

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Stakeholder Understanding &	SS	3	3	3	3	3	9	8	10	9	10	3	9.2	9



# **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:	



# **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:	



# **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:	



# **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:	



# **QUESTIONS?**









name@email.com 801-968-3551

www.GHID.org



# INFRASTRUCTURE STRATEGY & PERFORMANCE

Victor Narteh, Director of Engineering

Justin Gallegos, Director of Information Technology



### **EUM Definition**

#### Infrastructure Strategy and Performance

Understands the condition of and costs associated critical infrastructure assets. Plans investments consistent with infrastructure community needs, anticipated growth, system reliability goals, and relevant community priorities, building in a robust set of adaptation strategies (e.g., for changing weather patterns, customer base). Maintains and enhances the condition of all assets over the long-term at the lowest possible life-cycle cost and acceptable risk consistent with customer, community, and regulator-supported service levels. Assures asset repair, rehabilitation, and replacement efforts are coordinated within the community to minimize disruptions and other negative consequences.

Attribute	Attribute Components	Step 1: Rate Achievement (1- 5)	Step 2: Rank Importance (1- 10)
Infrastructure Strategy and Performance (IS)	<ul> <li>Understands the condition of and costs associated with critical infrastructure assets.</li> <li>Maintains and enhances assets over the long-term at the lowest possible life-cycle cost and acceptable risk.</li> <li>Coordinates repair efforts within the community to minimize disruptions.</li> <li>Plans infrastructure investments consistent with community needs, anticipated growth, system reliability goals, and with a robust set of adaptation strategies.</li> </ul>		



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Stakeholder Understanding &	SS	3	3	3	3	3	9	8	10	9	10	3	9.2	9

Rating	Description
1.	Effective, systematic approach and implementation; consistently achieve goals.
2.	Workable systems in place; mostly achieve goals.
3.	Partial systems in place with moderate achievement, but could improve.
4.	Occasionally address this when specific need arises.
5.	No system for addressing this.



### Infrastructure Strategy & Performance

#### Infrastructure Strategy and Performance

#### Adequate Infrastructure O&M

- Work orders linked to asset inventory.
- · Ongoing training and certification/licensing requirements for maintenance staff.
- Record retention of asset maintenance performed (e.g., work order system in place to keep maintenance records).
- Estimated useful life and depreciation policy (in accordance with generally accepted accounting principles).
- Manufacturer's recommended maintenance regimens followed for all equipment.
- Emergency maintenance procedures.

#### Adequate Asset Management:

- Critical infrastructure and assets inventory (includes original cost, with new assets recorded at the time of purchase and retired assets removed from inventory).
- Critical infrastructure asset mapping (e.g., GIS-located mains, hydrants, valves, services, and tanks).
- Photographic documentation of assets to compare baseline conditions to pictures taken after the asset is impacted during an emergency event.

#### Optimizing Infrastructure O&M

- Level of service and planned maintenance targets (with performance measures in place and tracked as part of the budget process).
- · Collection system line inspection and cleaning (for sanitary sewer overflow prevention).
- Joint maintenance partnerships with other systems.
- Root cause analysis for failures used to drive maintenance of asset decisions.
- Underground asset replacement or restoration innovative solutions or restoration (i.e., water main relining, ice pigging, bursting).
- Critical spare parts inventory and all equipment either in operation or in fully ready standby mode.
- Visible SCADA and GIS to enhance O&M.
- Underground replacement/repair coordination with other projects (e.g., street paving).

#### Optimizing Asset Management:

- · Regular asset performance assessments.
- Asset full life-cycle cost estimates and depreciation studies to determine expected life cycles. Program to replace underground infrastructure on either a regular cycle (e.g., 100year life cycle) or at the asset depreciation rate.
- Hydraulic modeling analysis for the design of new and replacement infrastructure.
- Condition assessment, monitoring, and failure analysis of infrastructure assets.
- Service interruption tracking conducted relative to established levels of service targets.

- Short-term and long-term asset management and capital plan supported by commitments for necessary funding.
- Condition/functional performance standards defined for each type of capital asset.

#### ransforming Infrastructure O&M

- · Infrastructure project rating systems (e.g., Institute for Sustainable Infrastructure).
- Alliance partnerships for infrastructure development. (Avoid low-bid constraints).
- International Organization for Standardization (ISO) certification for asset management.
- Innovative solutions to leverage capital markets for infrastructure sustainability (e.g., equipment manufacturer partnerships, public-private contractual arrangements, design build operate).
- SCADA integrated with Computerized Maintenance Management System and GIS
   Enterprise system for optimizing asset management (e.g., tie maintenance and repairs to system assets).

#### Transforming Asset Management:

- Cluster asset management partnerships (implementing identical asset management at multiple neighboring utilities and sharing staff to maintain program support).
- · Multi-sector asset management relationships (e.g., with transportation sector).
- Options purchasing for future, diversified source water supply (e.g., taking an option on the future purchase of a natural water storage source, like a quarry).
- Fully developed enterprise asset management system.



#### Infrastructure Strategy & Performance

#### Adequate Infrastructure O&M:

- Cityworks used as primary asset management tool for asset inventory
  - Work order system in place to track maintenance records
- Ongoing training and certification/licensing for staff
- Maintenance regimen per O&M manuals and manufacturer's recommendation
- o Existing Emergency Response Plan for critical infrastructure repairs/maintenance.

#### **Optimizing Infrastructure O&M:**

- Regular sewer pipe inspection (4 years) and manhole inspection annually with cleaning every 2 years.
- Quarterly cleaning (GHID) and meter calibration (CVWRF) of the CVWRF meter pit interceptor.
- Have a system to determine root cause of failure; sometimes used to drive decision making for asset maintenance.
- Auger boring and horizontal directional drilling (HDD) for trenchless pipe installs.
- NO-DES and foam pigging for water main/distribution pipeline flushing and cleaning.
- Maintain an inventory of critical spare parts in various District facilities. Wastewater Pump Stations are built with redundant pumps.
- o GIS information is accessible to all District employees. SCADA access is available only to operations staff.
- o District staff meets with WVC Public Works employees monthly to coordinate road projects with pipeline replacements.



#### **Infrastructure Strategy & Performance**

#### **Transforming Infrastructure O&M:**

- o 2022 water and sewer master plans help prioritize replacement projects.
- Maintain an approved vendor list for consultants.



#### Infrastructure Strategy & Performance

#### **Adequate Asset Management:**

- Mapping of infrastructure (piping, hydrants, valves, buildings, etc.) are available in Cityworks and GIS.
- Photo documentation of assets to compare baseline conditions during an emergency event exists in the form of CCTV of sewer lines and construction photos for water-related infrastructure.

#### **Optimizing Asset Management:**

- Cityworks work orders are used as to determine asset performance.
- o Replacement schedule is determined by age, frequency of failures, and repairs as documented in work orders.
- Hydraulic modeling analysis performed by third-party engineering firm.
- Condition assessment and failure analysis are tracked with Cityworks.
- Water and sewer master plans and capital improvement plan supported by District board of trustees.
- Condition/functional performance standards are based on manufacturer's recommendations and industry standards.

#### **Transforming Asset Management:**

- Water purchase agreement with JVWCD diversifies the District's source water supply.
- Purchased a 5MG water tank at Tank Farm. Planning to construct a 3 MG reservoir for additional zone 1 storage.
- Cityworks and GIS are fully developed asset management systems utilized by the District.



## **QUESTIONS?**



## **CUSTOMER SATISFACTION**

Michelle Ketchum, Director of Administrative Services
Troy Stout, Assistant General Manager, COO



#### **EUM Definition**

#### **Customer Satisfaction**

Provides reliable, responsive, and affordable services in line with explicit, customer-derived service levels. Utilizes a mix of evolving communication technologies to understand and respond to customer needs and expectations, including receiving timely customer feedback and communicating during emergencies. Provides tailored customer service and outreach to traditional residential, commercial, and industrial customers, and understands and exercises, as appropriate, the opportunities presented by emergent customer groups (e.g., high strength waste producers, power companies).

Attribute	Attribute Components	Step 1: Rate Achievement (1-5)	Step 2: Rank Importance (1-10)
Customer Satisfaction (CS)	<ul> <li>Provides reliable, responsive, and affordable services.</li> <li>Receives timely customer feedback.</li> <li>Is responsive to customer needs and emergencies.</li> <li>Provides tailored customer service and outreach</li> <li>to a range of customer groups (e.g., residential, commercial, industrial, and newly emerging groups such as high-strength waste producers or power companies)</li> </ul>		



## **EUM Ranking**

Attrik			Rating					Ranking					Combined	
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Stakeholder Understanding &	SS	3	3	3	3	3	9	8	10	9	10	3	9.2	9



#### Customer Satisfaction — Levels of Service

Competitive Rates Grant programs, tiered structures

Product Quality Reliable, Water Quality, Service Availability

**☆☆☆** Public Service Hydrant Availability

Good Neighbor Property Impacts Managed and Minimized

Educational Outreach Conservation and Pretreatment Programs



Total

#### Customer Satisfaction — Levels of Service

## Service Affordability-Water

					Average Bill per 1k Gal																
HOUSEHOLD SIZE	# HH	% of Total	MHI Size	4	5	6	7	10	15	20	25	30	35	40	45	50					
2 narran hausahald	17 022	42.40/	\$ 70,410	\$ 22.50	\$ 24.00	\$ 25.50	\$ 27.00	\$ 29.38	\$ 33.88	\$ 40.19	\$ 45.81	\$ 51.56	\$ 62.25	\$ 71.00	\$ 78.75	\$ 86.00					
2-person household	17,823	42.4%	\$ 70,410	0.38%	0.41%	0.43%	0.46%	0.50%	0.58%	0.68%	0.78%	0.88%	1.06%	1.21%	1.34%	1.47%					
2 norsen heusehold	7.014	16 70/	\$ 74,517	\$ 22.50	\$ 24.00	\$ 25.50	\$ 27.00	\$ 29.38	\$ 33.88	\$ 40.19	\$ 45.81	\$ 51.56	\$ 62.25	\$ 71.00	\$ 78.75	\$ 86.00					
3-person household	7,014	16.7%	\$ 74,517	0.36%	0.39%	0.41%	0.43%	0.47%	0.55%	0.65%	0.74%	0.83%	1.00%	1.14%	1.27%	1.38%					
4 norsen heusehold 6 E16	6 516	15.5%	15 50/	15 50/	15 50/	15 50/	15 50/	ć 70.212	\$ 22.50	\$ 24.00	\$ 25.50	\$ 27.00	\$ 29.38	\$ 33.88	\$ 40.19	\$ 45.81	\$ 51.56	\$ 62.25	\$ 71.00	\$ 78.75	\$ 86.00
4-person household	6,516		\$ 79,212	0.34%	0.36%	0.39%	0.41%	0.45%	0.51%	0.61%	0.69%	0.78%	0.94%	1.08%	1.19%	1.30%					
E norsen heusehold	6.440	15 40/	\$ 85,539	\$ 22.50	\$ 24.00	\$ 25.50	\$ 27.00	\$ 29.38	\$ 33.88	\$ 40.19	\$ 45.81	\$ 51.56	\$ 62.25	\$ 71.00	\$ 78.75	\$ 86.00					
5-person household	6,449	15.4%	\$ 85,539	0.32%	0.34%	0.36%	0.38%	0.41%	0.48%	0.56%	0.64%	0.72%	0.87%	1.00%	1.10%	1.21%					
C name have hald	2.450	F 00/	\$ 135,653	\$ 22.50	\$ 24.00	\$ 25.50	\$ 27.00	\$ 29.38	\$ 33.88	\$ 40.19	\$ 45.81	\$ 51.56	\$ 62.25	\$ 71.00	\$ 78.75	\$ 86.00					
6-person household	sehold 2,459 5.	5.9%	\$ 155,055	0.20%	0.21%	0.23%	0.24%	0.26%	0.30%	0.36%	0.41%	0.46%	0.55%	0.63%	0.70%	0.76%					
71 norsen heusehold	1 742	4 10/	\$ 99,874	\$ 22.50	\$ 24.00	\$ 25.50	\$ 27.00	\$ 29.38	\$ 33.88	\$ 40.19	\$ 45.81	\$ 51.56	\$ 62.25	\$ 71.00	\$ 78.75	\$ 86.00					
7+ person household	1,742	4.1%	β9,874	0.27%	0.29%	0.31%	0.32%	0.35%	0.41%	0.48%	0.55%	0.62%	0.75%	0.85%	0.95%	1.03%					

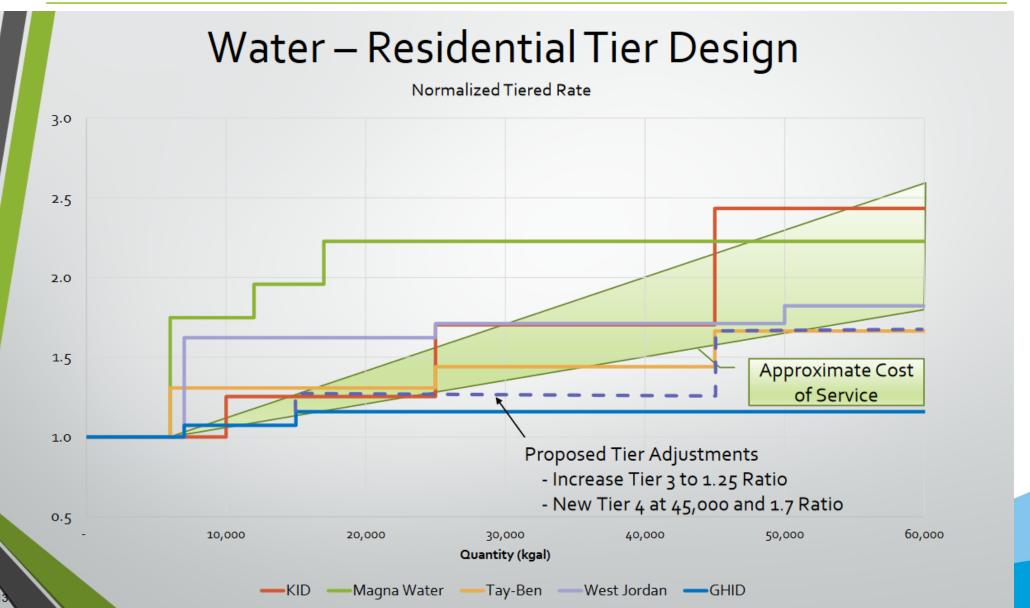
Low	Medium	High
Impact	Impact	Impact

42.003

100.0%



#### Customer Satisfaction — Levels of Service





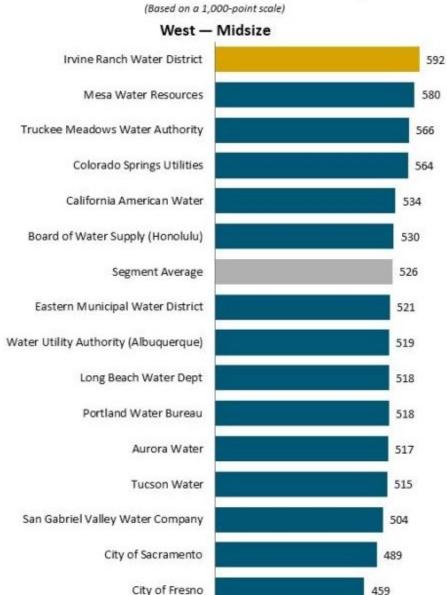
#### **Customer Satisfaction**

#### J.D. POWER **Product Quality**

"Water utilities need to do a better job of communicating with their customers about the efforts they are making to keep water supplies safe and the steps they are taking to shore up infrastructure," said **John Hazen, managing** director of utilities intelligence at J.D. Power.

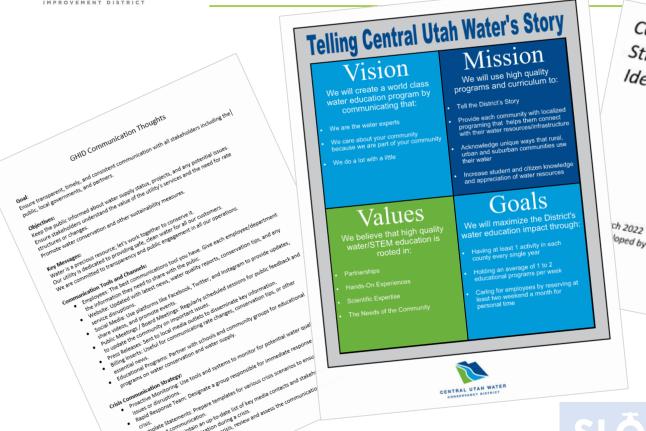
#### J.D. Power 2024 U.S. Water Utility Residential Customer Satisfaction Study<sup>SM</sup>

#### Overall Customer Satisfaction Index Ranking





#### **Customer Satisfaction - Collaboration**















#### **Customer Satisfaction**



- Customer Service **Programs** 
  - Innovations and **Optimizations Annual** Reporting



NEW WAYS OF WORKING TO STREAMLINE AND MODERNIZE OPERATIONS,

MAMAGE COSTS. AND BROWINE EXCEPTIONAL CUSTOMER SERVICE. MANAGE COSTS, AND PROVIDE EXCEPTIONAL CUSTOMER SERVICE INTERAGENCY OUTREACH COORDINATION

Central San performed strategic outreach coordination with two sister agencies to increase customer announcement should be a communication annothing the contral San partnered with Contral Costa W Central San performed strategic outreach coordination with two sister agencies to increase customer engagement through new communication opportunities. Central San partnered with Contra Costa Water and with East Raw Mainivinal Lithlitu Dietrics engagement through new communication opportunities, Central San partnered with Contra Costa Water

[ District (CC(WD)) on student education programming outreach and with East Bay Municipal Visit Costa Water

[ SAMI ID] on viewal nlant foure and the 75th Anniversary Customer Experience. CCWD and Central San District (CCWD) on student education programming outreach and with East Bay Municipal Utility District (EBMUD) on virtual plant tours and the 75th Anniversary Customer Experience. CCWD and Central San under County of County of County Office of (EBMUD) on virtual plant tours and the 75th Anniversary Customer Experience. CCWD and Central San 1 demails that promoted Central San's plant tour along with FRMLD's tours to the District's Customers. partnered on a one water student education program which served over 13,000 students. EBMUD sent 14 emails that promoted Central San's plant tour along with EBMUD's tours to the District's Customers received out tours and can's plant tours along the plant tours to the District's Customers. 14 emails that promoted Central San's plant tour along with EBMUD's tours to the District's custo outreach on Central San's plant tours via emails from EBMUD.

ONLINE ACCESS TO INTERNAL DETAIL-LEVEL BUDGET-TO-ACTUAL REPORTS

To optimize staff productivity and reduce manual effort involved in preparing, reviewing, and distributions and involved in preparing and distributions are an area on the staff. Finance has implemented online access To optimize staff productivity and reduce manual effort involved in preparing, reviewing, and distributions, equality for managers and burdentness to staff, Finance has implemented online access to uting detail-level budget-reports for each cost center to staff, Finance has implemented online access to and can pacify by the continuous and can pacify by the continuous continuous and can be continuous continuous continuous and can pacify by the continuous cont

budget-to-actual results for managers and budgeteers. All managers and budgeteers have a unique lop in and can easily lookup specific cost center budgets at a summary or detail-level, at their discretion. MONTHLY TO QUARTERLY FINANCIAL REPORTING TO FINANCE COMMITTEE

To provide transparency to the public and facilitate Board oversight of financial operations, financial operat To provide transparency to the public and facilitate Board oversight of financial operations, financial cannot a sale labor intensive to nut transfer yet through the new Fap custom determined from the monthly standard or through the new Fap custom determined to nut transfer yet through the new Fap custom determined to nut transfer yet. reports have been presented on a monthly basis to the Board Finance Committee. These monthly produced which are very robust rondering manthly transfers as providing little additional value. reports are labor intensive to put together, yet, through the new ERP system, quarterly reports can be committee concurrence. staff can transition to proceeding detailed financial colours and the substitution of the concurrence of the colours of roduced which are very robust, rendering monthly reports as providing little additional value. With and canital hudgets, to actual summary reports on a quarnance Committee concurrence, staff can transition to presenting detailed financial reports on a quary basis, in addition to monthly O&M and Capital budgets-to-actual summary reports on a quarnone while presenting transparance and pagesials.

Vent Services has seen a significant increase in activity, with more residents building accessory in a factor of the factor of t tent Services has seen a significant increase in activity, with more residents building accessory its (ADUs) and completing home projects that require Central San review. The Permit Courses and maintain Central San's high lovel of cuerones. s (ADUs) and completing home projects that require Central San review. The Permit Council with the kiele united and maintain Central San's high level of customer and a second and a second and a second as a seco operational improvements to optimize and maintain Central San's high level of customer is with the high volume of plans received, a temporary Administrative Assistant performs is with the nigh volume or plans received, a temporary Administrative Assistant perform A dealings of a reviewer to assist with initial checks to catch general items the and A dedicated email address acknowledges electronic receipt of plans and advises ed, A dedicated email address acknowledges electronic receipt of plans and advises ready for pickup. An ADU frequently asked questions sheet is in developeir pians are ready for pickup. An AUU frequently asked questions sheet is in develor rocess and requirements for contractors and homeowners, to answer customers'

CONSTRUCTION INSPECTION REPORTS

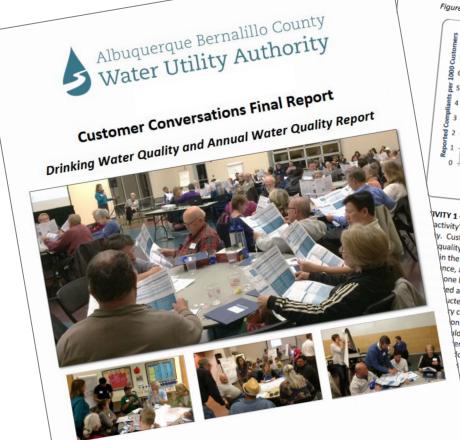
ally construction inspection reports used by outside consultants and inter-Initially, a beta team was testing sending these reports through e-Builder, that sending the reports through Outlook makes the process efficient That sending the reports through Outhous makes the Process emakers oved timing of receiving the reports, and consistency in reporting.



### **Customer Satisfaction**

#### ABC Water Authority

 Customer Conversations -Drinking Water Quality





VVITY 1 – DISCUSSION OF WATER QUALITY CONUNDRUM activity's purpose was to explore customers' aesthetic concerns of their drinking water y. Customers were asked the question "What issues have you experienced with drinking quality at your home in the last year?" For Part 1 of this activity, a large diagram was in the center of the table that contained four areas of concern – taste, odor, nce, and pressure. Each customer was provided six dots: four green dots, one orange one blue dot. The green dots represented satisfaction or no issues; the orange dot ed a primary concern and the blue dot represented a secondary concern. Customers ycted to place these dots into the four areas of concern. If a customer had a primary y concern, they would place these dots into one of the four areas. The customer on of placing green dots into the other two areas of concern. Alternatively, a ald place green dots in each area if they did not have primary or secondary er completing the activity, table facilitators led a table discussion on the ots for customer concerns in the four areas. Recorders captured comments as they talked about their experiences related to the placement of dots.



## **Customer Satisfaction – Practice Areas**



Community Engagement -----

Utility is a <u>visible member of the community</u> and plays an active role in community events. Community organizations and members engaged as full partners in utility plans and operations.



Public Relations

Basic information about the utility is readily accessible and understandable to community members. Emergency response communications proactively prepared. Focus efforts to increase community understanding of the utility, the benefits from its functions and services, and the requirements for operating sustainably. Viewed as leader and trusted within the community.

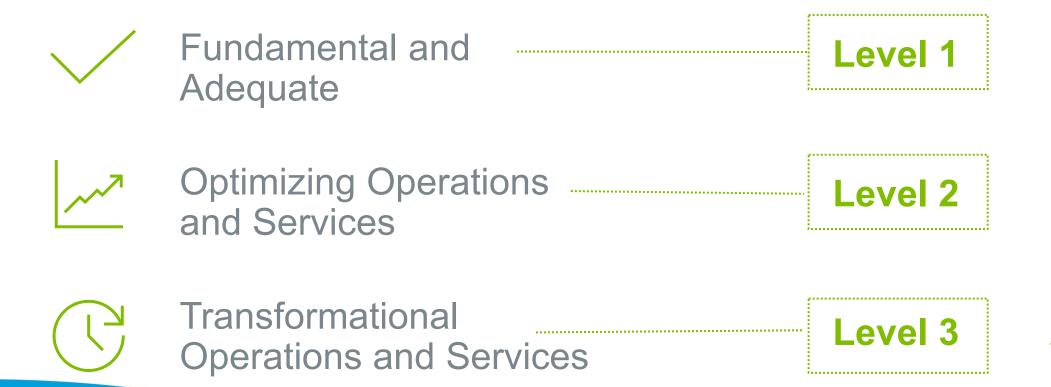


Customer Feedback

Customer complaint and response mechanisms are in place. Feedback actively solicited and mechanisms for understanding and improving satisfaction and support are in place. Trusted relationships in place with key community opinion leaders. Aware of external needs and interests.



#### **Customer Satisfaction – Levels**



Advanced



#### **Customer Satisfaction – Levels**



## Fundamental and Adequate

Level 1

- Community events
- Open House events
- Customer Flyers
- Emergency event public communications
- Customer complaint response time targets
- Clear visible signs for construction activities
- Website includes information about major undertakings



#### **Providing Adequate, Fundamental Services**

Sub-topic	Where we are:
Community Engagement and Participation:	West Valley City events: SpringFest, WestFest Parade, Night Out SummerFest. ChamberWest. Treatment Plant Open House event.
Public Relations, Education, and Promotion:	Printed, ebill and statement billing options with multiple was to pay.  Periodic explanatory flyers: Spring & Fall newsletters, Expansion tank information, Lead & Copper testing, Annual Consumer Confidence/Water Quality Report, Pretreatment letters, spring watering instructions, and rebate options. Many offered in the Spanish language.  Our website includes information about major undertakings.  New Sign Agreements available online.  Ipaws participation for emergency communication.
Customer and Stakeholder Feedback and Response:	Available 24/7 with after hour-service and on-call technicians.  Lobby and drive-up window available during business hours.  Meter technicians available for leak-checks, shut-downs, investigations, etc.  Customer complaint receipt and response capability: Phone, email, website with response primarily same business day. Lien vs. shut-offs.  Incode and CityWorks asset management to store pertinent information, service requests, and all resolutions.



#### **WestFest Parade**











#### **Customer Satisfaction – Levels**



## Optimizing Operations and Services

Level 2

- Two-Direction Engagement with Community
- Community Engagement Forums
- School Outreach Programs
- Educational Brochures
- Annual Utility Performance Report
- Customer Satisfaction Surveys
- Incorporating Customer Feedback into Change Management Processes



#### **Optimizing Operations and Services**

Sub-topic	Where we are:
Community Engagement and Participation:	Two-directional engagement with community members through some social media interaction on Facebook and Instagram, Rates/Budget Public Hearings, and monthly Board Meetings.
Public Relations, Education and Promotion:	Value of water and wastewater services educational information through Customer Information Packet, ads on select vehicles, LocalScapes classes, and education activity booklets.
Customer and Stakeholder Feedback and Response:	Customer satisfaction survey completed in 2013 and Customer feedback focus group in 2021. Currently tracking reasons for phone calls.



### **Sewer Averaging Customer Outreach**

Each May, sewer averaging is recalculated for customer billing. Office staff attempted to review all 26,453 accounts. Manual adjustments were made if customers repaired a leak. Staff contacted customers by phone, email or sent letters to notify of any on-going continual usage found in AMI.

The office calculated 292 hours spent on this project...not counting Meter tech hours for completing leak-check workorders.

Sewer Average Review	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Totals
Residential Accounts	6752	6310	6050	5060	24172
Residential Ongoing Constant Usage- contacted customer	38	25	38	25	126
Residential Accounts-Adjusted for fixed leak	48	29	49	37	163
Commercial Accounts	77	89	203	297	666
Commercial Accounts-Reviewed	32	70	99	68	269
Commercial Accounts- Adjusted for fixed leak	4	12	18	11	45
Multi-Unit	106	105	40	568	819
Multi-Unit-Reviewed	30	66	40	57	193
Multi-Unit- Adjusted (still under review)	TBD	TBD	TBD	TBD	n/a
Per Cycle	7087	6706	6537	6123	26453
Hours Spent	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Totals
Krista- CS Supervisor	32	32	32	32	128
Marinda-Analyst	12	12	24	24	72
CS Team	24	24	24	20	92
Per Cycle	68	68	80	76	292



#### **Grass Seed Event**

Our 3<sup>rd</sup> GRASS SEED EVENT was a huge success! Hundreds of customers lined up to purchase a bag.

When asked how they heard about the event, some said they saw it on Facebook or our website, but most said they received our email.

The grass seed event generated a positive response and great feedback!

Facebook-Grass Seed Event							
Post Reach	2,172						
Engagement	305						
New Page Likes	19						
New Followers	25						
Reactions 😊	55						
Comments	17						
Shares	7						











#### **Customer Satisfaction – Levels**



## Transformational Operations and Services

Level 3

- Water Supply forum sponsorship for sustainability
- Community event co-sponsorships with other organizations
- Coalition with NGOs to leverage resources in support of sustainability initiatives
- Stakeholder and customer surveys to test effectiveness of outreach programs
- Utility culture includes clear articulation and communication as part of the organization's brand
- Risk Management communication to the public support of innovation (increased public tolerance for service failure or increased costs)



#### **Transforming Operations and Services for the Future**

Sub-topic	Where we are:
Community Engagement and Participation:	Hazard Mitigation Plan Public Involvement and Stakeholder meetings. Relationships with West Valley City to inform and support water issues in the community. Coalitions with emergency response communities.
Public Relations, Education and Promotion:	GHID branding, Waterwise education efforts and demonstration garden. Lead & Copper survey and education campaign.
Customer and Stakeholder Feedback and Response:	Continuous or abnormal water usage outreach and direction for Water Usage Portal enrollment.



#### **Continuous or Abnormal Water Usage Outreach**

Each week during the billing process, accounts are found that have continuous or abnormal water usage. When discovered, GHID office staff will reach out to the customer either by phone, email or by letter to inform them of a possible water leak, offer assistance and give information on how to login to the Customer Water Usage Portal and track hourly consumption. May is often a busy month for continuous usage due to broken sprinklers.





#### WHERE CAN WE IMPROVE?



Community Sustainability –
 Water Assistance Program

Facility Signage

Grass seed or other similar events

Increased participation in Water Week

Other ideas...



## **Employee and Leadership Development**

Dakota Cambruzzi, HR Manager Jason Helm, General Manager



#### **EUM Definition**

#### Employee and Leadership Development

Recruits, develops, and retains a workforce that is competent, motivated, adaptive, and safety-focused. Establishes a participatory, collaborative organization dedicated to continual learning, improvement, and innovation. Ensures employee institutional knowledge is retained, transferred, and improved upon over time. Emphasizes and invests in opportunities for professional and leadership development, taking into account the differing needs and expectations of a multigenerational workforce and for resource recovery operations. Establishes an integrated and well-coordinated senior leadership team.





## **EUM Ranking**

Attri		Rating Ranking											Combined	
		Board	Manageme	Directors	Groups	Managers	Board	Manageme	Directors	Groups	Managers	Combined Rating	Ave Ranking	Ranking
Product Quality	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	00	2	3	2	3	2	7	9	7	8	6	3	7.4	8
Financial Viability	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



### **Workplace Culture**

Sub-topic	Where we are:
Job Roles and Responsibilities	<ul> <li>Complete job descriptions for each position</li> <li>Maintained org charts</li> </ul>
Merit-Based Performance Management	<ul> <li>Formal performance management system</li> <li>Weighted rankings tied to job grades</li> <li>Merit guidelines in place based on comp-ratio but flexibility allowed</li> </ul>
Employee Feedback & Recognition	<ul> <li>GM Luncheons</li> <li>Employee Advisory Board</li> <li>Employee Engagement Survey</li> <li>Motivosity Recognition System</li> </ul>
Defined Culture	<ul> <li>Mission, Vision, Values Statements</li> <li>Employee Handbook</li> <li>Culture Training</li> <li>New Supervisor Orientation</li> </ul>



#### **Workplace Culture**

## Trustees & Staff Staff Discussion

#### **Potential Topics:**

- Employee Development Plans
  - Professional goals
  - Skill evaluations
  - Competency evaluations
- Employee Performance Link to Business Objectives



#### Recruitment, Retention & Succession

Sub-topic	Where we are:							
Structured Selection Process	<ul> <li>Applicant Tracking System</li> <li>Phone Screens based on culture questions</li> <li>Onsite panel interview</li> <li>Offer stage process mapped for consistent delivery</li> </ul>							
Onboarding Program	<ul> <li>Standard experience with documents and email templates</li> <li>Structured first day with Safety, IT, HR, and Leadership orientations</li> <li>One-week follow-up meeting</li> <li>Introductory Period Review (90-day evaluation)</li> </ul>							
Retention and Turnover Management	<ul> <li>Turnover metrics (significantly down over last 5 year trend!)</li> <li>Employee Appreciation Events</li> <li>Open Door Policy</li> <li>Training Opportunities</li> </ul>							
Succession Planning	Workforce Demographics and Retirement Planning							



#### Recruitment, Retention & Succession

# Trustees & Staff Staff Discussion

#### **Potential Topics:**

- Critical Position Identification
  - Future Staffing Needs
  - Formal Retention Plan
- Educational and Recruiting Partnerships



#### **Development Opportunities**

Sub-topic	Where we are:
Industry Certifications and Tuition Reimbursement Programs	<ul> <li>Water Distribution Grade IV and Wastewater Collection Grade IV certifications highly emphasized and compensated</li> <li>Formalized Tuition Assistance Program</li> </ul>
Department Cross-Training	• Internal promotions preferred (19 in 2023, 8 in 2024 so far)
Leadership Development	<ul> <li>Elective leadership development training</li> <li>New Supervisor Training established</li> <li>Leaders Competencies identified with job grades</li> </ul>



#### **Developmental Opportunities**

## Trustees & Staff Staff Discussion

#### **Potential Topics:**

- Cross Training for All Staff on Business Functions
- Formal Leadership Training Plan



## Thank You!