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Overview

- Utility Background
- Current Infrastructure Conditions
- Development Challenges
- Solutions

Utility Background

- AWWU is one organization made of two utilities
 - Anchorage Water Utility AWU
 - Anchorage Sewer Utility ASU
- Primary Regulators
 - Regulatory Commission of Alaska (RCA)
 - Alaska Department of Environmental Conservation (ADEC)
 - Environmental Protection Agency (EPA)

Current Infrastructure Conditions

Customer

• Infrastructure in use (service & mains).

Benefited but not Customer

• Infrastructure fronts property but not in use (service not complete).

Not Benefited

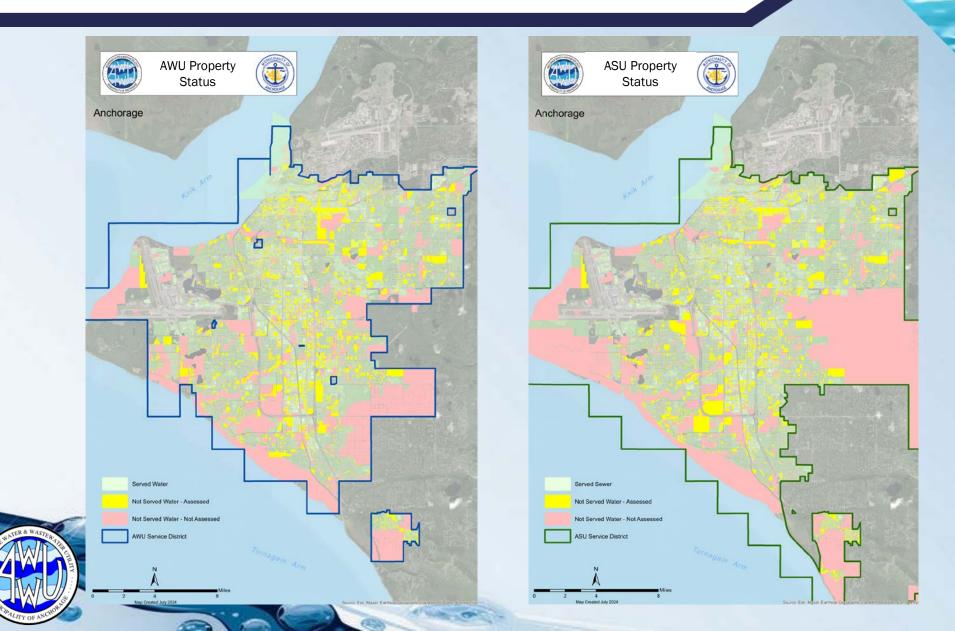
No infrastructure fronting property.

Current Infrastructure Conditions

Properties in AWU Service Area					
Customers	80%				
Benefited but not Customers	6%				
Not Benefited	14%				

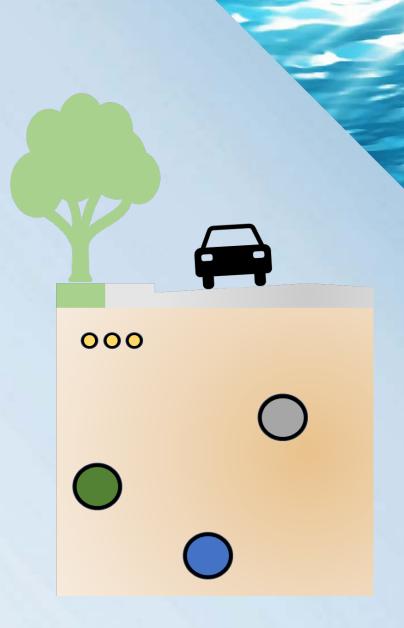
Properties in ASU Service Area						
Customers	80%					
Benefited but not Customers	6%					
Not Benefited	14%					

Current Infrastructure Conditions



Offsite Development Costs

- Offsite Development Costs
 - Road
 - Electric | Gas | Telecom O O O
 - Drainage
 - Sewer
 - Water



Historical Expansion Programs

- Improvement Districts
 - Community voted
 - Financial responsibility on community
- Private Developers
 - Market driven
 - Financial responsibility on developer
 - Private Development
 - Private System

Development Challenges

- Current programs are cost prohibitive resulting in:
 - Limited land for development
 - Barriers to attract and start businesses
 - Stagnant economic development

In Response to the Challenges

- Infrastructure Coordination Agreements (ICA)
 - Flexible Development Contracts
 - Similar to Public Private Partnerships (P3)
- Federal Grant Funding Opportunities
 - Congressional Directed Spending
 - Competitive Grant Opportunities
- Hybrid Private Development & Private System Projects

Sandhill Reserve ICA

- Feasibility
 - Project Economy of Scale
 - Public Health & Safety Needs
- Scope
 - Private Development Project
 - AWWU Capital Project
- Successes
 - Improved Health & Safety
 - Increased Housing Supply
 - Increased Utility Rate Payer Base
 - Increased Property Values



Federal Funding Opportunities

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			T SIICCES
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Holtan Hills Regional Sewer Access Project	\$3,125,000	\$3,125,000	Funded - FY23
Powder Reserve Regional Sewer Access	\$5,625,000	\$8,750,000	Funded - FY23
Regional Landfill Leachate Treatment Facility	\$16,250,000	\$25,000,000	Funded - FY23
Ruane Road Culvert Replacement	\$2,500,000	\$27,500,000	Funded - FY23
Snowy Court Resiliencey Water Pipeline	\$375,000	\$27,875,000	Funded - FY24
Eldon Subdivision Regional Fire Protection Water Pipeline	\$1,497,000	\$29,372,000	Funded - FY24
Regional Emergency Water Fill Stations	\$2,200,000	\$31,572,000	Funded - FY24
Terraces Subdivision Fire Protection Improvements	\$4,700,000	\$36,272,000	Funded - FY24
Sand Lake Public Water Access	\$6,625,000	\$42,897,000	Funded - FY24
Tanaina Hills Subdivision Public Water Access	\$4,287,367	\$47,184,367	Request - FY25
Girdwood Well Production Upgrades	\$3,750,000	\$50,934,367	Request - FY25
River's Edge, Eldon, and Patricia Subdivisions Sewer Access	\$3,625,000	\$54,559,367	Request - FY25
Romig Utility Contaminated Well Replacement	\$6,250,000	\$60,809,367	Request - FY25
Municipality of Anchorage Public Sewer Access	\$3,750,000	\$64,559,367	Request - FY25
King Street Emergency Equipment Warm Storage Facility	\$47,000,000	\$111,559,367	Application Submitted

Hybrid Projects: Carol Creek Development

AWWU Private Development (public mains)
on private streets with
optimized easement design

- •Allowed for higher density
- Minimized public liability
- Maintained high design standards & service

