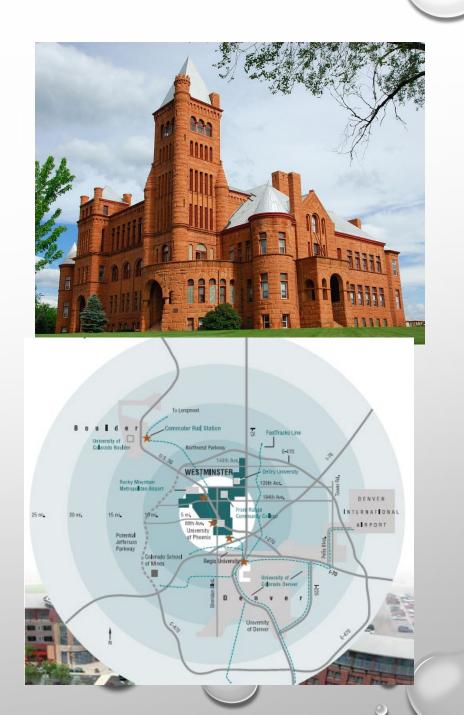
LINKING LAND AND WATER THE FUTURE OF WATER MARCH 29, 2019

STU FEINGLAS - SENIOR ANALYST



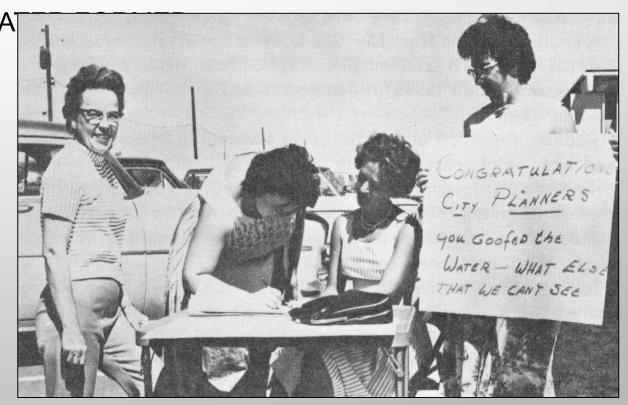
WHO IS WESTMINSTER?

- 115,520 POPULATION (2017 ESRI ANALYST)
- 134,193 WATER SERVICE POPULATION
- 32,500 WATER CUSTOMERS
- 34 SQUARE MILES
- BETWEEN DENVER AND BOULDER ON US HWY 36 CORRIDOR

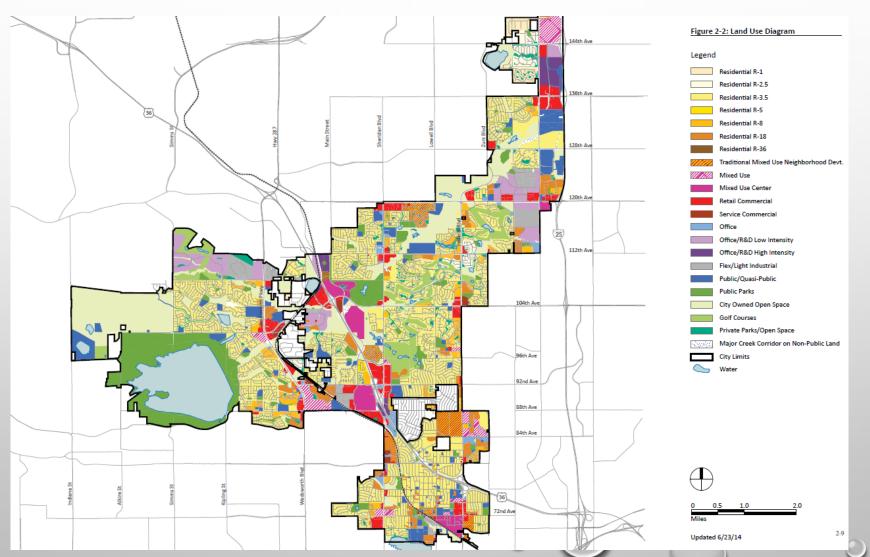


THE LONG, HOT SUMMER OF '62

- WATER SHORTAGES REQUIRE CITY TO USE LOW QUALITY WATER
- POOR QUALITY WATER LEADS TO "MOTHERS' MARCH"
- CITIZENS COMMITTEE ON WAT
- Stop building permits
- Ban lawn sprinkling
- Stop using Clear Creek water



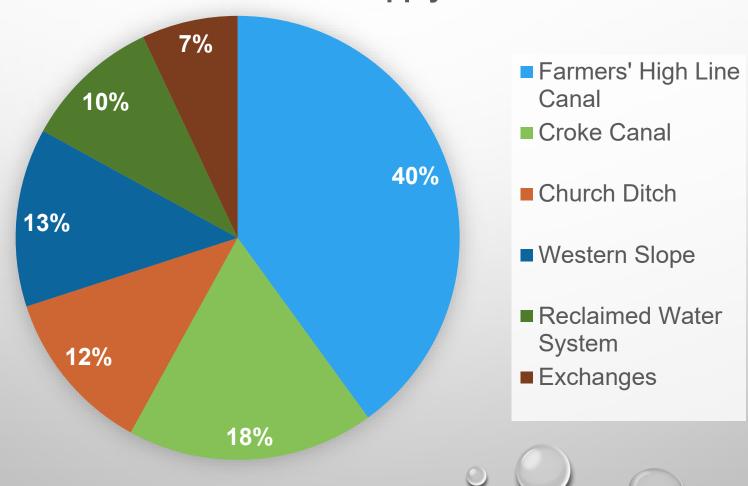
COMPREHENSIVE PLAN Figure 2-2: 1





WATER SUPPLY PLAN

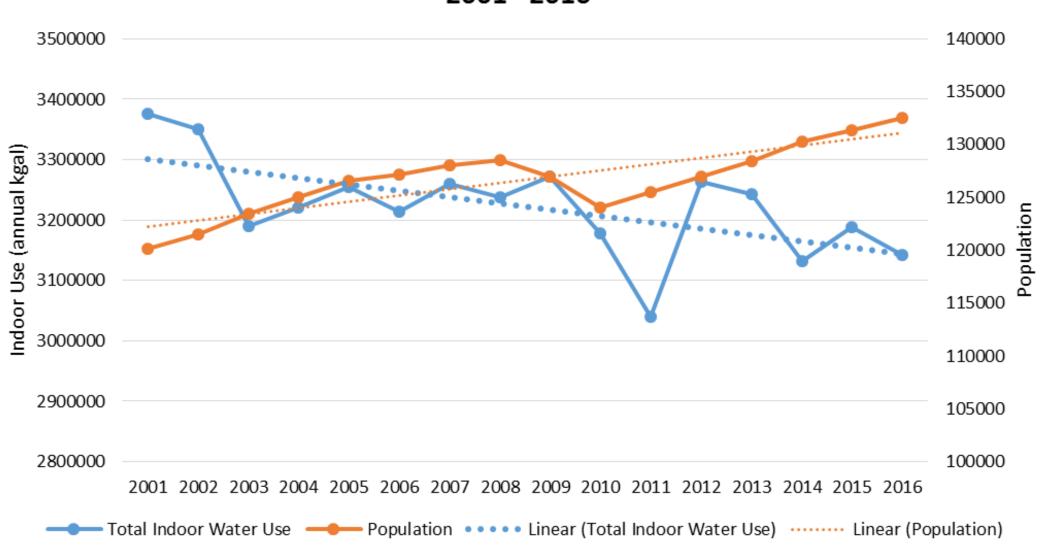
Percent of Water Supply



COMPREHENSIVE & WATER SUPPLY PLAN



Total Annual Indoor Use vs. Served Population 2001 - 2016





STAKEHOLDERS

- CURRENT CITIZENS AND RATEPAYERS
- LAND OWNERS
- DEVELOPERS
- FUTURE CITIZENS AND RATEPAYERS
- CITY DEPARTMENTS
- REGION AND STATE
- LOCAL ECONOMY



GOALS AND TOOLS

- FAIR AND EQUITABLE
- DEVELOPMENT PAYS FOR DEVELOPMENT
- RATE AND FEE STRUCTURES
- DIGITIZING DATA IN GIS
- COMP PLAN
- WATER PLAN
- RESEARCH ON WATER USE AF/A BY DEVELOPMENT TYPE



MUNICIPAL WATER SUPPLY PLANNING

Vision for the Future

Comp Plan

Estimate Future
Demand for
Water

What is Worst Case?

City Council Policy City policy decisions made on land use and water supply.

Calculate
Future Water
Supply for
Average, Wet,
Dry Years

Drought Resilience ?

Recommend rebalancing land use and water supply if needed

Compare
Demand to
Supply
Projections

Compute r Modeling

Plan and implement strategy to close the "gap"

Estimate Future Water Supply "gap"

Engineerin g Analysis

THANK YOU