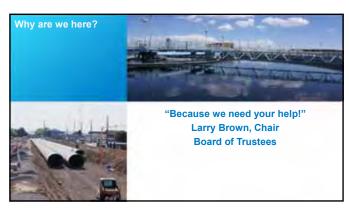
Wastewater Rates and Charges Citizens Advisory Committee June 21, 2018



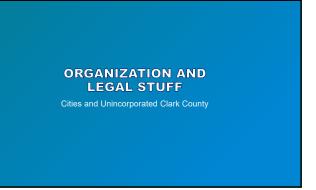








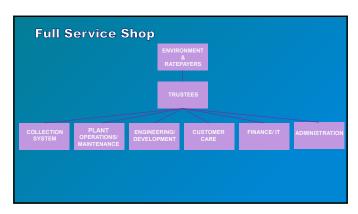
**AGENCY HISTORY** 







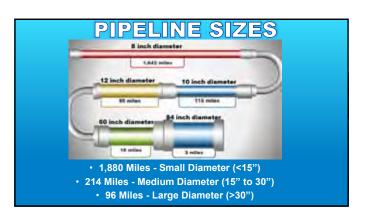


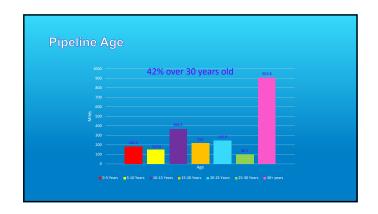








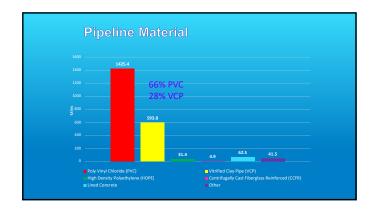




## PIPELINE MATERIAL Poly Vinyl Chloride (PVC) Vitrified Clay Pipe (VCP) High Density Polyethylene (HDPE) Centrifugally Cast Fiberglass Reinforced (CCFR) Lined Concrete











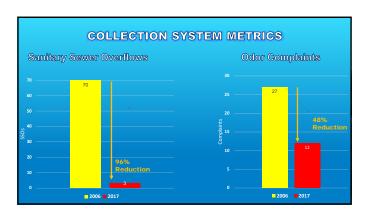


### COLLECTION SYSTEM MAINTENANCE

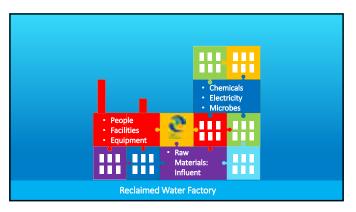
- System-wide Cleaning and Inspections
- Hot-Spot Cleaning
- Sanitary Sewer Overflow Response
- Manhole Inspections
- Flow Monitoring
- Odor Monitoring



## COLLECTION SYSTEM MAINTENANCE Source Control Program (Pretreatment) USA Mark-out/Call Before You Dig Public Education







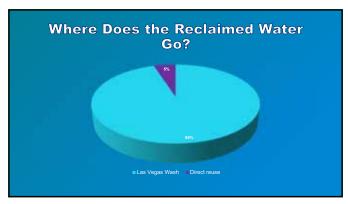
### **What's Influent?**

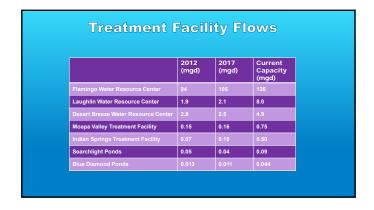
- Wastewater discharged from:
  - Residences (toilets/sinks/showers/washing machines)
  - Hotels/Restaurants
  - Businesses/Industries

### **What's Not Influent?**

- Stormwater
- Urban Run-off











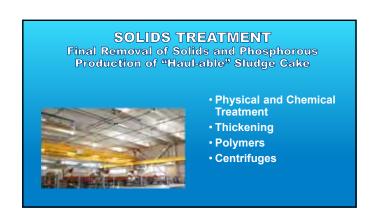






# DISINFECTION Remove Pathogens Reduction of Microorganisms • Physical or Chemical Treatment • Ultraviolet light • Ozone









How Do We Know the Water is Clean?

- Helpers Clean Water for Us
- Testing and Analysis



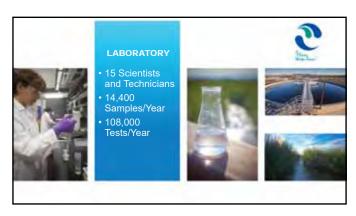
HOW DO WE SUPERVISE OUR HELPERS?

LeAnna's Famous Bug Show!











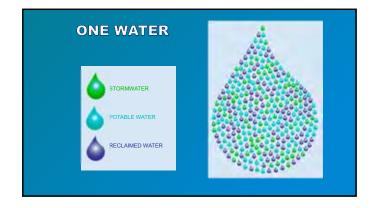




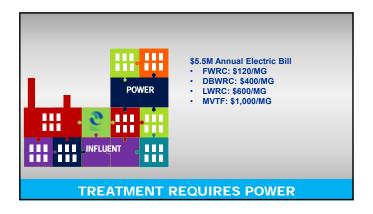








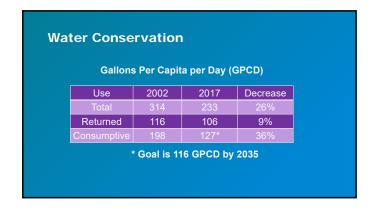


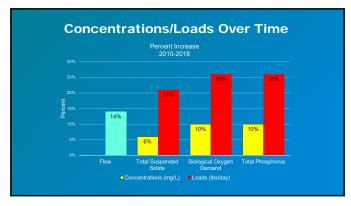


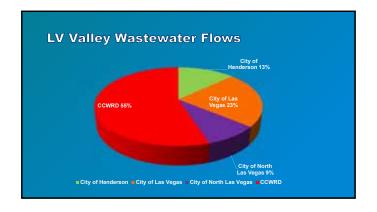


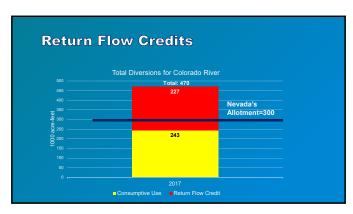


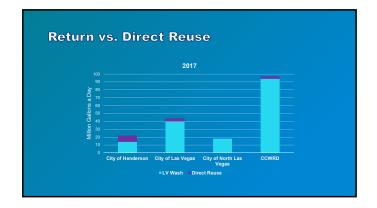




















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