



# SAFE DRINKING WATER PROGRAM UPDATE



ENGINEERING SERVICES



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## ORGANIZATION

- DHH/OPH/CEHS Engineering Services
- Central Office
  - Chief Engineer – Jake Causey, P.E.
  - Deputy Chief Engineer – Vacant
- Regional Offices
  - District 1/Region 1 – New Orleans – Clyde Carlson, P.E.
    - Region 3 – Thibodaux – David Boggs, E.I.
  - District 2/Region 2 – Baton Rouge – Steven Davis, P.E.
    - Region 6 – Alexandria – Michael Cazes, P.E.
    - Region 9 – Mandeville – Brian Mistich, P.E.
  - District 3/Region 4 – Lafayette – Amanda Laughlin, P.E.
    - Region 5 – Lake Charles – Vacant
  - District 4/Region 7 – Shreveport – Jennifer Kihlken, P.E.
    - Region 8 – Monroe – Vacant

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## SDWP Facts and Figures

- Total Number of Public Water Systems = 1411
  - Community = 1050
  - Non-Transient Non-Community = 146
  - Transient Non-Community = 215
- Total Number of Active Sources = 2802
  - Wells = 2726
  - Intakes = 76
- Population Served
  - Ground Water = 59%
  - Surface Water = 41%

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## PWS Challenges

- Arsenic
  - Many systems are in violation of Arsenic MCL
- Salt Water Intrusion
  - Southern Hills Aquifer
- Declining Aquifer Levels
  - Sparta
- Natural and Man-Made Disasters
  - Hurricanes, Droughts, and Winter Storms
  - Caddo Parish Gas Well Incident
  - Mississippi Canyon 252 Oil Well Explosion

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## PWS Challenges cont.

- Failing Infrastructure
  - Line Breaks
  - Power Outages
  - Compromised Storage Tank
  - Water Well Outages
- Cross Connection Control Programs
  - Just Beginning to Implement
  - Lack of Properly Trained Staff
- Keeping up with New EPA Regulations

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## SDWP Challenges

- Budget Cuts
  - Reduced Budget Authority for Contracts
- Filling Vacant Positions
- Keeping Up With New EPA Regulations
- Sanitary Code Updates

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## The Future.....

- More Regulations...
  - TCR Revisions
- Continued Consolidation of Small Water Systems
- Starlims – Going Electronic with Bacteria and Chemical Sample Collection, Results, and Reporting
- SWIFT – Going Electronic on Sanitary Surveys
  - Closer Watch on Sanitary Survey Deficiency Compliance

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## QUESTIONS?

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