

### ARCADIS

### Principal Investigator(s) and Affiliations:

- Jason Carter, PE, PI, Arcadis
- Joanna Brunner, PE, Co-PI, Arcadis
- Bart Weiss, Co-PI, Hillsborough County Public Utilities, FL
- John Norton, PhD, PE, Co-PI, Great Lakes Water Authority
- Ryan Locicero, PhD, PE, Co-PI, Clean Water Services
- Ed Means, Co-PI, Means Consulting, LLC
- Stephanie Corso, Co-PI, Rogue Water

#### Participating Utilities:

- Albuquerque-Bernalillo County Water Utility Authority
- American Water
- California Water Services
- Central Arkansas Water
- City of Hollywood, FL
- City Utilities Fort Wayne
- Clayton County Water Authority
- Clear Water Services
- DC Water
- Del-Co Water Company
- Great Lakes Water Authority
- Gwinnett County Department of Water Resources
- Hillsborough County Water Resources Department
- Lake County Department of Utilities
- Louisville-Jefferson County Metropolitan Sewer District
- Louisville Water Company
- Milwaukee Metropolitan Sewerage District



# ARCADIS

- Moulton Niguel Water District
- Metropolitan Water District of Southern California
- MWRD of Greater Chicago
- Northeast Ohio Regional Water District
- New York City Department of Environmental Protection
- Orange County Water District
- Peace River Manasota Regional Water Supply Authority
- Rancho California Water District
- Sacramento Regional County Sanitation District
- San Francisco Public Utilities Commission
- San Jose Water Company
- Southern Nevada Water Authority
- Sanepar
- Sydney Water
- The Regional Municipality of York
- Toho Water Authority
- Toronto Water
- Winter Haven
- WSSC Water

• Insight was also provided by participating industry organizations including Water Research Foundation, American Water Works Association, American Metropolitan Water Association, Water Services Association of Australia, and the Water Environment Federation.

#### Funding Agencies: Support provided by participating utilities, listed below:

- Albuquerque-Bernalillo County Water Utility Authority
- California Water Services
- Central Arkansas Water
- City of Hollywood, FL



# ARCADIS

- City Utilities Fort Wayne
- Clayton County Water Authority
- Clear Water Services
- DC Water
- Del-Co Water Company
- Great Lakes Water Authority
- Gwinnett County Department of Water Resources
- Hillsborough County Water Resources Department
- Lake County Department of Utilities
- Louisville-Jefferson County Metropolitan Sewer District
- Louisville Water Company
- Milwaukee Metropolitan Sewerage District
- Metropolitan Water District of Southern California
- MWRD of Greater Chicago
- Northeast Ohio Regional Water District
- Orange County Water District
- Rancho California Water District
- Sacramento Regional County Sanitation District
- San Jose Water Company
- Sydney Water
- The Regional Municipality of York
- Toho Water Authority
- Toronto Water
- Winter Haven
- WSSC Water