

Department of Environmental Health

Small Drinking Water System Program

Neil Searing
DEH-LWQD

Program Information

- 2 full time staff
 - Randy Sandoval & Vacant
- Jamelle McCullough – Supervisor
- 150 regulated small public water systems
- San Diego DEH Local Primacy Agency (LPA)
- Phone: (858) 694-3113
- Email: WaterSamples.DEH@sdcounty.ca.gov

Regulatory Framework

- SWRCB – Division of Drinking Water
 - Public Water Systems
 - 15 or more service connections
 - 25 or more people for at least 60 days per year
- 30 LPA's in California – Small Public Water Systems
 - < 200 service connections
- Delegation Agreement to San Diego County DEH as LPA for Small Public Water Systems

Drinking Water Regulations

- California Safe Drinking Water Act
- Title 22, CCR – Drinking Water Regulations
- CA Health and Safety Code
- Title 17, CCR – Cross Connection Control

Types of Small Water Systems

- Community Water Systems
- Non-Transient Non-Community Water Systems
- Transient Non-Community Water Systems
- State Small Water Systems

Community Water Systems

- 15-199 service connections
- Year long residents
- Certified Operator required
- Monthly bacteriological testing
- Quarterly nitrates
- VOC's, SOC's, Inorganics, Radionuclides, Lead & Copper, Secondary MCL's, DBP's
- Small Communities, Mobile Home Parks

Non-Transient Non-Community

- 25 or more people over 6 months per year
- Non residential
- Monthly Bacteriological
- Quarterly nitrates
- VOC's, Radionuclides, Inorganics, Lead & Copper, DBP's
- Office buildings, schools

Transient Non-Community

- 25 or more people over 60 days per year
- Quarterly bacteriological testing
- Annual nitrate testing
- Campgrounds, wineries-breweries, restaurants

State Small Water Systems

- 5-14 service connections
- Less than 25 people
- Not considered “public” water systems
- Subject to same requirements as Transient Non-Community
- Quarterly bacteriological
- Annual nitrate
- Small residential communities

Treated Water Systems

- Can be on all 4 types of systems
- Disinfection
- Primary drinking water standards
 - Nitrates
 - MCL exceedances
 - Radionuclides
- Secondary standards
 - Iron and manganese
- Certified Operator Requirements

What We Do

- Sanitary Survey Inspections
- Review of water quality data
- Monitoring and Reporting
- Data Management
- Technical Assistance
- Operator Trainings / Workshops
- Public Notification
- Enforcement
- Compliance

Licensed Professional Assistance

- System Treatment Designs
- Operation and Maintenance Plans
- Compliance Plans
- Blending Plans
- Source Water Assessments
- Infrastructure Improvements
- Site Sampling Plans
- Source Capacity
- Source flow / production records
- Cross Connection Control













Questions?

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