

Environmental Services Annual Compliance Report

2017 Summary

March 15, 2018
Board of Public Utilities Meeting

Presented by Rita Miller
Deputy Director of Environmental Services



OUR FUTURE IN EVERY DROP

Santa Rosa Water

Protecting public health, water, land & air

- *Meet local, state & federal rules, regulations, permit requirements*
- *Foster public trust thru transparency*
- *Integrate best use of resources*



OUR FUTURE IN EVERY DRÖP

Overview

→ *Applicable Rules, Regs & Permit Requirements*

→ *2017 Excursion Summary*

→ *Emerging Regulatory Issues, Opportunities*

Sanitary Sewer Collection System

Wastewater Treatment/Discharge

Air Quality/Emissions

Hazardous Materials/Waste Management

Sanitary Sewer Collection System

Applicable Rules & Regulations:

- Statewide General Permit for Sanitary Sewer Systems
Santa Rosa Sanitary Sewer Management Program:
 - Eliminate SSOs
 - Maintain & improve condition of collection system
 - Minimize infiltration/inflow into the system & provide adequate capacity

2017 Excursion Summary:

Non-Compliant Events	Description	Impact
8 Sanitary Sewer Overflows	Each SSO met Category 3: <999 gallons, Did not enter a waterway, or All flow retrieved. (Category 3 = Lowest impact.)	Total Combined Volume = 2,318 gallons

Wastewater Treatment/Discharge

Applicable Rules & Regulations:

- LTP NPDES Discharge Permit & Water Reclamation Requirements
- California Code of Regulations: Title 22 Recycled Water Criteria
- State Water Board General Order for Biosolids

2017 Excursion Summary:

Non-compliant Events	Description	Cause
9 Periods of Underdisinfection: UV Dosage <100 mJ/cm ²	Duration from 3 -15 minutes, Total Duration=70 minutes	Maintenance Issues (3), Power Outages (1), Programming Issues (3), Filter Effluent Turbidity (1), Unstable Power during Fire (1)
1 Period of No Disinfection	1 hour duration	Unstable Power during Fire
Discharge Outside Discharge Season (Prohibited between: May 15-Sept 30)	Leakage from Delta Pond into Santa Rosa Creek observed on June 30, 2017	Leaks from Butterfly Valve, Slip-lined Transition from prior to current discharge system & magnetic flow meter

Air Quality/Emissions

Applicable Rules & Regulations:

- LTP Title V Air Quality Permit
- California Air Resources Board (Portable Equipment)
- Bay Area Air Quality Management District: Rules & Regulations
 - Permits to Operate

Air Quality/Emissions cont.

2017 Excursion Summaries:

Title V Air Quality Permit

Requirement	Description	Non-Compliant Events	Impact
Abatement of Digester Gas	Combustion by CHP Engines to Abate Gas	Unabated Release: 3/15/2017, 4 hr/44 min	NOV issued, \$4,000 Fine
		Unabated Release: 8/09/2017, 2 hr/45 min	NOV issued, Fine \$ TBD

Brown Farm–Aboveground Gasoline Tank, Permit to Operate

Requirement	Description	Non-Compliant Events	Impact
Permit to Operate (PTO)	Annual Source Testing required for renewal	Operation with expired PTO. (No 2016 annual source testing - conducted in 2017)	NOV issued, \$1,500 proposed Fine.

Hazardous Materials & Waste Management

Applicable Rules & Regulations:

- CA Dept. of Toxic Substances Control/Certified Unified Program Agency (CUPA)
(re: Hazardous Materials Storage & Hazardous Waste Generation/Disposal)

2017 Excursion Summary:

Requirement	Description	Non-Compliant Events	Impact
Annual Certification of Monitoring Equipment	Required for Underground Fuel Storage Tank	Annual certification not timely performed. (due in October)	NOV issued on 11/27/2017.

Emerging Regulatory Issues/Opportunities

- Permit Renewals: LTP NPDES Permit, Title V Air Permit
- Russian River Pathogen TMDL
- Laguna de Santa Rosa Nutrient TMDL
- Transition to State General Order for Recycled Water Use
- Contaminants of Emerging Concern

Questions?

Thank you.



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