

# **Raleigh Water Resource Recovery Division**

## **2019 Environmental Management System Performance Report**

### **Regulatory Compliance:**

- 100% regulatory compliance by NRRRF, LCRRF, & SCRRF
- All of the City's biosolids contractors achieved 100% compliance with City contract requirements
  - Contractor activities include hauling, spreading, and composting. Routine observations are performed by City staff to ensure contractor adherence to applicable regulations.
- All biosolids produced and distributed met all EPA 40 CFR 503 compliance requirements
- NRRRF, SCRRF, and LCRRF received Platinum awards from the National Associations of Clean Water Agencies (NACWA) for 100% regulatory NPDES compliance
- Received recertification of ISO 14001 EMS

### **FY2020 Targets & Objectives**

- 100% of established objectives and targets are on target or were completed

### **FY 2021 Objectives and Initiatives**

- Provide staff remote access to relevant electronic documents
- Educate public stakeholders about actions being taken to reduce transient odor impacts
- Reduce energy intensity
- Reduce waste
- Monitor, measure, and maintain risk aversion plans and strategies (SPCC, SPPP, dam EAP, and CSCR)
- Identify rate of potential needed expansion and/or I & I assessment at LCRRF
- Monitor contaminants of emerging concern
- Maintain 100% regulatory compliance/certifications for all Resource Recovery Division facilities

### **Internal and Interim Audits**

Internal audits help identify strengths and weaknesses of the environmental management program and allow for opportunities to improve the system. Nine internal audits were conducted in 2019 on Control of Contractors; LCRRF Sample Collection; SCRRF Sample Collection; NRRRF Operations Sample Collection; Risks & Opportunities; Operational Controls; Environmental Impacts & Aspects; Biosolids Use; and Internal/External Communication to verify that these processes were functioning effectively and as intended. Findings identified during these audits were addressed through the corrective action process.

The ISO 14001:2015 EMS requires the environmental management system be re-verified every three years with annual surveillance audits conducted in the years between re-verification audits. The third-party audit was conducted in mid-February 2020. During this year's audit, one minor nonconformity and two opportunities for improvement were identified. The nonconformity was addressed through the corrective action process.

If you would like more information on the Environmental Management System or the audit, please contact Emily Fentress at 919-996-3680 or [emily.fentress@raleighnc.gov](mailto:emily.fentress@raleighnc.gov).

Additional information may also be found on our website at <https://raleighnc.gov/services/content/PubUtilAdmin/Articles/Biosolids.html#paragraph--219731>