

D

Appendix D

National Pollutant Discharge Elimination System Noncompliance Summaries for 2023

D.1. East Tennessee Technology Park

The East Tennessee Technology Park program was 100 percent compliant with the numerical permit limits during 2023. ETTP's NPDES storm water permit in effect during 2023 (TN0002950) was issued on February 4, 2022, and became effective on April 1, 2022. Compliance was determined by more than 95 laboratory analyses, field measurements, and flow estimates.

D.2. Y-12 National Security Complex

The Y-12 National Security Complex was nearly 100 percent compliant with the NPDES permit limits in 2023. Approximately 4,100 data points were obtained from sampling required by the NPDES permit. Y-12's NPDES permit (TN0002968) was issued on August 5, 2022, and became effective on October 1, 2022. The new permit is currently under appeal in part, and settlement negotiations are ongoing.

D.3. Oak Ridge National Laboratory

In 2023, compliance with the Oak Ridge National Laboratory NPDES permit was determined by approximately 1,736 laboratory analyses and field measurements. ORNL wastewater treatment facilities achieved a numeric permit compliance rate of 99.9 percent in 2023. One *Escherichia coliform* exceedance occurred in June 2023 at X01 (Sewage Treatment Plant) due to an operational issue with the disinfection system ozone diffuser. The diffuser has since been fixed. A renewed NPDES permit was issued for ORNL in May 2019 from TDEC. Several conditions in the permit were appealed, and others were addressed in permit modifications issued in December 2022 and February 2023. Another minor modification was scheduled to become effective on March 1, 2023, but some conditions were appealed and remained unresolved in 2023. An NPDES permit renewal application was submitted to TDEC in June 2023, and until a new permit is issued, the February 2023 permit, which expired December 31, 2023, has been administratively extended.