

D

Appendix D

National Pollutant Discharge Elimination System Noncompliance Summaries for 2022

D.1. East Tennessee Technology Park

The East Tennessee Technology Park program was 100 percent compliant with the numerical permit limits during 2022. The previous ETPP NPDES permit in effect during the first months of 2022 became effective on April 1, 2015, and expired on March 31, 2020, but the expired permit continued in effect until the new permit was issued by the State of Tennessee. The new permit was issued on February 4, 2022, and became effective on April 1, 2022.

D.2. Y-12 National Security Complex

The Y-12 National Security Complex was 100 percent compliant with the NPDES permit limits in 2022. Approximately 3,400 data points were obtained from sampling required by the NPDES permit. Y-12's NPDES permit in effect during part of 2022 (TN0002968) was issued on October 31, 2011, and became effective on December 1, 2011. A modification was effective in May 2014. It expired on November 30, 2016. A new permit was issued on August 5, 2022, and became effective on October 1, 2022.

D.3. Oak Ridge National Laboratory

In 2022, 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 100 percent in 2022. In October 2022, water from a potable water line break in the 7000 Area was released into White Oak Creek and caused aquatic species mortality (a total of 141 fish, 11 salamanders, and 13 aquatic worms). This incident was reported as a noncompliance with narrative criteria in the permit. ORNL had received a renewed NPDES permit in May 2019. Several conditions in the permit were appealed and were addressed in a reissued permit in December 2022.