

D

Appendix D

National Pollutant Discharge Elimination System Noncompliance Summaries for 2020

D.1. East Tennessee Technology Park

The East Tennessee Technology Park program was 100 percent compliant with the numerical permit limits during 2020. The current ETPP National Pollution Discharge Elimination System (NPDES) permit was effective on February 1, 2015 and was set to expire March 31, 2020. The permit renewal application was submitted to Tennessee Department of Environment and Conservation on September 18, 2019. The current permit will continue in effect until a new permit is issued by the State of Tennessee.

D.2. Y-12 National Security Complex

The Y-12 National Security Complex was 99.8 percent compliant with the NPDES permit in 2020. Approximately 2,600 data points were obtained from sampling required by the NPDES permit, and five noncompliances were reported.

D.3. Oak Ridge National Laboratory

In 2020, compliance with the Oak Ridge National Laboratory NPDES permit was determined by approximately 1,800 laboratory analyses and field measurements. The NPDES permit limit compliance rate for all discharge points for 2020 was greater than 99 percent. There was one nonnumeric permit noncompliance at ORNL for a wastewater treatment facility in June 2020 when the annual whole effluent toxicity test for the Sewage Treatment Plant (Outfall X01) did not pass the NPDES permit limit of more than 44.3 percent effluent for fathead minnow (*Pimephales promelas*) survival and reproduction. A follow-up test seven days later indicated the effluent was back in compliance.