

## **BSFR FAQ Sheet**

Web Page: <https://www.tn.gov/environment/program-areas/rh-radiological-health1/rh-bulk-survey-for-release.html>

1. What does BSFR stand for?
  - BSFR stands for Bulk Survey for Release
2. How is BSFR waste categorized at a landfill?
  - BSFR waste is classified as solid waste
3. What is the BSFR Program?
  - The BSFR program is a regulatory framework for licensed facilities with a standardized DRH licensed process to analyze materials with extremely low levels of radioactive contamination to allow disposal specified Class I landfills as solid waste.
4. How is BSFR compliance verified at these licensed processors?
  - DRH performs radioactive material license inspections of all waste processors, including those with authorization for disposition of solid wastes that have passed through the BSFR program. During inspections, DRH observe the activities performed by the waste processors and reviews their procedures to verify the adequacy of program.
5. What types of material are eligible for disposal as BSFR?
  - Examples of materials eligible to be analyzed under the program are domestic bulk materials such as building rubble, metals, soils, asphalt, paper, plastics, and wood.
6. Has DRH ever been involved in leachate testing for radiation at BSFR Landfills?
  - Yes. The results of the landfill leachate samples analyzed by the state of Tennessee show no difference in the radioactivity levels between landfills that accept BSFR and those that have not.
7. Does DRH continue to monitor landfill leachate?
  - Yes. DRH collects and analyzes sludge from the Public Wastewater Treatment Facilities that receive the landfill leachate for processing.
8. Has DRH ever performed surveys at BSFR Landfills?
  - Yes. DRH performed gamma dose rate surveys at the 5 landfills in Tennessee that were approved to receive BSFR waste and found no difference between the dose rates at the BSFR landfills as compared to a non-BSFR landfill.
9. Has Low Level Radioactive Waste, LLW, ever been allowed for disposal at a Tennessee BSFR Landfill?
  - No. LLW is not and has never been permitted for disposal at a BSFR landfill. This LLW can only be disposed of in a Licensed Disposal facility, none of which are in Tennessee.