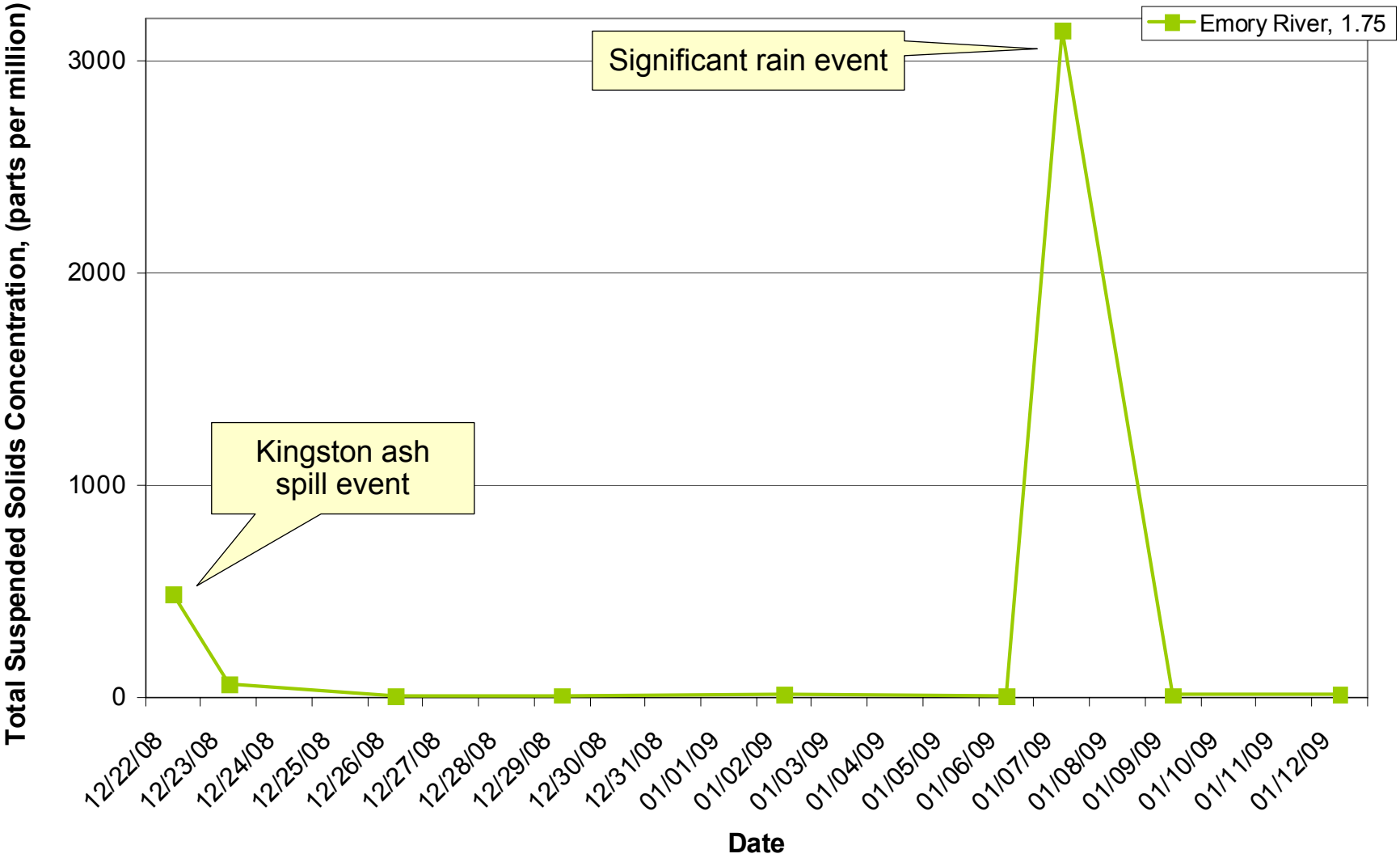
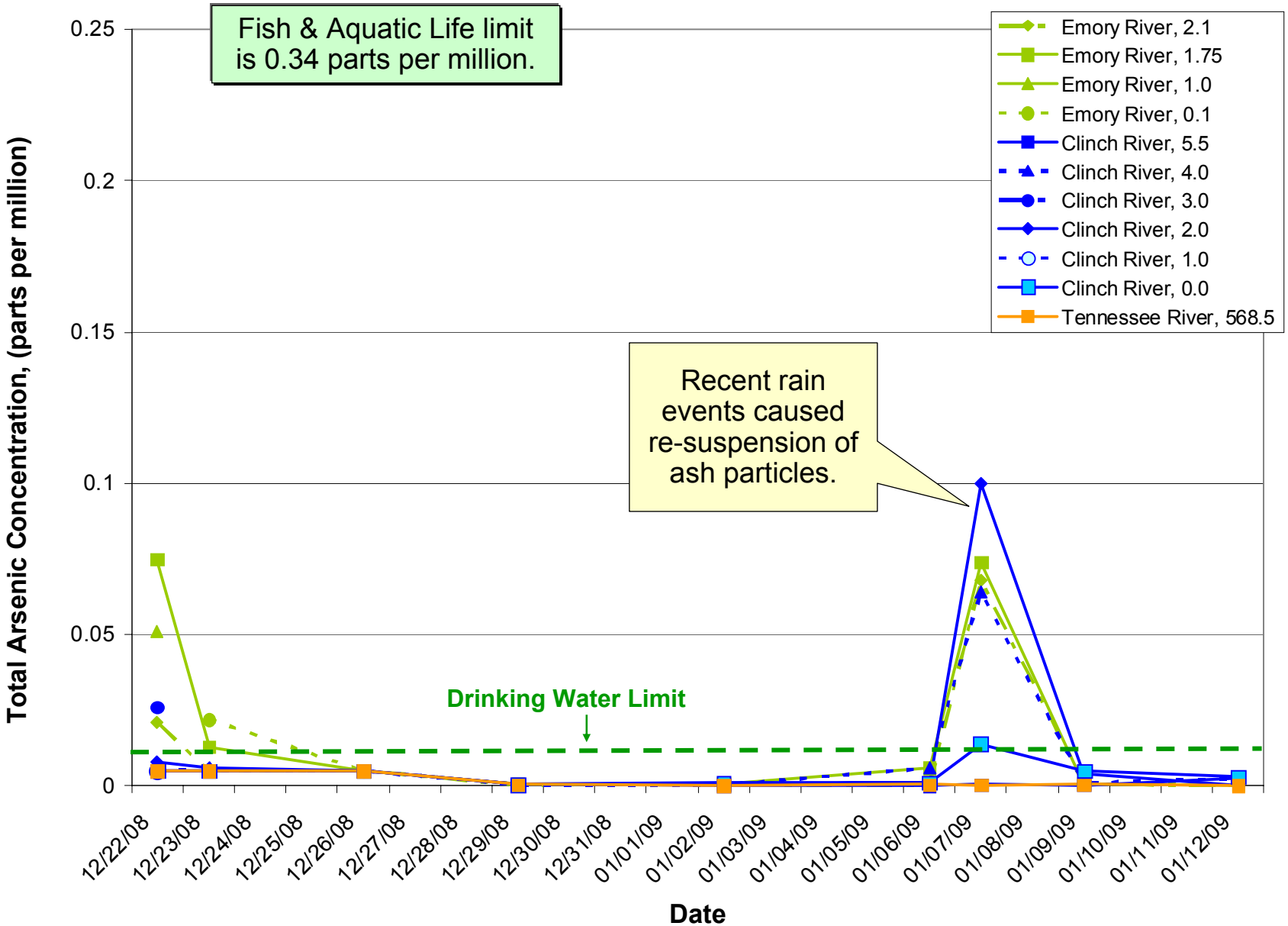
River Water Sampling Results

- Following the release, TVA has sampled the river water at numerous locations on the Emory, Clinch, and Tennessee River.
- The following slides show total suspended solids (TSS) and metals results for these downstream river locations.
- The TSS and ash related metals were elevated after the ash slide (12/22/08), then decreased as ash discharge subsided and released ash settled.
- After a heavy rainfall on 01/06/09, the values elevated due to resuspension of ash particles.
- Except for these two events, the untreated river water has met drinking water standards for metals.
- Metals are removed in the normal water treatment process.

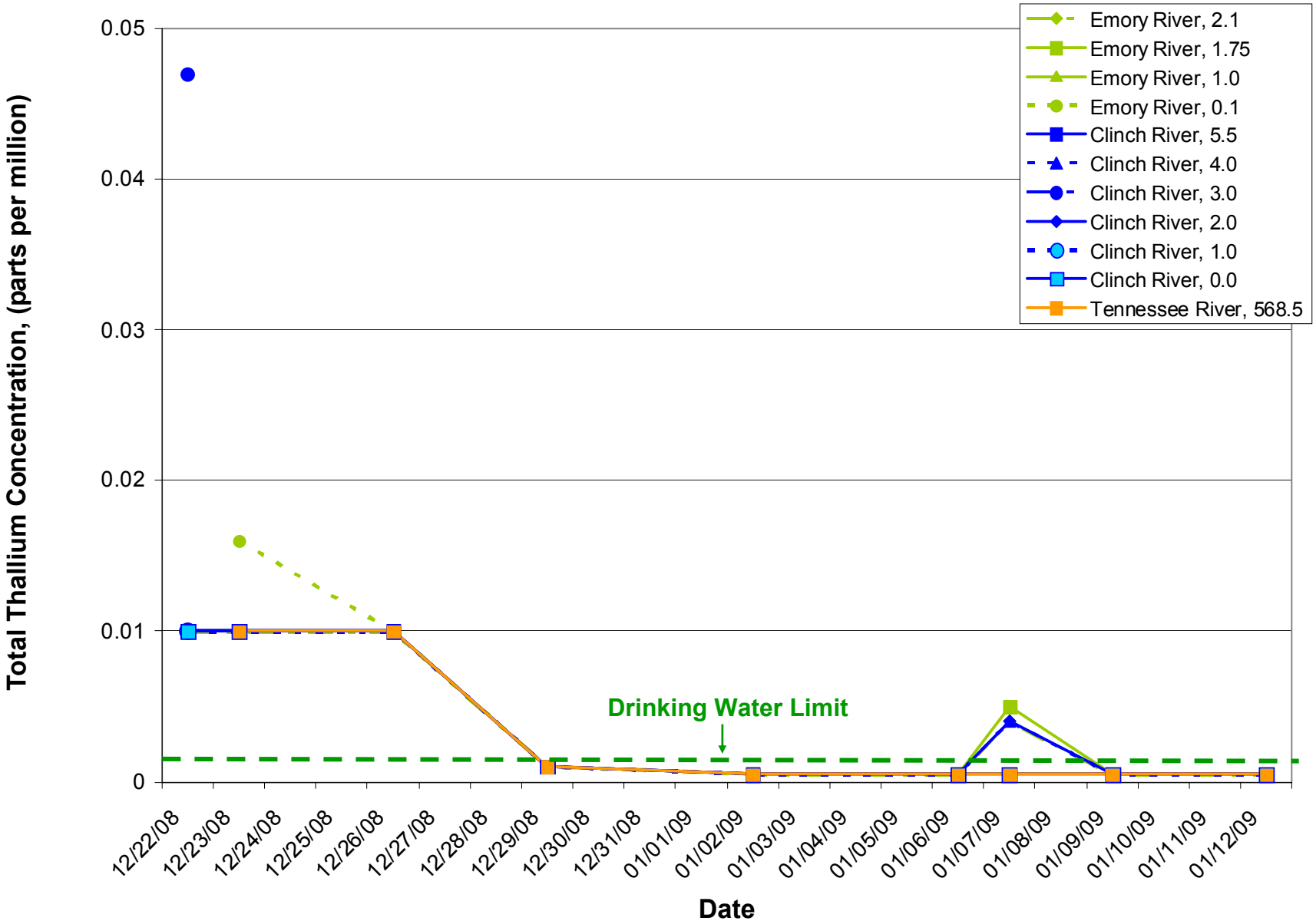
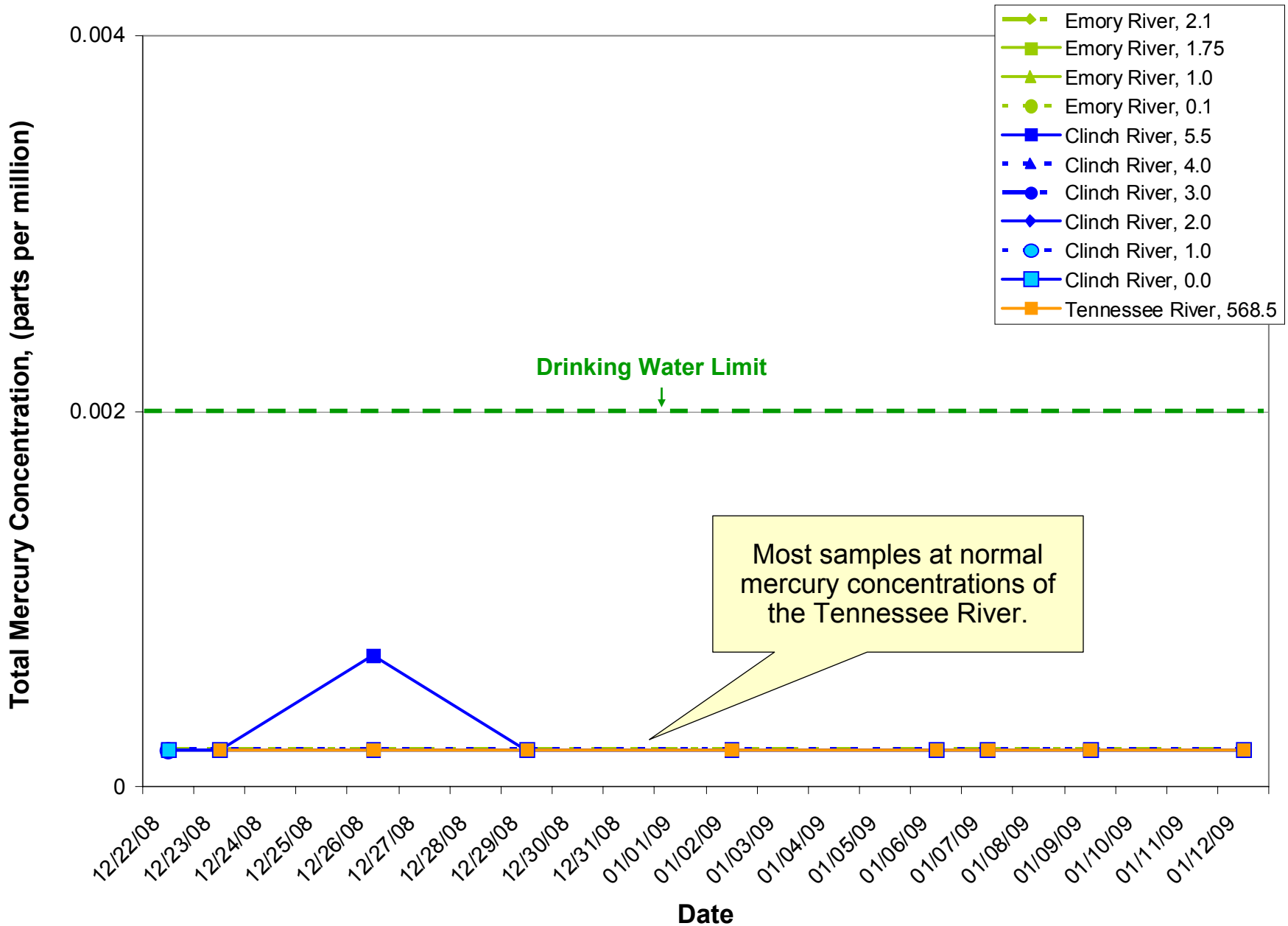
Total Suspended Solids Levels in Untreated River Water Samples



Arsenic Levels in Untreated River Water Samples



Thallium Levels in Untreated River Water Samples



Mercury Levels in Untreated River Water Samples