

EMERGING CONTAMINANTS INVESTIGATION CHECKLIST FOR POTWs



Department of
Environmental
Conservation

- Collect and analyze samples, or otherwise obtain concentrations (i.e., request concentrations directly from water supplier), for the detected emerging contaminants within the collection area's drinking water supply.
- Inventory all industrial users contributing to the treatment plant. This should include identification of industrial users, estimated daily flows, and their associated Standard Industrial Classification (SIC) code.
- Prioritize industrial users based on their contributing flow and whether their discharge is associated with one of the SIC codes identified in TOGs 1.3.13, Appendix A.
- Inventory and evaluate additives used during plant operations (e.g., polymers, water treatment chemicals) that could add detected emerging contaminants.
- Collect and analyze samples, or otherwise obtain concentrations (i.e., request discharge concentrations directly from industrial user), for the detected emerging contaminants in the wastewater from industrial users.
- Evaluate if industrial users shown to have detections can eliminate or minimize contributions of detected emerging contaminants.
- Evaluate if additives used during plant operations can be eliminated or substituted (if necessary).
- Implement any additive eliminations or substitutions determined possible.
- Continue to monitor progress.