

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 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 the document "SIC codes potentially associated with Emerging Contaminants" available here: <https://dec.ny.gov/environmental-protection/water/emerging-contaminants>.
- 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.