

## Existing Source Requirements

### Plan Requirements:

- Submit two hard copies of plumbing plans that include layout, placement, fixtures, and scale to the City of Bloomington Utilities (CBU) for installation approval no later than July 1, 2019.
- Contact the Monroe County Building Department for permits and requirements on proper installation.

### By July 14, 2020:

- Install, operate, and maintain one or more amalgam separators meeting the requirements:
  - ISO Standard: 11143 or comparable version with at least a 95% removal efficiency.
  - Sized appropriately to accommodate for the maximum discharge rate.
  - Must be inspected and maintained as often as described in the manufacturing operations manual to confirm that all amalgam process wastewater is flowing and the separator is working properly.
  - Separator must be repaired or replaced within 10 days of malfunction discovery.
- Implement required best management practices (BMPs):
  - Waste amalgam from chair-side traps, screens, vacuum, dental tool, collection devices, etc. may not be discharged into the sanitary sewer system.
  - Oxidizing or Acidic cleaners with a pH lower than 6 or greater than 8 may not be used in water lines, chair-side traps, or vacuum lines.

### Must comply with the following reporting requirements:

- Submit a onetime compliance report, provided by CBU, by October 12, 2020 or 90 days after transfer of ownership.
  - Compliance report will include: facility name, physical address, mailing address, contact information, name of the owner(s)/operator(s), total number of chairs, number of chairs in which dental amalgam could contaminate wastewater, description of amalgam separator including the make, model, and year of installation, certification that the device will be properly monitored and maintained, certification that BMPs will be upheld, and the name of the third-party service provider that operates and maintains including clean outs.
- Maintain readily available log records for a minimum of three years. Log forms provided by CBU.
  - Cleaning Log to document all dates that dental amalgam is picked up or shipped for proper disposal.
    - Includes: date, time, cleaned by, witnessed by, estimated volume removed, waste disposal location, comments, and date shipped.
  - Repair and Replace Log to document container replacement, or any repairs or replacing of the amalgam separator itself.
    - Includes: date, person making repair or replacement, description of repair or replacement, and amalgam separator make and model.
  - Inspection Log to document the inspection and the result of the inspections.
    - Includes: date, name of inspector, result of inspection, and follow up summary.