

The 51 segments of industry affected by the EPA's effluent guidelines are listed in Appendix 2.1. Those segments subject to new or updated regulations have already been identified.

## **REGULATED POLLUTANTS**

There are two main categories of pollutants regulated by the EPA:

- conventional pollutants such as biological oxygen demand (BOD<sub>5</sub>), suspended solids (SS), pH, oils and greases, and micro-organisms (coliforms);
- inorganic toxic such as heavy metals, and organic toxic including dioxins, PCBs and solvents; the list of priority toxic pollutants is given in Appendix 2.3.

## **TYPES OF TECHNOLOGY**

A thorough review of the technologies applicable to industrial wastewater would go beyond the scope of this study. Still, certain technological trends are apparent and should be pointed out:

- **Reduction at source**  
This includes any process or equipment designed to reduce or even eliminate pollutant formation in the first place, as opposed to recycling or recovery.