Appendix E. Scheme for the Proper Handling of all Chemical Wastes.

**Chemical Treatment Scheme**

- **Chemicals are collected by type.**
  - **Recovered Heavy Metal Solutions**
    1. Metal-containing solutions are collected.
    2. The pH is raised to 10 to precipitate the metals.
    3. The precipitate is allowed to settle for several days.
    4. The supernatant is drained to Acids & Bases Treatment.
    5. The sludge is collected in waste bottles and sent to a professional waste handler.
  - **Recovered Acids & Bases Solutions**
    1. Acids and Bases solutions are collected together. (No concentrated acids or bases!)
    2. The pH is adjusted to between 5 and 9.
    3. The solution is safely discarded down the drain.
  - **Recovered Organic Solutions**
    1. Organic solvents are collected. (Small quantities of methanol, ethanol and propanol can be discarded down the drain.)
    2. Recovered organics go to a professional waste handler.