

Chemical Usage

General Description

- ❖ The chemical usage category primarily encompasses the use in research and development of small quantities of various chemicals throughout the Laboratory. Usage occurs in hundreds of different areas within the Laboratory. Activities may occur indoors under lab hoods, in open areas of buildings, or outdoors.
- ❖ Regulated chemicals brought on-site are entered into a facility-wide chemical inventory-tracking database. The database is used to conservatively estimate air emissions of regulated pollutants.
- ❖ Examples of chemicals used at the Laboratory include hydrochloric acid, ethylene glycol, and methanol.

Applicable Requirements

- ❖ Currently no existing EPA or NMED air quality requirements apply to chemical usage.

Proposed Monitoring, Recordkeeping, and Reporting

- ❖ Monitoring/Recordkeeping: Maintain records of chemical purchasing through the facility-wide tracking system.
- ❖ Reporting: Submit a semi-annual emissions report and monitoring report to the NMED.

Comparison of Chemical Usage and LANL Emissions

