Department of Public Health Ord. No. 972-2025

Burke Lakefront Airport
Council Summary

Background/Purpose:
This legislation authorizes the Director of Public Health to enter into one or more agreements with the Ohio Department of Health to reimburse Cleveland Department of Public Health for monitoring radiation levels in the vicinity of the Burke Lakefront Airport.

Environmental surveillance for Ohio Department of Health in Cleveland consists of a continuous low-volume air sampler located at the Burke Lakefront Airport. This air sampler provides data on levels of environmental radioactivity in the air in a major population area located between the Davis-Besse Nuclear Power Station in Ottawa County and Perry Nuclear Power Plant in Lake County. This sampler is not co-located with any utility sampler.

The Cleveland Division of Air Quality will collect and submit to its contract laboratories for analysis samples taken from the monitor once per week.

The day of the week for filter removal and processing will be Tuesday unless otherwise directed by the contracting agency. In accordance with established sampling procedures, filter papers and charcoal canisters are changed weekly by Cleveland Division of Air Quality monitoring personnel. The filters and canisters are then shipped by carrier to the Ohio Department of Health Laboratory located in
Reynoldsburg, Ohio, for analysis. At the laboratory, gross beta analysis is performed on each filter paper. The weekly filter papers are composited for a quarterly gamma isotopic analysis. The charcoal canisters are analyzed for the presence of iodine-131 (I131). Time expected to complete the required sampling task is approximately 4 hours.

Estimated amount of reimbursement: $31,659.00

Term: For a period of two years
Funding Source: Ohio Department of Health, Bureau of Environmental Health and Radiation Protection