



Love Canal, Niagara Falls, New York

Facility

Much-publicized canal used as a waste disposal area beginning in the 1950's.

Problem

Migration of DNAPL and dissolved-phase contaminants from the waste disposal area. Alleged human health impacts claimed to be result of exposure to chemicals emanating from the disposal area.

SSP&A's Role

Extensive involvement in litigation concerning Love Canal.
 Construction and application of ground-water flow model for the period of 1953-1978.
 Compilation and evaluation of nearly three decades of hydrogeologic, climatic, and site condition data.

Conclusions Presented in Litigation

The potential for contaminant migration for the waste disposal area via ground water was very limited during the study period (1953-1978).
 Soil and ground-water contamination adjacent to the waste disposal area was the result of DNAPL migration.