

AGENCY NAME:

Central New York Regional Planning and
Development Board (CNY RPDB)
100 Clinton Square
126 N. Salina Street, Suite 200
Syracuse, New York 13202
(315) 422-8276

TITLE OF PROJECT:

Source Water Protection: Central New York
Groundwater/Wellhead Study

TIME PERIOD OF PROJECT:

10/1/91 - 12/31/94

PROJECT LOCATION:

Sixteen (16) selected groundwater-dependent communities in the Central New York Counties of Cayuga, Madison, Onondaga, and Oswego

PROJECT CONTACT:

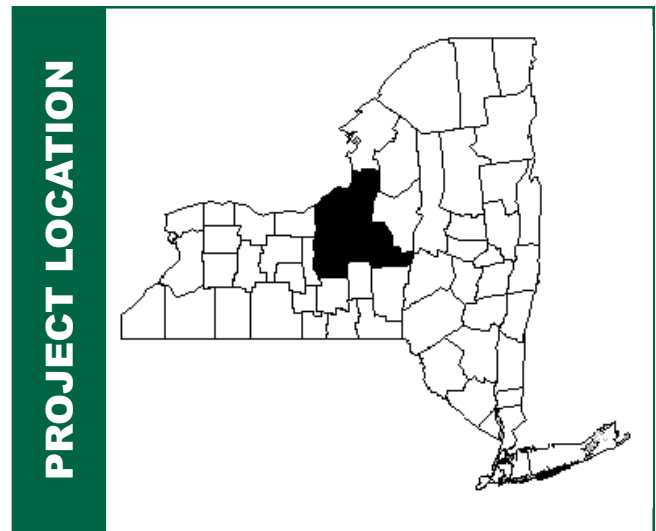
Pamela O'Malley - Program Manager

PROJECT DESCRIPTION(S):

Cooperating Agencies: Cayuga, Madison, and Oswego County Planning Departments, and the Onondaga County Water Quality Management Agency.

Purpose/Objective: To gather, consolidate, and map hydrogeologic information for delineation of wellhead, aquifer, and recharge areas; to collect and organize information and map land-uses and potential sources of contamination within a one-mile radius of municipal wells; and to develop locally specific management tools and wellhead protection recommendations.

Methods Employed: (1) Identify and map community water supply systems utilizing existing soils, hydrogeologic, and community water supply data within a one-mile radius of public wells; (2) identify and map an extensive inventory of existing land-



use activities and potential sources of groundwater contaminations; and (3) conduct analysis and develop recommendations based on primary threats, areas of significant concern, and future land-use impacts within the study areas.

Outputs: (1) USGS base scale (1:24,000) map-overlays for each study area providing information on wellhead, aquifer, and recharge areas, existing land-uses, and potential contaminations sources within a one-mile radius of selected municipal wells; (2) detailed reports describing water supply systems, potential contaminants, and recommended wellhead protection/management tools for each of the sixteen selected study communities in the Region; and (3) compilation of groundwater protection tools from education to legislation.