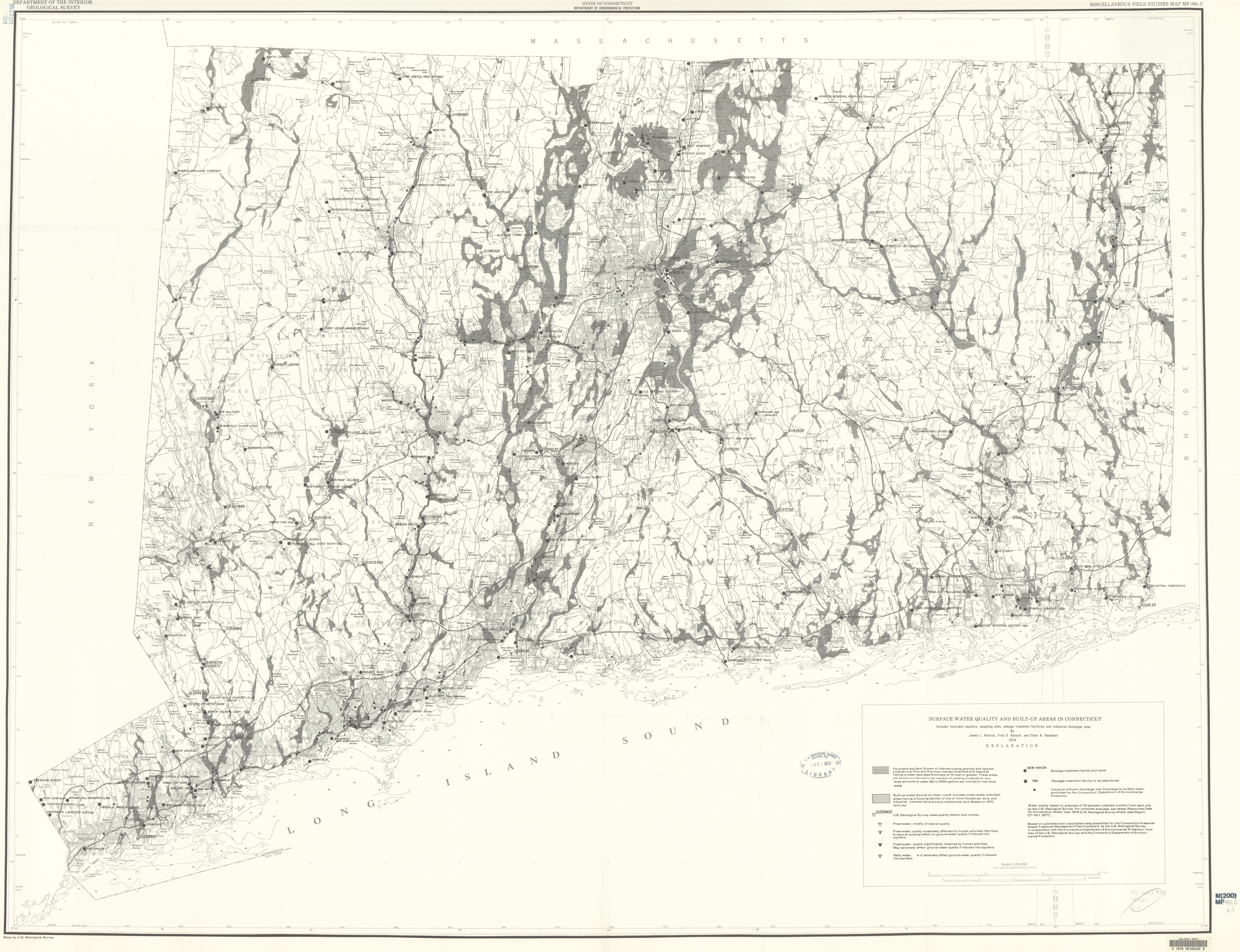
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MISCELLANEOUS FIELD STUDIES MAP MF-981-C



M A S S A C H U S E T T S
N E W Y O R K
R H O D E I S L A N D
L O N G I S L A N D S O U N D
CONNECTICUT NEW YORK
73°45'
73°
72°
71°45'
42°
41°
350 000 FEET
850 000 FEET
450 000 FEET
50 000 FEET
UTM GRID ZONE 18
UTM GRID ZONE 19
NORTH CANAAN
NORFOLK
SALISBURY
CAMP JEWELL YMCA (Ground)
SHARON DRAINAGE COMPANY
GOSHEN CENTER SCHOOL (Ground)
WOODRIDGE LAKE (Ground)
CONN JR REPUBLIC
TORRINGTON
TORRINGTON - BURRVILLE
WINSTED
NEW HARTFORD
01186800
01188000
01188085
01189120
01189030
01189995
CANTON
OLD AVON FARMS SCHOOL
GRANBY (Ground)
SIMSBURY
FARMINGTON
PLAINVILLE
BRISTOL - FORESTVILLE
BRISTOL - MAIN
PLYMOUTH
THOMASTON
LITCHFIELD
KENT
SANDY BEACH ASSOC. (Ground)
SUNNERY SCHOOL
01200600
NEW MILFORD
KIMBERLY - CLARK CORP.
01203000
BURNHAM SCHOOL
WOODLAKE
WOODBURY VILLAGE, INC. (Ground)
HERITAGE VILLAGE
SOUTHBURY TRAINING SCHOOL
01201700
01201485
01204510
FABRIC FIRE HOSE
NEWOWN MIDDLE SCHOOL
FAIRFIELD HILL STATE HOSPITAL
DANBURY
BETHEL
01205500
KING NEPTUNE RESTAURANT (Ground)
BENRUS CORP.
RIDGEFIELD
01208990
01209570
01209572
01209600
ROLLING HILLS COUNTRY CLUB (Ground)
SISTERS OF NOTRE DAME
PERKIN - ELMER CORP. - TBA
CALDOR
NEW CANAAN
WESTPORT
NORWALK
STAMFORD CATHOLIC HIGH SCHOOL
NEWFIELD SCHOOL
TRANS LUX CORP.
HOLIDAY INN
MBI INC.
WEE BURN COUNTRY CLUB
AMERICAN CAN CO.
AVCO COMPANY
ROUND HILL COUNTRY CLUB
FAIRVIEW COUNTRY CLUB
CATHOLIC MIDDLE SCHOOL
GREENWICH LAURETON NURSING
STAMFORD
01209910
GREENWICH
FAIRFIELD
BRIDEPORT West Side
BRIDGEPORT East Side
BUNKER RAMO CORP (Ground)
STRATFORD
01208828
MILFORD - Harbor
MILFORD - Gulf Pond
MILFORD - Town Meadows
MILFORD - Beaver Brook
WATERTOWN
WATERBURY
NAUGATUCK
01208500
BEACON FALLS
SEYMOUR
ANSONIA
01208736
01205551
DERBY - SHELTON
CHESHIRE
01196222
CHESHIRE CORRECTIONAL CENTER (Ground)
MERIDEN
COLONY PLAZA
01196500
WALLINGFORD
PRATT AND WHITNEY AIRCRAFT
01196530
NORTH HAVEN
NEW HAVEN - East St.
NEW HAVEN - Boulevard
NEW HAVEN - East shore
01196656
WEST HAVEN
BRANFORD
CHEESEBROUGH POND INC.
HAMMONASSETT STATE PARK
PRATT, READ and Co.
BLACK SWAN MARINA
CONN. CORRECTIONAL INSTITUTE
WOODLAND TRAILER SALES - TBA
HOWARD JOHNSON (Ground)
NEW LONDON
GROTON (City)
GENERAL DYNAMICS
GROTON (Town)
TRUMBULL AIRPORT - TBA
AVERY POINT - TBA
SEASIDE REGIONAL CENTER - TBA
U.S. NAVY
MONTVILLE
MYSTIC ORAL SCHOOL (TBA - Ground)
STONINGTON - MYSTIC
STONINGTON - BOROUGH
STONINGTON - PAWCATUCK
01118525
LIFETIME HOMES
NORWICH STATE HOSPITAL - TBA
01127701
NORWICH
01127500
FIELD MEMORIAL SCHOOL
SPRAGUE
JEWETT CITY
01127000
PLAINFIELD VILLAGE
PLAINFIELD NORTH
KILLINGLY
01125720
POMFRET SCHOOL (Ground)
PUTNAM
01125200
THOMPSON
01125150
MARIANAPOLIS PREP SCHOOL
WILLIMANTIC
01122001
01122610
UNIVERSITY OF CONNECTICUT
MANSFIELD STATE TRAINING SCHOOL
01119375
STAFFORD
JOHNSON MEMORIAL HOSPITAL (Ground)
SOMERS STATE PRISON
ST. ALPHONSUS COLLEGE
01184000
ENFIELD
SUFFIELD
BRADLEY FIELD
EAST WINDSOR
WINDSOR LOCKS
BROAD BROOK
WINDSOR - POQUONOCK
COMBUSTION ENGINEERING
ALLEN MANUFACTURING
01190015
U.S. RESERVE CENTER
VERNON
SOUTH WINDSOR
01190045
01190069
01191510
EAST HARTFORD
01192516
HARTFORD
MANCHESTER
01192370
GLASTONBURY
ROCKY HILL
U.S. RESERVE CENTER
MATTABASSETT
01192911
PORTLAND
MIDDLETOWN
CONN. VALLEY HOSPITAL
PRATT AND WHITNEY
01193500
01193050
CHATHAM INN (Ground)
01193750

SURFACE WATER QUALITY AND BUILT-UP AREAS IN CONNECTICUT

Includes favorable aquifers, sampling sites, sewage treatment facilities and industrial discharge sites.

By

James L. Rolston, Fred S. Banach, and Elinor H. Handman

1978

EXPLANATION

▤	Favorable aquifers: Known or inferred coarse-grained and layered (coarse-over-fine and fine-over-coarse) stratified-drift deposits having a water saturated thickness of 10 feet or greater. These areas are known or inferred to be capable of yielding moderate to very large amounts of water (50 to 2000 gallons per minute) to individual wells
▨	Built-up areas: Source of urban runoff. Includes urban areas, suburban areas having a housing density of one or more houses per acre, and industrial, commercial and some institutional land. Based on 1970 land use.
▽ 01209600	U.S. Geological Survey water-quality station and number
▽	Freshwater; chiefly of natural quality
▽	Freshwater; quality moderately affected by human activities. Not likely to have an adverse effect on ground-water quality if induced into aquifers.
▼	Freshwater; quality significantly impaired by human activities. May adversely affect ground-water quality if induced into aquifers.
▽	Salty water; will adversely affect ground-water quality if induced into aquifers.
⬢ NEW HAVEN	Sewage-treatment facility and name
⬢ TBA	Sewage-treatment facility to be abandoned
●	Industrial effluent discharge site: Discharge to surface water, permitted by the Connecticut Department of Environmental Protection.

Water quality based on analyses of 12 samples collected monthly from each site by the U.S. Geological Survey. For complete analyses, see Water Resources Data for Connecticut, Water Year 1976 (U.S. Geological Survey Water data Report CT-76-1, 1977)

Based on published and unpublished data assembled for the Connecticut Areawide Waste Treatment Management Planning Board by the U.S. Geological Survey in cooperation with the Connecticut Department of Environmental Protection, from files of the U.S. Geological Survey and the Connecticut Department of Environmental Protection.

Scale 1:125,000
1 inch equals approximately 2 miles

5 0 5 10 MILES
5 0 5 10 15 KILOMETRES

Base by U.S. Geological Survey

U. S. GEOLOGICAL SURVEY RESTON, VA. APR 1 0 1979 LIBRARY

M(200) 7997
1978r
c.1

M(200)
MF 981 C
c1

USGS LIBRARY - RESTON
3 1818 00185245 6