TOWN OF COLCHESTER, VT

KNOWN ON-SITE WASTEWATER DISPOSAL SYSTEM FAILURES LOCATION MAP

SCALE: 1"= 500'

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TOWN OF COLCHESTER
VERMONT

WASTEWATER MASTER PLANNING
PART II, PHASE I

NO.	DATE	REVISION DESCRIPTION	CHECKED

KNOWN ON-SITE
WASTEWATER DISPOSAL
SYSTEM FAILURES

DESIGNED KE	PROJECT NO. 96016
DRAWN CF	DRAWING NO. 5
CHECKED KE	
DATE JAN. 1997	SHEET 5 OF 5

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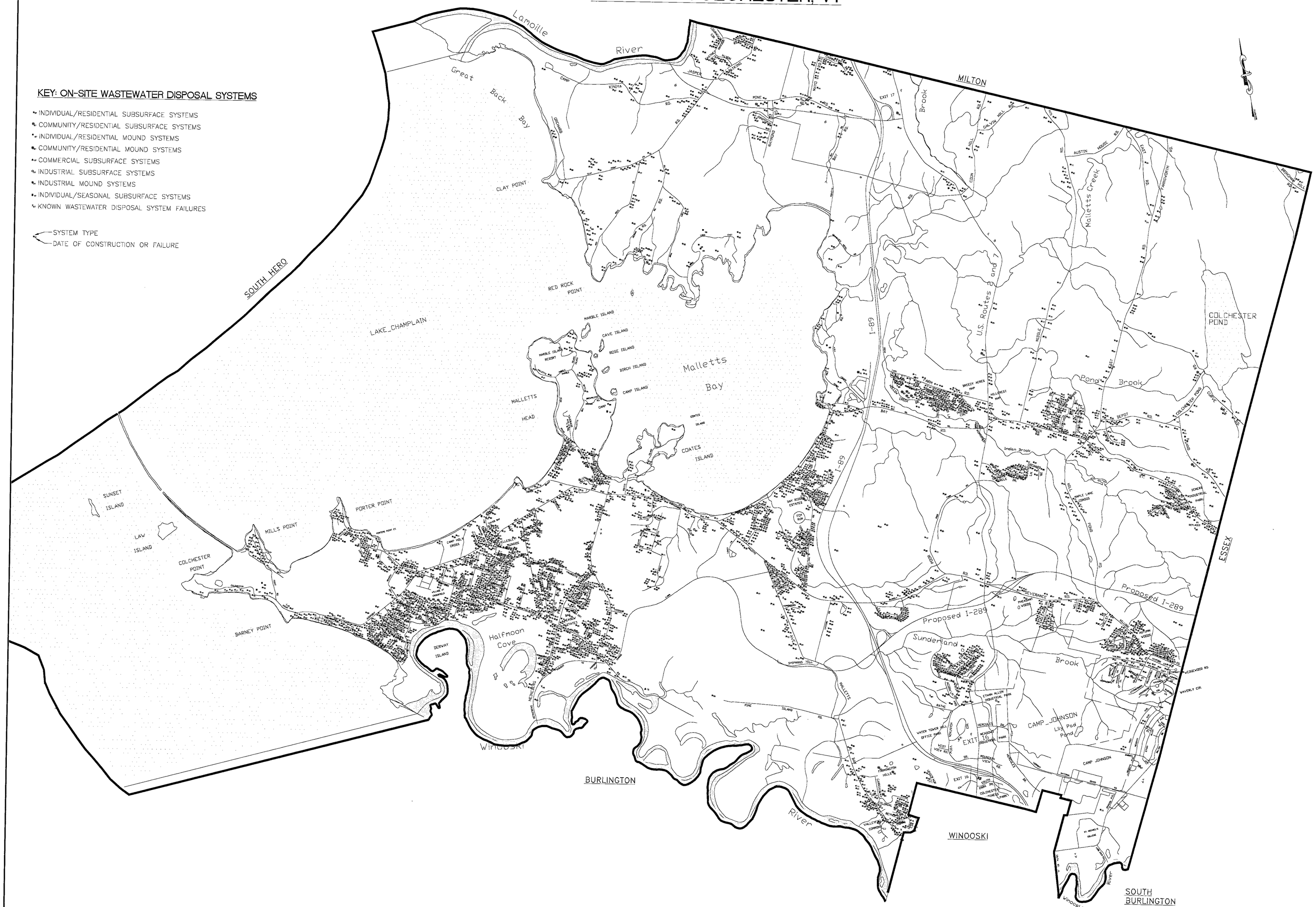
TOWN OF COLCHESTER, VT



KEY: ON-SITE WASTEWATER DISPOSAL SYSTEMS

- INDIVIDUAL/RESIDENTIAL SUBSURFACE SYSTEMS
- COMMUNITY/RESIDENTIAL SUBSURFACE SYSTEMS
- INDIVIDUAL/RESIDENTIAL MOUND SYSTEMS
- COMMUNITY/RESIDENTIAL MOUND SYSTEMS
- COMMERCIAL SUBSURFACE SYSTEMS
- INDUSTRIAL SUBSURFACE SYSTEMS
- INDUSTRIAL MOUND SYSTEMS
- INDIVIDUAL/SEASONAL SUBSURFACE SYSTEMS
- KNOWN WASTEWATER DISPOSAL SYSTEM FAILURES

SYSTEM TYPE
DATE OF CONSTRUCTION OR FAILURE

EXISTING PERMITTED ON-SITE WASTEWATER DISPOSAL SYSTEM LOCATION MAP

SCALE: 1"=500'

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PART II, PHASE I

NO.	DATE	REVISION DESCRIPTION	CHECKED

EXISTING ON-SITE WASTEWATER DISPOSAL SYSTEM LOCATION MAP

DESIGNED KE	PROJECT NO. 96016
DRAWN CF	DRAWING NO. 4
CHECKED KE	
DATE JAN 1997	SHEET 4 OF 5

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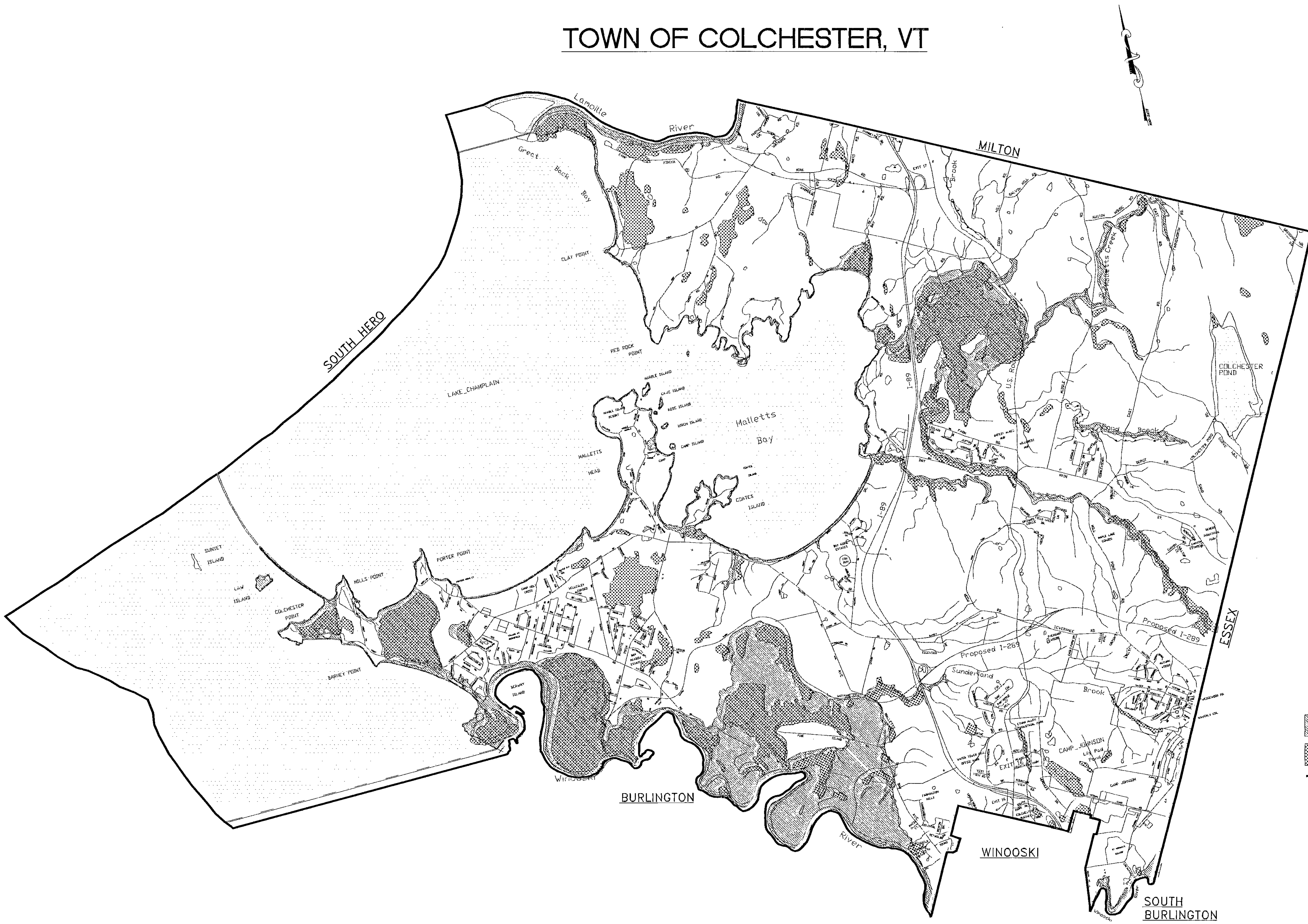
TOWN OF COLCHESTER, VT



WETLAND AND FLOOD PLAIN LOCATION MAP

SCALE: 1"=800'

LEGEND

- 100 YEAR FLOOD PLAIN PER FEMA FLOOD STUDIES
- STATE/FEDERAL LISTED WETLANDS
- TOWN BOUNDARY

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TOWN OF COLCHESTER
COLCHESTER, VERMONT

WASTEWATER MASTER PLANNING
PART II, PHASE I

NO.	DATE	REVISION DESCRIPTION	CHECKED

FEDERAL AND STATE-LISTED WETLAND AND FLOOD PLAIN LOCATION MAP

DESIGNED KCE	PROJECT NO. 96016
DRAWN BRR	DRAWING NO. 3
CHECKED	
DATE MARCH. 97	SHEET 3 OF 5

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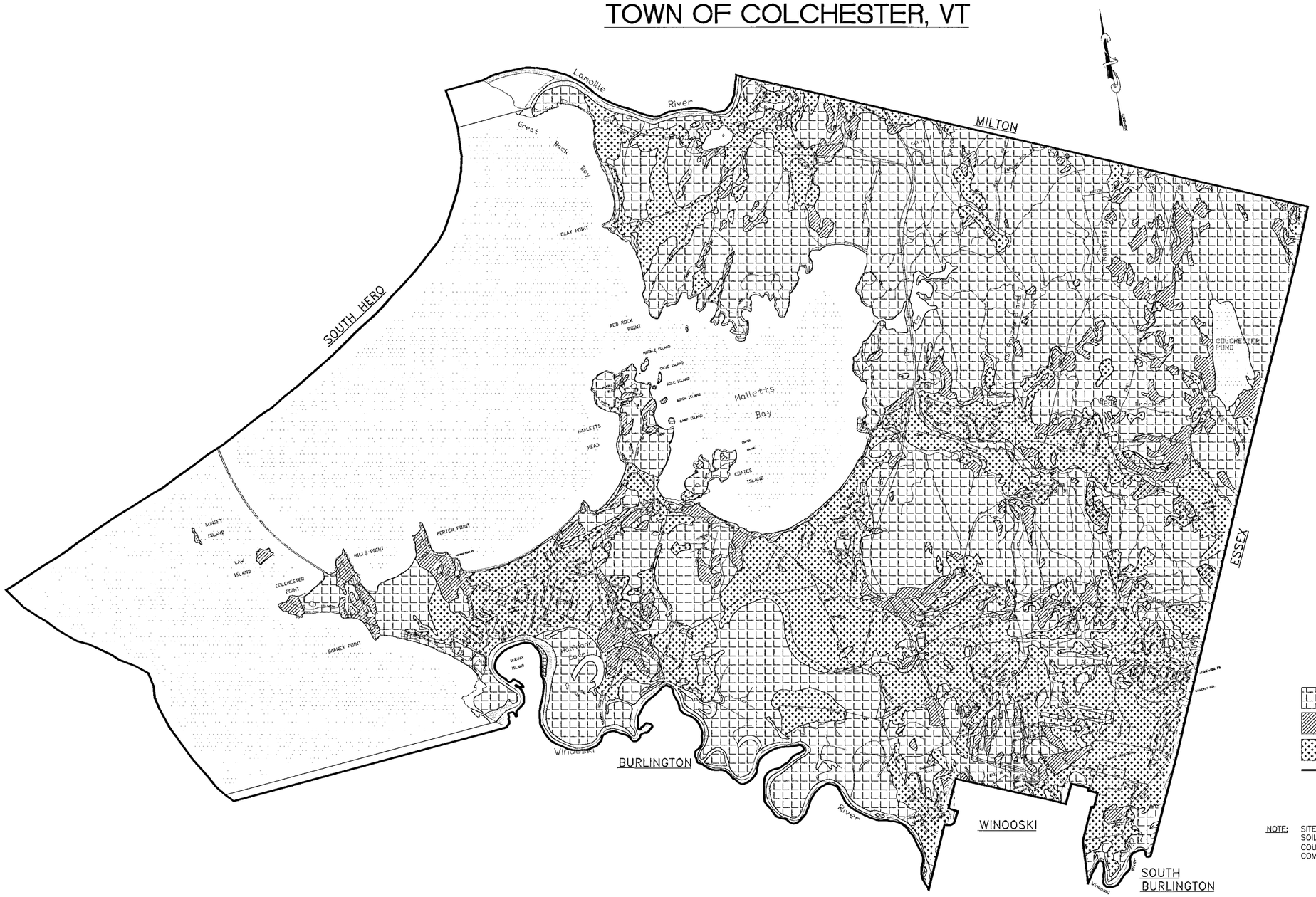
TOWN OF COLCHESTER, VT



LEGEND

- TYPICALLY UNSUITABLE FOR CONVENTIONAL SUBSURFACE DISPOSAL SYSTEMS
- TYPICALLY SUITABLE FOR DISPOSAL VIA MOUND WASTEWATER DISPOSAL SYSTEMS
- POTENTIALLY SUITABLE FOR CONVENTIONAL SUBSURFACE DISPOSAL SYSTEMS
- TOWN BOUNDARY

NOTE: SITE SUITABILITY BASED SOLEY ON INFORMATION FROM THE SOIL CONSERVATION SERVICE SOIL SURVEY OF CHITTENDEN COUNTY VERMONT ISSUED JANUARY 1974; FIELD WORK COMPLETED BETWEEN 1940 AND 1967.

SITE SUITABILITY FOR WASTEWATER DISPOSAL BASED ON SOILS CHARACTERISTICS

SCALE: 1"=800'

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TOWN OF COLCHESTER
COLCHESTER, VERMONT

WASTEWATER MASTER PLANNING
PART II, PHASE I

NO.	DATE	REVISION DESCRIPTION	CHECKED

SITE SUITABILITY FOR WASTE-WATER DISPOSAL BASED ON SOILS CHARACTERISTICS

DESIGNED KCE	PROJECT NO. 96016
DRAWN BRR	DRAWING NO. 2
CHECKED	
DATE MARCH. 97	SHEET 2 OF 5

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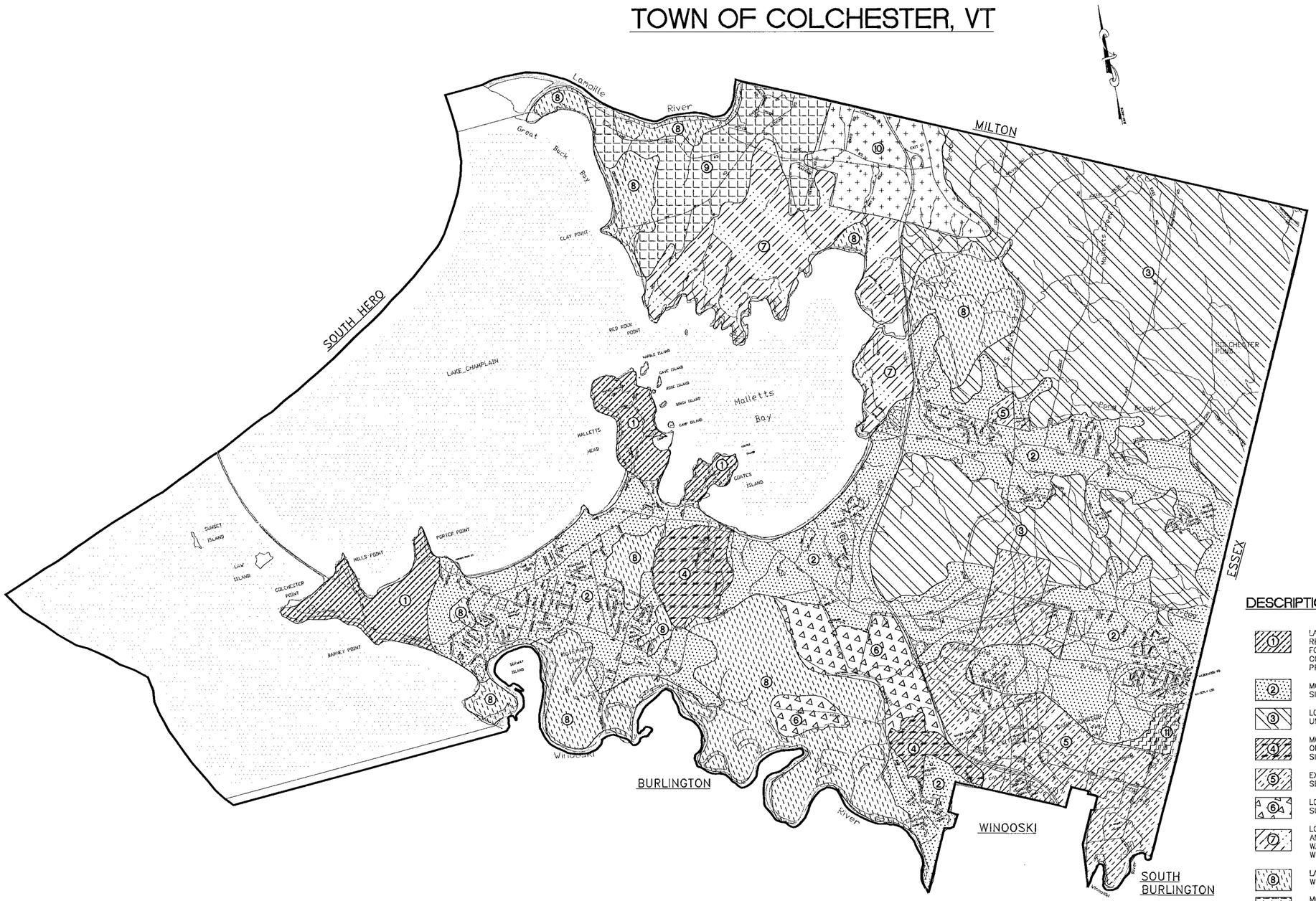
TOWN OF COLCHESTER, VT



DESCRIPTION OF WASTEWATER MANAGEMENT UNITS

1. LAKE SHORE AREAS WITH HIGH DENSITY YEAR ROUND AND SEASONAL RESIDENTIAL DEVELOPMENT. SITES TYPICALLY HAVE LIMITED CAPACITY FOR ON-SITE WASTEWATER DISPOSAL AND THE TREND TOWARD CONVERSION OF SEASONAL CAMPS TO YEAR ROUND RESIDENCES PRESENT SIGNIFIGANT SEWAGE DISPOSAL CONCERNS.
2. MODERATE AND HIGH DENSITY RESIDENTIAL AREAS WITH SOILS AND SITE CONDITIONS SUITABLE FOR ON-SITE WASTEWATER DISPOSAL.
3. LOW DENSITY RURAL AREAS WITH SOILS AND SITE CONDITIONS UNFAVORABLE FOR CONVENTIONAL ON-SITE WASTEWATER DISPOSAL.
4. MODERATE DENSITY RESIDENTIAL AREAS WITH LIMITED CAPACITY FOR ON-SITE WASTEWATER DISPOSAL DUE TO UNFAVORABLE SOILS OR SITE CONDITIONS.
5. EXISTING EXIT 16 WASTEWATER SERVICE AREA SERVED BY MUNICIPAL SEWER.
6. LOW DENSITY AGRICULTURAL LANDS WITH SOILS AND SITE CONDITIONS SUITABLE FOR ON-SITE WASTEWATER DISPOSAL.
7. LOW DENSITY FOREST LANDS ADJACENT TO MALLETS BAY WITH SOILS AND SITE CONDITIONS UNFAVORABLE FOR CONVENTIONAL ON-SITE WASTEWATER DISPOSAL. LAKESHORE AREAS CURRENTLY DEVELOPED WHITH A LOW DENSITY MIX OF SEASONAL AND YEAR ROUND HOMES.
8. LANDS LOCATED WITHIN FEDERAL OR STATE LISTED FLOOD PLAINS OR WETLANDS AREAS.
9. MODERATE DENSITY RESIDENTIAL AREAS WITH SOIL AND SITE CONDITIONS WHICH ARE MARGINALLY ADEQUATE FOR ON-SITE WASTEWATER DISPOSAL.
10. EXIT 17 DESIGNATED GROWTH CENTER. SOILS AND SITE CONDITIONS GENERALLY PRECLUDE USE OF CONVENTIONAL ON-SITE WASTEWATER DISPOSAL SYSTEMS.
11. FORT ETHAN ALLEN COMPLEX SERVED BY ESSEX TOWN MUNICIPAL SEWER AND VILLAGE OF ESSEX JUNCTION WASTEWATER TREATMENT FACILITY.

OPEN WATER

TOWN BOUNDARY

WASTEWATER MANAGEMENT BASE MAP

SCALE: 1"=800'

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PART II, PHASE I

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WASTEWATER MANAGEMENT BASE MAP

DESIGNED KCE	PROJECT NO. 96016
DRAWN BRR	DRAWING NO. 1
CHECKED	
DATE MARCH 97	SHEET 1 OF 5

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