Appendix 14-D

Wetland Data Sheets (originally completed/submitted by others)

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Lots 38.22 38.23 40.22 Date: July 2006

Applicant/Owner: David Dean County: ORANGE

Investigator: Robert G. Torgersen State: NEW YORK

Do Normal Circumstances exist on the site? (Yes) No
Is the site significantly disturbed (Atypical Situation)? Yes (No)
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.)

Community ID: _____
Transect ID: _____
Plot ID: _____

1.8 acre

VEGETATION

Dominant Plant Species	Stratum	Indicator
1. RED MAPLE	tree	Fac
2. Black Willow	tree	Facw+
3 Spice Bush	shrub	facw-
4. Grey Dogwood	shrub	fac
5. Impatiens	forb	facw
6. Skunk Cabbage	forb	obl.
7. Jack/Pulpit	forb	facw-
8.		
9.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 100%
Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks): Wetland Hydrology Indicators:
___ Stream, Lake, or Tide Gauge Primary Indicators:
___ Aerial Photographs ___ Inundated
___ Other X Saturated in Upper 12 Inches
___ No Recorded Data Available ___ Water Marks

Field Observations:
Depth of Surface Water: _____(in.)
Depth to Free Water in Pit: _____(in.)
Depth to Saturated Soil: 12" (in.) at flags
___ Drift Lines
___ Sediment Deposits
___ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 Inches
X Water-Stained Leaves
X Local Soil Survey Data
X FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

Project/Site: Dean Date: Jul, 2006

SOILS

Map Unit Name
(Series and Phase): Madalin Drainage Class: PD

Field Observations
Taxonomy (Subgroup): Mollic Ochraqualfs Confirm Mapped Type? Yes (No)

Profile Description:

Depth (inches) Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/ Texture, Concretions, Size/Contrast Structure, etc.
0-3	10YR 3/1	—	
3-12	10YR 4/1	4/4	few/low

Hydric Soil Indicators:

___ Histosol ___ Concretions

___ Histic Epipedon ___ High Organic Content in Surface Layer in Sandy Soils

___ Sulfidic Odor ___ Organic Streaking in Sandy Soils

___ Aquic Moisture Regime X Listed on Local Hydric Soils List

___ Reducing Conditions ___ Listed on National Hydric Soils List

___ Gleyed or Low-Chroma Colors ___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle) (Circle)

Wetland Hydrology Present? (Yes) No

Hydric Soils Present? (Yes) No Is this Sampling Point Within a Wetland? (Yes) No

Remarks:

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Lots 38.22 38.23, 40.22 Date: July 2006

Applicant/Owner: David Dean County: ORANGE

Investigator: Robert G. Torgersen State: NEW YORK

Do Normal Circumstances exist on the site? (Yes) No
Is the site significantly disturbed (Atypical Situation)? Yes (No)
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.)

Community ID: _____
Transect ID: _____
Plot ID: _____

VEGETATION

Large State w/c

Dominant Plant Species	Stratum	Indicator
1. PIN OAK	TREE	FACW
2. WHITE OAK	TREE	FACW+
3 RED MAPLE	TREE	FAC
4. SPICE BUSH	SHRUB	FACW-
5. SILKY DOGWOOD	SHRUB	FACW
6. WITCH HAZEL	SHRUB	FAC-
7. REED CANARY	GRASS	FACW+
8. SOFT RUSH	GRASS	FACW+
9. TUSSOCK SEDGE	GRASS	OBL

Various types of habitats, forest, scrub/shrub, hayfields over hydric soils

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 85%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks): Wetland Hydrology Indicators:
___ Stream, Lake, or Tide Gauge Primary Indicators:
___ Aerial Photographs X Inundated
___ Other X Saturated in Upper 12 Inches
___ No Recorded Data Available ___ Water Marks

Field Observations:
Depth of Surface Water: _____(in.)
Depth to Free Water in Pit: _____(in.)
Depth to Saturated Soil: _____(in.)
___ Drift Lines
___ Sediment Deposits
___ Drainage Patterns in Wetlands

Upper reaches of Monhegan Creek

numerous ditches

Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12 Inches
X Water-Stained Leaves
X Local Soil Survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

Project/Site: Dean Date: July 2006

SOILS

Map Unit Name
(Series and Phase): Ra Drainage Class: PD

Field Observations
Taxonomy (Subgroup): Raynham Confirm Mapped Type? (Yes) No

Profile Description:

Depth Horizon	(inches)	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/ Texture, Concretions, Size/Contrast Structure, etc.
0-4		10YR 2/1	—	organic
4-12		10YR 4/1	10YR 4/4	mottles few, lowcontrast
12-16		10YR 6/1	10YR 4/4	mottles few, highcontrast

Hydric Soil Indicators:

___ Histosol ___ Concretions

___ Histic Epipedon ___ High Organic Content in Surface Layer in Sandy Soils

___ Sulfidic Odor ___ Organic Streaking in Sandy Soils

___ Aquic Moisture Regime X Listed on Local Hydric Soils List

___ Reducing Conditions ___ Listed on National Hydric Soils List

X Gleyed or Low-Chroma Colors ___ Other (Explain in Remarks)

three hydric soils listed for this site

Raynham
Erie
MADALIN

Remarks: every example of hydric soils on this site.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle) (Circle)

Wetland Hydrology Present? (Yes) No

Hydric Soils Present? (Yes) No Is this Sampling Point Within a Wetland? (Yes) No

Remarks:

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Sect. 4 Blk 1 Lots 38.22, 38.23, 40.22 Date: July 2006

Applicant/Owner: David Dean County: Orange

Investigator: Robert Torgersen State: New York

Do Normal Circumstances exist on the site? (Yes) No
Is the site significantly disturbed (Atypical Situation)? Yes (No)
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.)

Community ID: _____
Transect ID: _____
Plot ID: _____

VEGETATION

Dominant Plant Species	ACOE Stratum Indicator	
1. Silky Dogwood	Shrub	FACW
2. Spicebush	Shrub	FACW-
3 Grey Dogwood	Shrub	FAC
4. Purple loosestrife	Forb	FACW+
5. Tussock Sedge	Grass	Obl.
6. Soft Rush	Grass	FACW+
7. Phragmites	Grass	FACW
8. NOT Sedge	Grass	FACW
9.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 100%
Remarks:

HYDROLOGY
___ Recorded Data (Describe in Remarks): Wetland Hydrology Indicators:
___ Stream, Lake, or Tide Gauge Primary Indicators:
___ Aerial Photographs ___ Inundated
___ Other ___ Saturated in Upper 12 Inches
___ No Recorded Data Available ___ Water Marks
Field Observations:
Depth of Surface Water: _____(in.)
Depth to Free Water in Pit: _____(in.)
Depth to Saturated Soil: 18" (in.) A line
___ Drift Lines
___ Sediment Deposits
___ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 Inches
___ Water-Stained Leaves
X Local Soil Survey Data
X FAC-Neutral Test
___ Other (Explain in Remarks)
Remarks:

ditch along field dominat vegetation is all Fac-Obl.

Project/Site: Dean Parcel Date: July 2006

SOILS

Map Unit Name
(Series and Phase): Ma Drainage Class: PD

Field Observations
Taxonomy (Subgroup): MADALIN Confirm Mapped Type? (Yes) No

Profile Description:

Depth (inches) Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/ Texture, Concretions, Size/Contrast Structure, etc.
0-8"	10YR 2/1		muck
8-16	10YR 6/2	10YR 6/6	many/sharp

Hydric Soil Indicators:

___ Histosol ___ Concretions

___ Histic Epipedon ___ High Organic Content in Surface Layer in Sandy Soils

___ Sulfidic Odor ___ Organic Streaking in Sandy Soils

___ Aquic Moisture Regime ___ Listed on Local Hydric Soils List

___ Reducing Conditions ___ Listed on National Hydric Soils List

X Gleyed or Low-Chroma Colors ___ Other (Explain in Remarks)

Remarks:

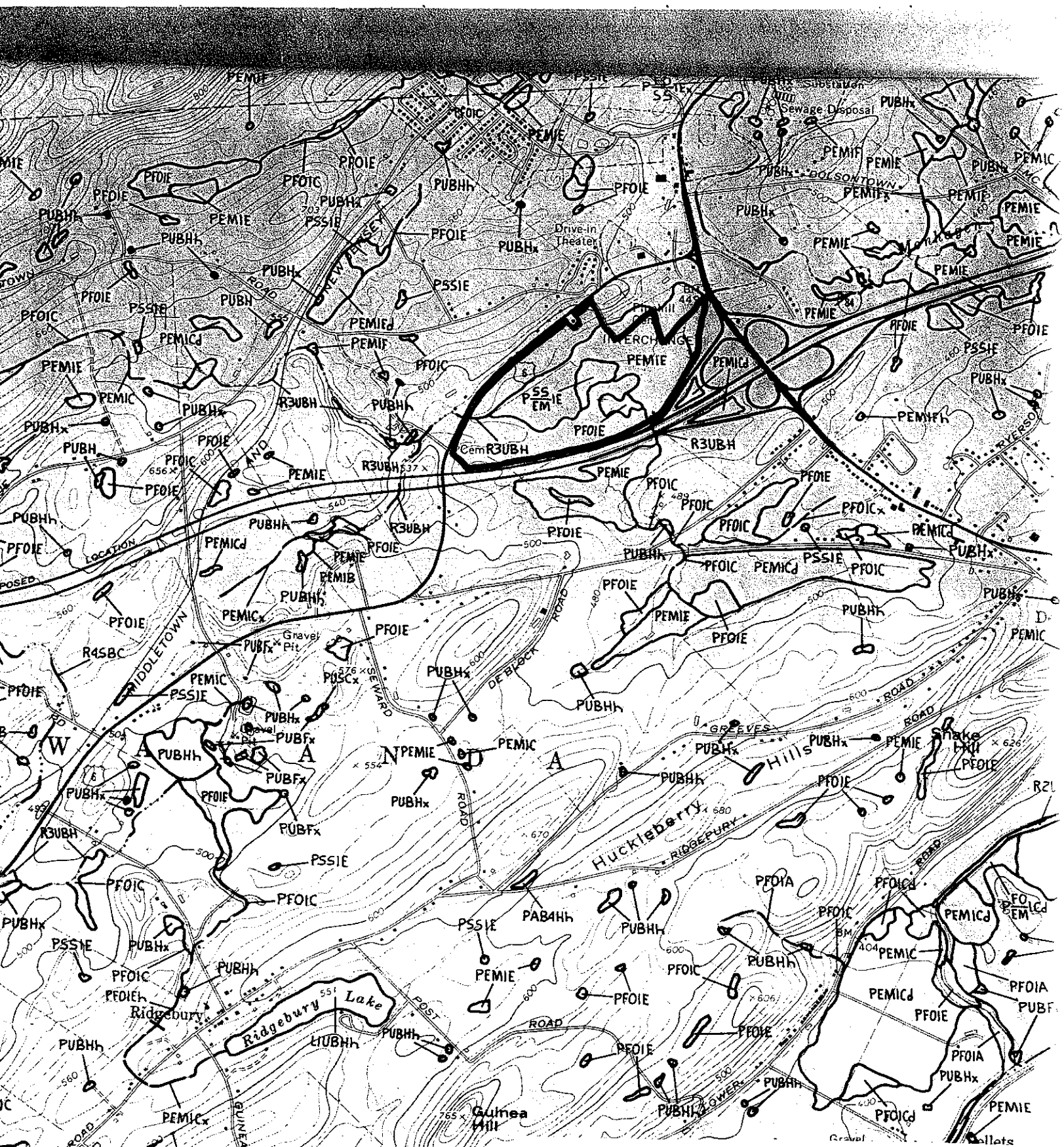
WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle) (Circle)

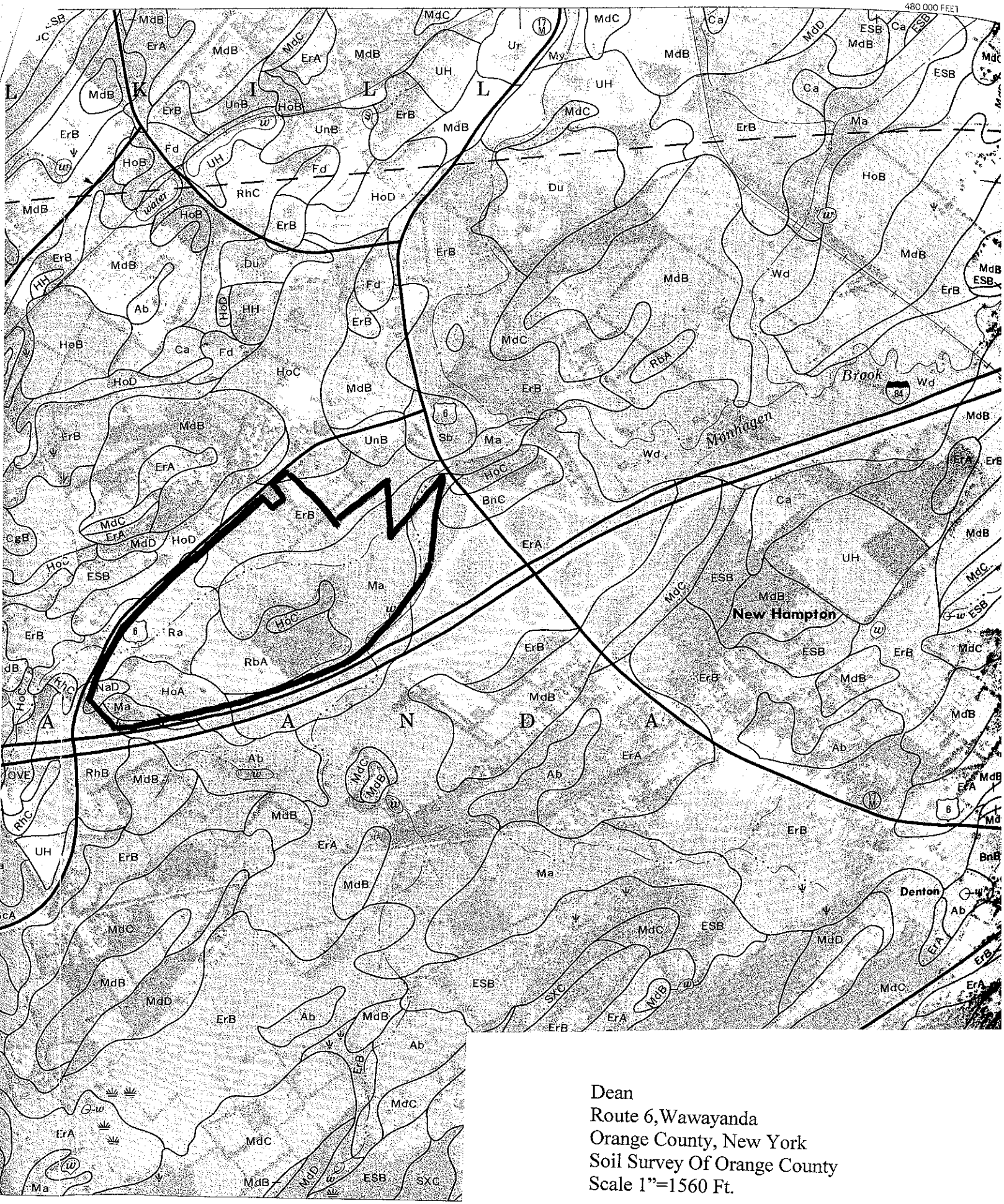
Wetland Hydrology Present? (Yes) No

Hydric Soils Present? (Yes) No Is this Sampling Point Within a Wetland? (Yes) No

Remarks:



Dean
Route 6, Wayayanda
Orange County, New York
National Wetlands Inventory
Scale 1"=2000 Ft.



Dean
Route 6, Wawayanda
Orange County, New York
Soil Survey Of Orange County
Scale 1"=1560 Ft.