



Leonard Jackson Associates

Consulting Engineers

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April 2, 2009

New York State DEC
Division of Environmental Permits, Region 3
21 South Putt Corners Road
New Paltz, New York 12561-1620

RECEIVED
APR 03 2009
ENVIRONMENTAL PERMITS
NYS DEC REGION 3 NEW PALTZ

Att: Margaret Duke, Regional Permit Administrator

Re: **Patrick Farm**
Request for Jurisdictional Determination
LJA #02033

Dear Ms. Duke:

Patrick Farm is a proposed residential project located in the Town of Ramapo in Rockland County. The 208 acre site is located south of the Route 202 - Route 306 intersection and north of Scenic Drive.

We are in the process of preparing a DEIS for this project and we wish to confirm our understanding of all NYSDEC jurisdictions.

We are aware that the proposed development must comply with the SPDES General Permit for Stormwater Discharges from Construction Activity. We are looking for a confirmation of the NYSDEC regulated resources which are specific to the Patrick Farm site.

Attached please find our "Request for Jurisdictional Determination" which provides supporting documentation for our understanding of the existing features which we believe are within NYSDEC jurisdiction.

Please let us know if our understanding is accurate for each of the five resources located at the Patrick Farm site.

Very truly yours,

LEONARD JACKSON ASSOCIATES

Dennis Rocks, P.E., CFM

DR:leb

P:\Word-Files\2002\02033\Margaret Duke 4-2-09.doc



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**Patrick Farm
Town of Ramapo
Rockland County, New York**

**Request for
Jurisdictional Determination
by the NYSDEC**

April 2, 2009
LJA #02033

Leonard Jackson PE PLLC dba Leonard Jackson Associates

Leonard Jackson Associates

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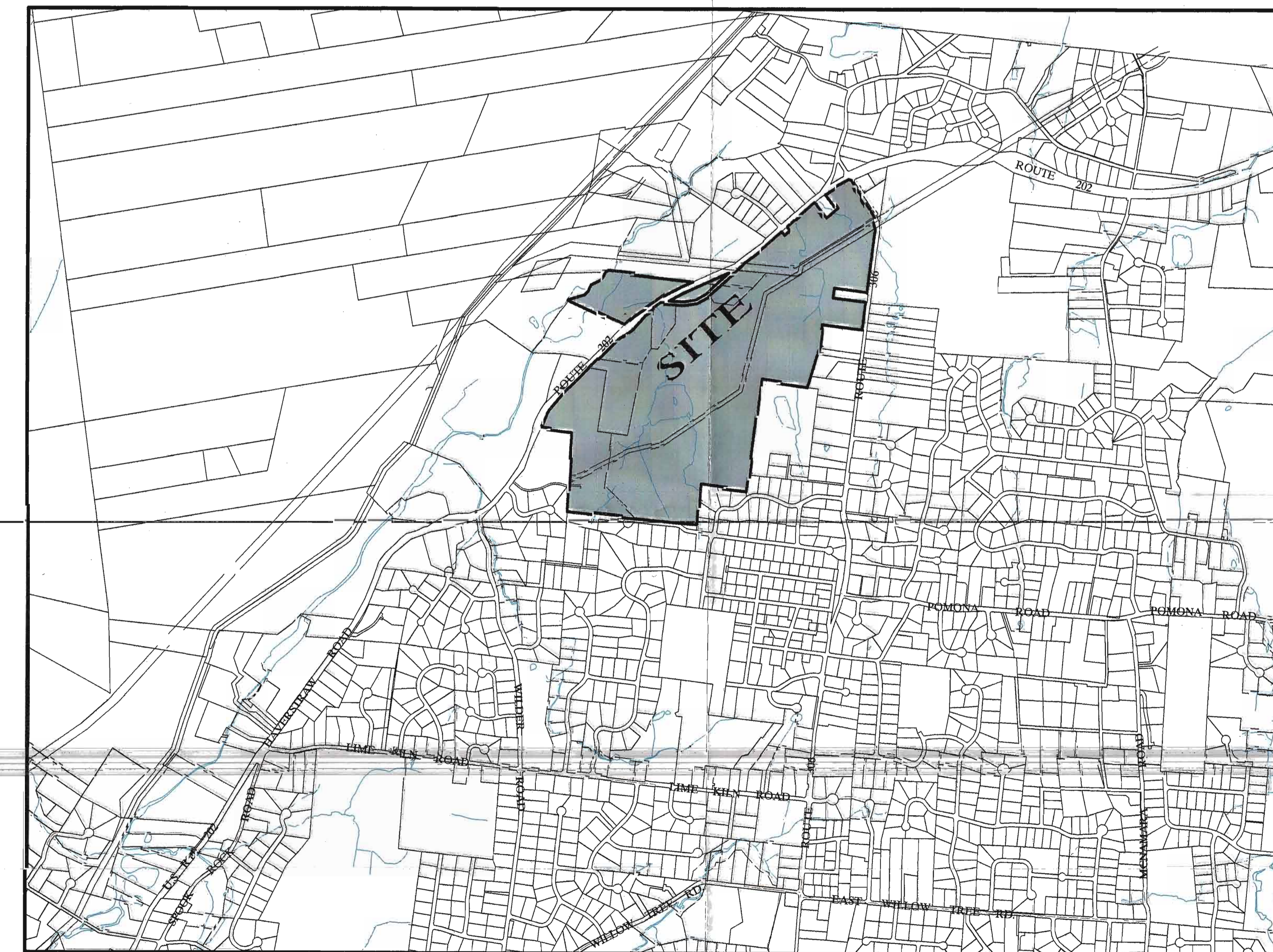
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A) Existing Conditions Map



LEGEND

	NYSDEC FRESHWATER WETLANDS (BASED UPON 11/21/2006 BOUNDARY VALIDATION)
	NYSDEC REGULATED STREAM
	DAM POTENTIALLY SUBJECT TO NYSDEC REGULATION



VICINITY MAP
SCALE: 1" = 1000'

REV.	DESCRIPTION	DATE

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LJA

PATRICK FARM
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK
EXISTING CONDITIONS PLAN

Job number: 02033
Drawn by: AM
Date: 11/21/07
Scale: 1" = 200'
Drawing Number:

EX

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B) Summary Table

Summary Table: NYSDEC Regulated Resources April 2, 2009

<i>NYSDEC Permit</i>	<i>Patrick Farm Resource</i>	<i>Basis of Understanding for NYSDEC Jurisdictional Determination</i>	<i>Permit Requirement</i>
A) Stream Disturbance	<ul style="list-style-type: none"> 1) Brian Brook (Class B) 2) Tributary to Mahwah River downstream of existing dam (Class B) 	DEC Classification from previous golf course proposal circa. 1999 (attached)	Disturbance within the bed or banks of the watercourses. Stream crossings which span the bed and banks are not regulated.
B) Freshwater Wetland	<ul style="list-style-type: none"> 3) 8.46 acre wetland plus 100 foot adjacent area 4) 12.1 acre wetland plus 100 foot adjacent area 	DEC 11/21/06 Validation (attached)	Disturbance within the wetland or 100 foot Adjacent Area
C) Dams and Impoundment Structures	<ul style="list-style-type: none"> 5) Patrick Farm Dam 	Attached Narrative prepared by LJA	Dependent on NYSDEC Hazard Classification

P:\Word-Files\2002\02033\Request for Juris Determination 4-2-09.doc

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C) Supporting Documentation (Basis of Understanding for NYSDEC Jurisdiction)

- 1) Brian Brook &**
- 2) Tributary to
Mahwah River
downstream of
existing Dam**

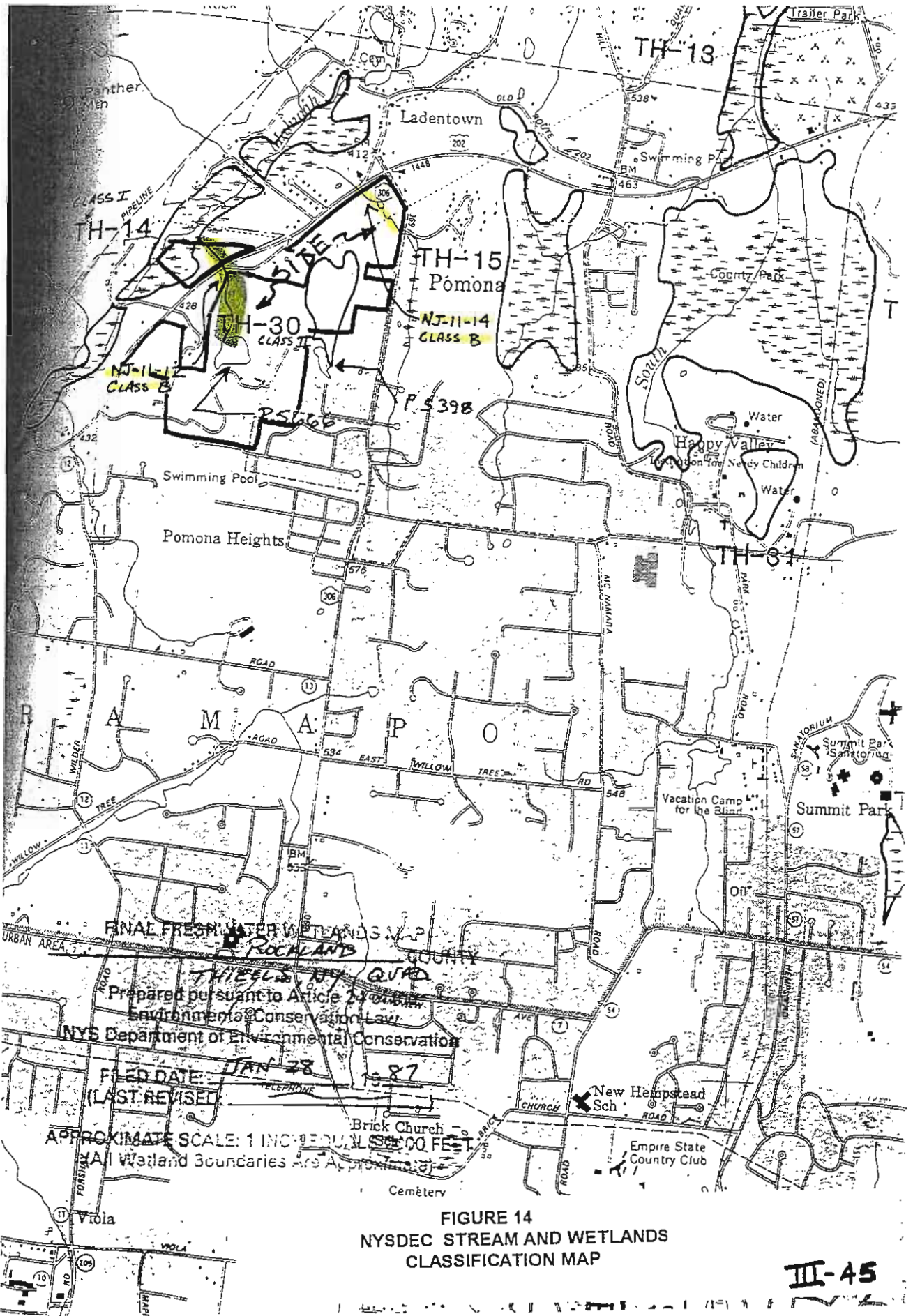


FIGURE 14
 NYSDEC STREAM AND WETLANDS
 CLASSIFICATION MAP

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**C) Supporting Documentation
(Basis of Understanding for
NYSDEC Jurisdiction)**

**3) & 4) 8.46 & 12.1 Acres
Freshwater Wetlands**

NYSDEC FRESHWATER WETLAND BOUNDARY VALIDATION

The freshwater wetland boundary as represented on these plans accurately depicts the limits of Freshwater Wetland TH-H.20 as delineated by *[Signature]*

DEC Staff: *[Signature]* Surveyor/Engineer

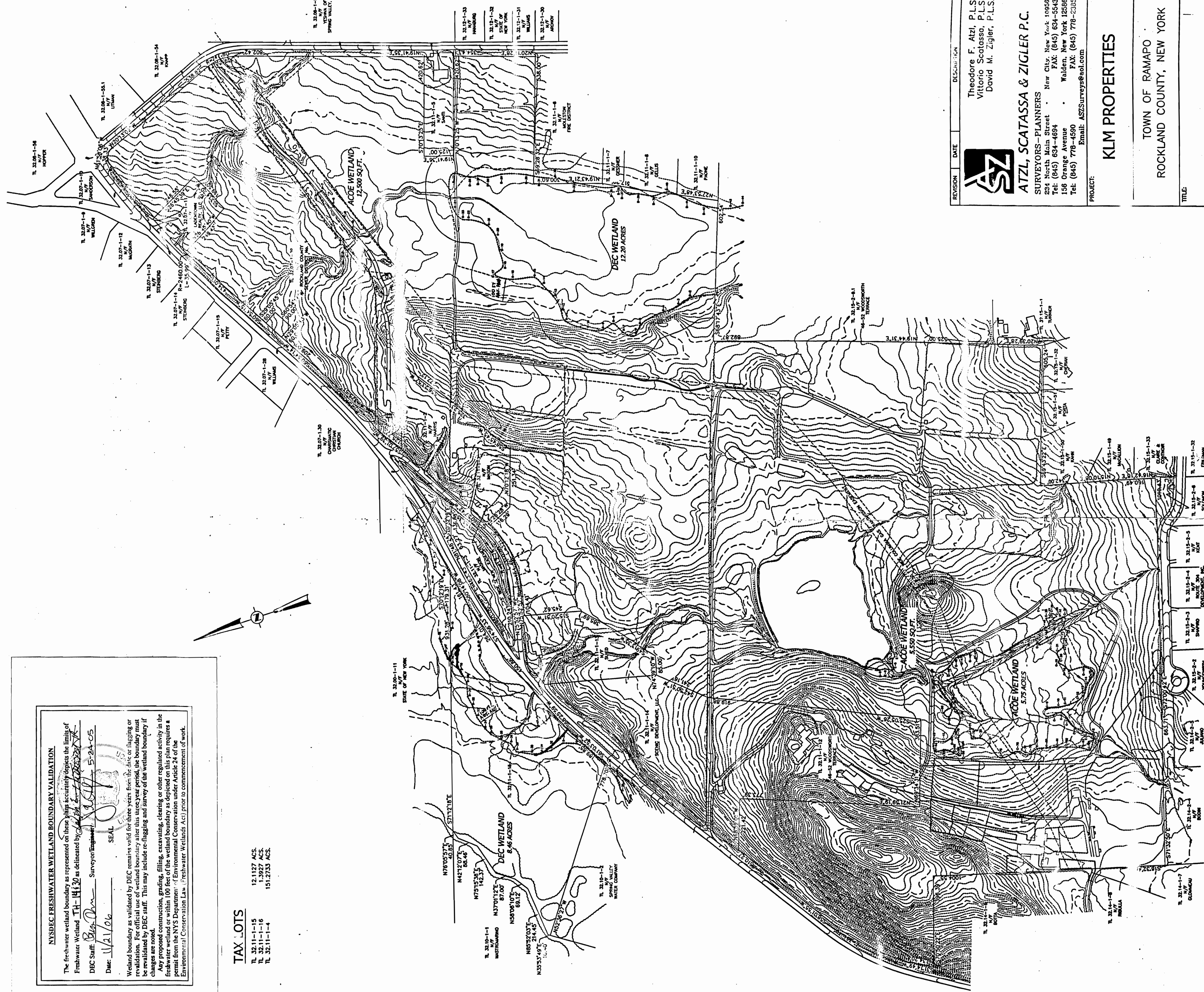
Date: 11/21/06 SEAL

Wetland boundary as validated by DEC remains valid for three years from the date of flagging or revalidation. For official use of wetland boundary after this three year period, the boundary must be revalidated by DEC staff. This may include re-flagging and survey of the wetland boundary if changes are noted.

Any proposed construction, grading, filling, excavating, clearing or other regulated activity in the freshwater wetland or within 100 feet of the wetland boundary as depicted on this plan requires a permit from the NYS Department of Environmental Conservation under Article 24 of the Environmental Conservation Law (Freshwater Wetlands Act) prior to commencement of work.

TAX LOTS

- T. 32.11-1-15 12,1127 ACS.
- T. 32.11-1-16 1,3927 ACS.
- T. 32.11-1-4 151,2733 ACS.



Theodore F. Atzi, P.L.S.
Vito Scatasso, P.L.S.
David M. Zigler, P.L.S.

ATZL, SCATASSA & ZIGLER P.C.

SURVEYORS-PLANNERS
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PROJECT:

KLM PROPERTIES

TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

TITLE:

DRAWN BY: ASA	CHECKED BY: DMZ
DATE: MAY 24, 2005	SCALE: 1 IN. = 200 FT.
PROJECT NO:	DRAWING NO:

450

1

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**C) Supporting Documentation
(Basis of Understanding for
NYSDEC Jurisdiction)**

5) Patrick Farm Dam



April 2, 2009

**NYSDEC Jurisdictional Determination
for
Existing Dam at Patrick Farm Site
LJA #02033**

An existing 5.2 ac. farm pond located on the site is impounded by an existing earthen dam. We have reviewed the NYSDEC GIS data inventory for existing dams and learned that the existing dam is not a part of the DEC data inventory.

Conceptual development plans for Patrick Farm include modification of the principal spillway and rehabilitation of existing earthen dam.

Following is a summary of dam data:

- | | |
|--|-----------------------|
| 1. Total Drainage Area to the Farm Pond | 190 ac. |
| 2. Total Surface Area Normal Pond Elev. | 5.2 ac. |
| 3. Total Surface Area Maximum Pond Elev. | 5.4 ac. |
| 4. Depth of the Pond (Existing) | 1.5 ft. (average) |
| 5. Height of Dam as Proposed | 10 ft. |
| 6. Receiving Waterway | Trib. to Mahwah River |
| 7. Drainage Area of Mahwah River at confluence
with tributary to Mahwah River | 2,295 ac. |
| 8. Crossings located above confluence with
Mahwah River | 1 - Rt. 202 Culvert |

Based on the above information it appears that the dam may be classified as a "Class A" – Hazard Classification. We have also verified that the Tributary below the dam has one road crossing before the confluence with the Mahwah River.