

**ATTACHMENT I
WETLANDS REVIEW**



September 29, 2017

Mr. Peter Dolgos
Delaware River Solar, LLC
33 Irving Place
New York, New York 10003

Re: *Wetland Review*
 Dryden Road Solar Field
 Town of Dryden, New York

Dear Mr. Dolgos:

On September 6, 2017, North Country Ecological Services, Inc. (NCES) conducted a wetland evaluation of the above-referenced project site. The limits of the review are shown on the General Plan Layout graphic that was supplied by Delaware River Solar (see attached). The review was conducted to identify wetlands that are regulated by the New York Dept. of Environmental Conservation (DEC) and/or the U.S. Army Corps of Engineers (USACE) on the subject property.

Wetlands were evaluated in accordance with the three parameter methodology (soils, vegetation and hydrology) as outlined in the 1987, *Corps of Engineers Wetland Delineation Manual* and the new *Northeast Regional Supplement*. Any potential DEC regulated wetlands were evaluated in accordance with the DEC Wetland Delineation Manual criteria.

NCES reviewed the DEC's Environmental Resource Mapper (ERM) to determine if DEC regulated wetlands or streams are found on, or within, 100' of the subject property. Based on the DEC ERM, there are no DEC regulated wetlands or streams on or within 100' of the property (see attached ERM).

During the field review, it was noted that the property is actively farmed for alfalfa, hay, and crop production, such as corn. Some of the fields were fully vegetated and some areas had been tilled this season. The topography of the property can be described as relatively flat to gently sloping, with slopes ranging from 3-8±%. The soils appears to be well drained and gravelly.

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Vegetation within the fields included, but is not limited to, aflafa (*Medicago sativa*), wild carrot (*Daucus carota*), common plantain (*Plantago major*), English plantain (*Plantago lanceolata*), dandelion (*Taraxacum officinale*), common milkweed (*Asclepias syriaca*), red clover (*Trifolium pratense*), cow vetch (*Vicia cracca*), daisy (*Chrysanthemum leucanthemum*), campion (*Lychnis alba*), grasses (Graminae), orchard grass (*Dactylis glomerata*), and corn (*Zea mays*).

A small wetland, associated with a drainage ditch that was constructed, is found along the eastern periphery of the review area. The ditch flows into a small stream that flows north, and toward Dryden Road. The stream crosses Dryden Road. The Vegetation within the ditch consisted of reed canary grass (*Phalaris arundinacea*), purple loosestrife (*Lythrum salicaria*), and various goldenrods (*Solidago spp.*).

As a result of the field review, no wetlands that would be regulated by the DEC are found within the review area. The USACE would be the agency that will regulate the vegetated ditch. The USACE does not regulate a buffer off of the wetlands. The upland farm fields are well drained and in active agricultural operation. Most of the area reviewed was vegetated and there were no signs of "stressed" vegetation that would indicate farmed wetland or otherwise poorly drained soils or ponding of water within the fields. Photographs showing the conditions of the property during the wetland review are attached.

As a result of the wetland review, there are no state regulated wetlands or streams within the area of review. The ditch is regulated by the USACE pursuant to Section 404 of the Clean Water Act. Avoidance of the ditch would be recommended to avoid requiring a wetland disturbance permit from the USACE.

If you have any questions regarding the field review, feel free to call me anytime.

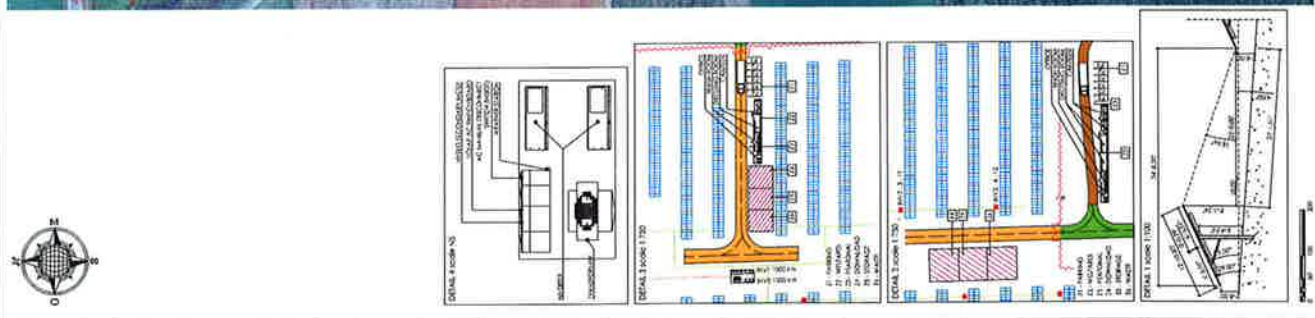
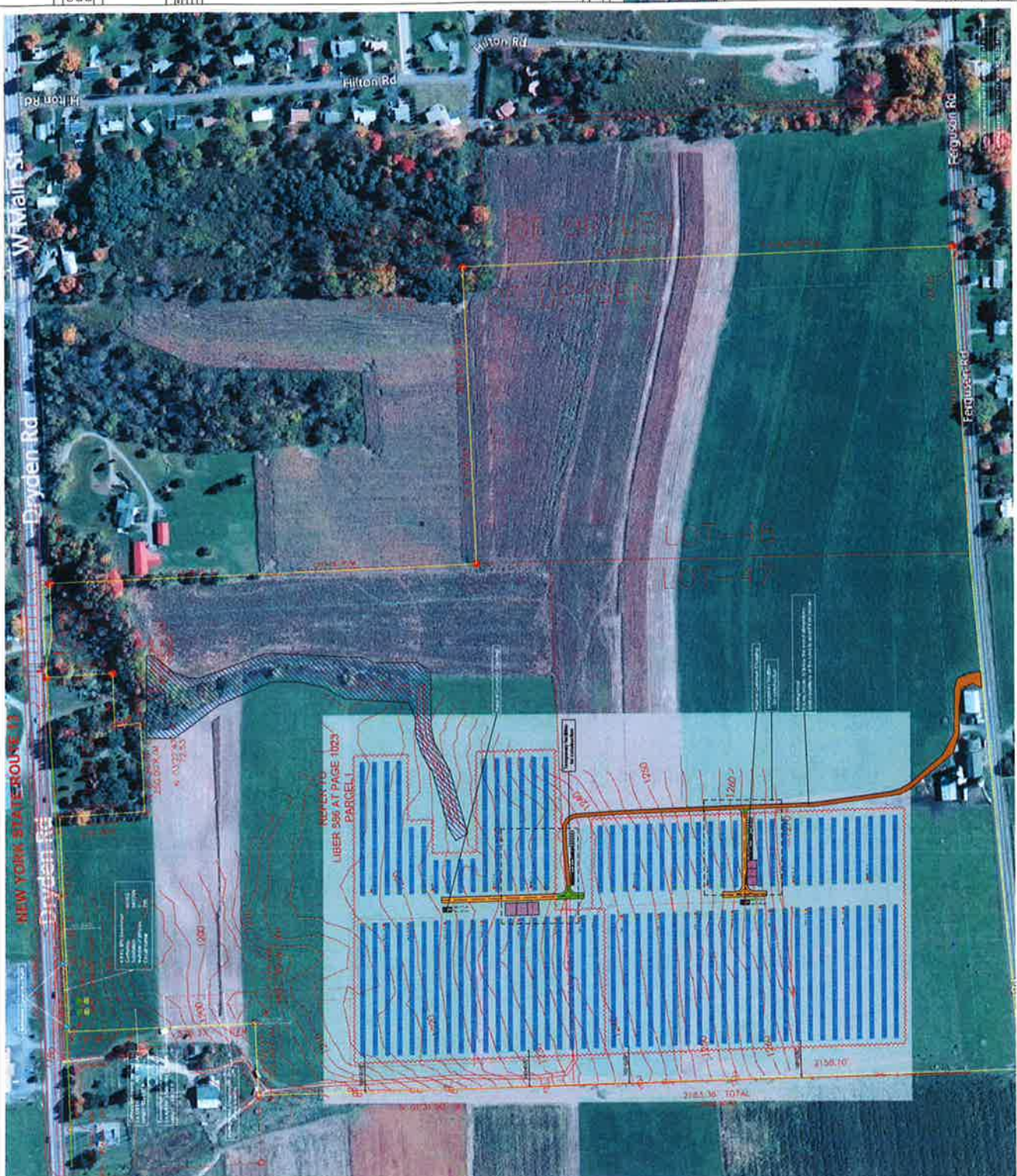
Sincerely;

North Country Ecological Services, Inc.



Stephen P. George, PWS

Attachments



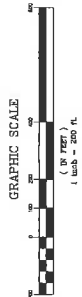
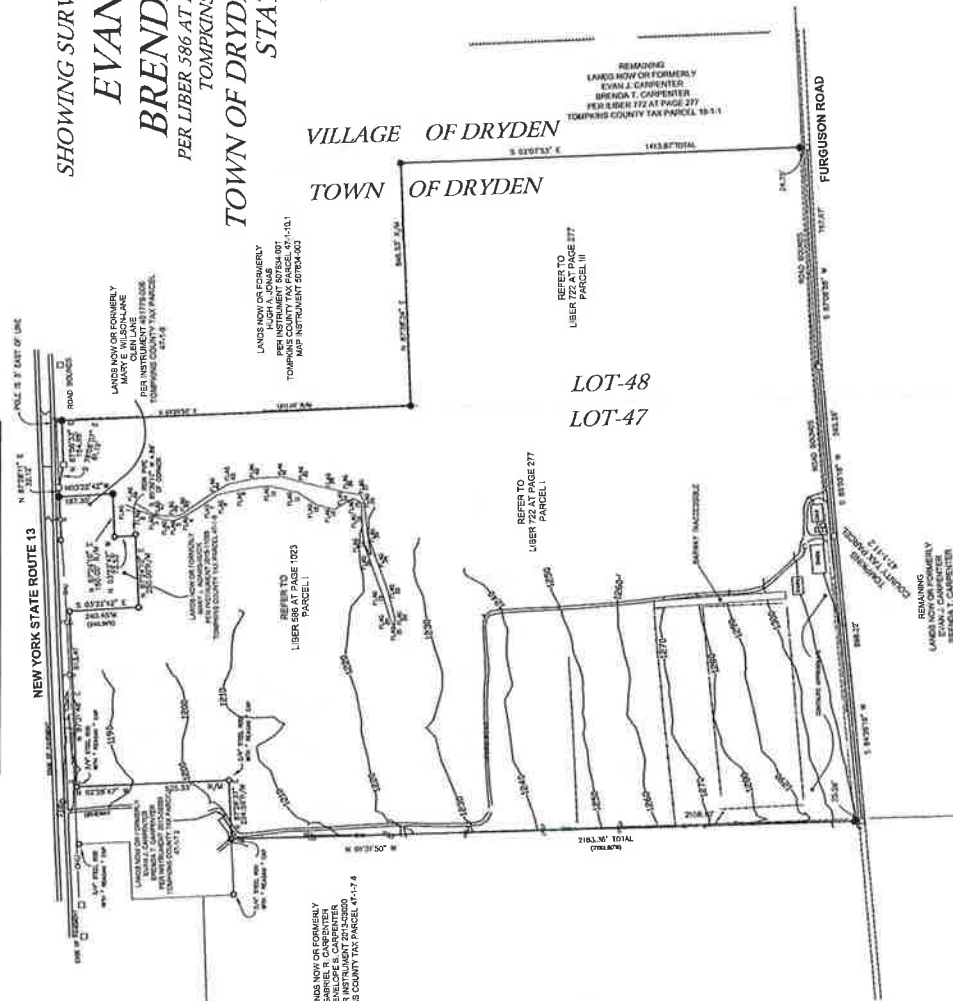
TOTAL AREA = 114.79 ACRES

MAP

SHOWING SURVEY OF A PORTION OF LANDS OF
EVAN J. CARPENTER
BRENDA T. CARPENTER
 PER LIBER 586 AT PAGE 1023 AND LIBER 722 AT PAGE 277
 TOMPKINS COUNTY TAX PARCEL 47-1-7.3
TOWN OF DRYDEN ~ COUNTY OF TOMPKINS
STATE OF NEW YORK
 SCALE: 1" = 200'



SITE LOCATION MAP
DRYDEN USGS QUADRANGLE
 SCALE: 1" = 2000'



- Legend**
- Denotes 3/8" steel rod and cap set
 - Calculated point on property line
 - 5/8" Steel rod, found, or as noted
 - Utility Pole
 - E / 1 / N — Electric / Telephone / TV
 - Underground telephone line
 - X — Wire Fence
 - Stone Wall
 - Hedge/Tree Line
 - Parcel Lines or Lot Lines
 - Land Hook
 - Concrete Highway Monument
 - Dirt Road or Trail
 - Underground telephone marker
 - Wetland Flag

General Notes:

- 1) Utilities shown are based on surface indications only. Underground utilities are not located. Contractors are to verify locations by calling the Underground Facilities Protective Organization at 1-800-862-1962 or 811.
- 2) Subject to any rights of way or easements which may exist.
- 3) Any certification expressed or implied herein applies only to the individual(s), association(s), agency(s), and/or corporation(s) explicitly listed.
- 4) There has been no delineation of wetlands or hazardous wastes on this property and the existence of such was neither investigated nor confirmed during the course of this survey.
- 5) Copies from the original of this survey map not marked with an original of the Land Surveyors inked seal or his/their assessed seal shall not be considered to be a valid true copy.
- 6) Unauthorized alteration or addition to a survey map bearing the seal of a licensed Land Surveyor is a violation of Section 7209, subdivision 2 of the New York State Education Law.
- 7) Excepting and reserving the rights of others in and to the use of Furguson Road.
- 8) Vertical datum is NAVD 88.

TOPOGRAPHIC AND BOUNDARY SURVEY
 Delaware River Solar, LLC
 33 Irving Place 10th floor
 New York, NY 10003

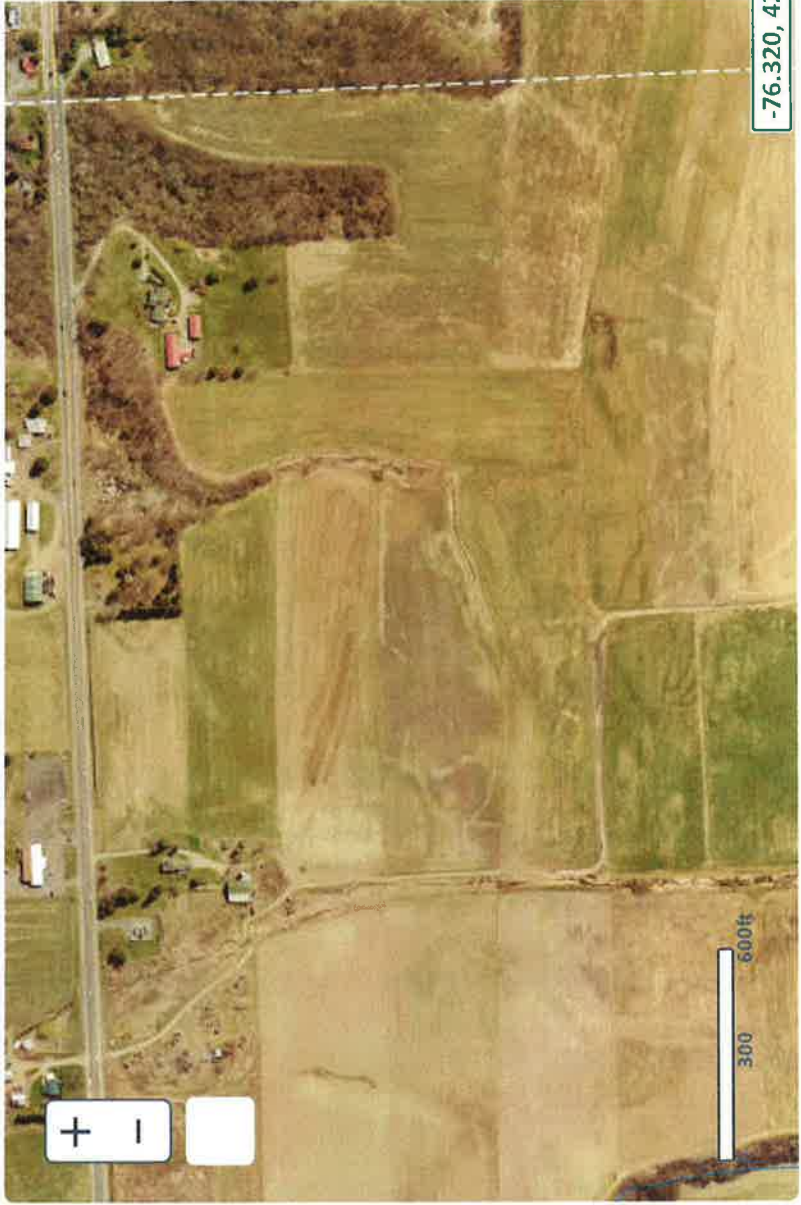
Date: 4-26-17
 Scale: 1" = 200'
 Drawn By: DVG
 Job#: 4235
 Sheet 1 of 1
 Sheet#:
1

KMS
KAATSKILL MOUNTAIN SURVEYORS
LAND SURVEYORS & GPS SPECIALISTS
 23 Middle Street, Catskill, NY 13824
 Phone: (607) 433-2624
 Fax: (607) 433-2398
 Internet: www.kmsurveyors.com

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Environmental Resource Mapper


Base Map: Satellite with Labels 



Search

Tools

Layers and Legend

- Waterbody Classifications for Lakes
- State Regulated Freshwater Wetlands 
- State Regulated Wetland Checkzone
- Classified Natural Communities

Other Wetland Layers

Reference Layers

Tell Me More...

Need A Permit?

Contacts



Photograph 1) View of the farm road leading to the fields at the property.



Photograph 2) View looking east at the farm fields.



Photograph 3) View looking over the farm fields toward the barn and farm house.



Photograph 4) View of the strip of fallow farm field in the center of the property.



Photograph 5) View looking east at the fields in the center of the property.



Photograph 6) View of the center of the property.



Photograph 7) View of the untilled portion of the farm field.



Photograph 8) View looking west at the farm fields.



Photograph 9) View of the grassy field at the property.



Photograph 10) View of the pasture area on the farm.