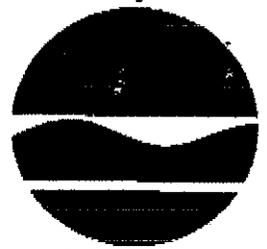


NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • Fax: (518) 402-8925
Website: www.dec.ny.gov



Joe Martens
Commissioner

July 30, 2012

John A Kalin
D C Engineering
3 Memorial Ave, Ssuite 101
Pawling, NY 12584

Dear Mr. Kalin:

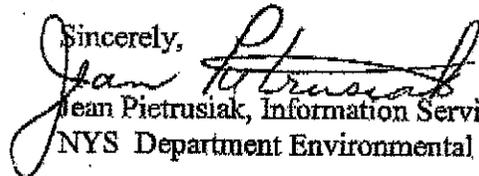
In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for the proposed New Gas Station and Convenience Store – Dover Mobil, site as indicated on the map you provided, located on Rte 22, Dover, Dutchess County.

Enclosed is a report of rare or state-listed animals and plants, significant natural communities, and other significant habitats, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site. For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

The enclosed report may be included in documents that will be available to the public. However, any enclosed maps displaying locations of rare species are considered sensitive information, and are intended only for the internal use of the recipient; they should not be included in any document that will be made available to the public, without permission from the New York Natural Heritage Program.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Sincerely,

Jean Pietrusiak, Information Services
NYS Department Environmental Conservation

Enc.

cc: Reg. 3, Wildlife Mgr.

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Natural Heritage Report on Rare Species and Ecological Communities



NY Natural Heritage Program, NYS DEC, 625 Broadway, 5th Floor,
Albany, NY 12233-4757
(518) 402-8935

- The information in this report includes only records entered into the NY Natural Heritage databases as of the date of the report. This report is not a definitive statement on the presence or absence of all rare species or significant natural communities at or in the vicinity of this site.
- Refer to the User's Guide for explanations of codes, ranks and fields.
- Location maps for certain species and communities may not be provided 1) if the species is vulnerable to disturbance, 2) if the location and/or extent is not precisely known, 3) if the location and/or extent is too large to display, and/or 4) if the animal is listed as Endangered or Threatened by New York State.

Natural Heritage Report on Rare Species and Ecological Communities



COMMUNITIES

Red maple-hardwood swamp

This occurrence of Red Maple-Hardwood Swamp is considered significant from a statewide perspective by the NY Natural Heritage Program. It is either an occurrence of a community type that is rare in the state or a high quality example of a more common community type. By meeting specific, documented significance criteria, the NY Natural Heritage Program considers this occurrence to have high ecological and conservation value.

Office Use

NY Legal Status: Unlisted

NYS Rank: S4S5

9064

Federal Listing:

Global Rank: G5

Last Report: 1997-10-01

EO Rank:

County: Dutchess

S

Town: Dover, Pawling

Location: Great Swamp North Flow

General Quality and Habitat: This is a large swamp with good diversity. The swamp includes mature areas and some early successional areas. Invasive exotics are found at the edges. There are 15% invasive exotics within. The immediate landscape is somewhat fragmented. There is minimal buffering between the swamp and a major road to the east. The community consists of large patches of red maple-hardwood swamp which occur in a valley along the Swamp River which flows north into the Tenmile River. The red maple-hardwood swamp grades into floodplain forest which occurs adjacent to the Swamp River. Small scattered patches of shallow/deep emergent marsh and purple loosestrife marsh occur at the edge of and in the river. The red maple-hardwood swamp is less frequently flooded than the floodplain forest. The hills on either side of the swamp are predominantly forested with recovering hardwood forest. The swamp is located in a somewhat fragmented landscape that includes forest, successional communities, agricultural land, residential and commercial development centered on Route 22.

Floodplain forest

This occurrence of Floodplain Forest is considered significant from a statewide perspective by the NY Natural Heritage Program. It is either an occurrence of a community type that is rare in the state or a high quality example of a more common community type. By meeting specific, documented significance criteria, the NY Natural Heritage Program considers this occurrence to have high ecological and conservation value.

Office Use

NY Legal Status: Unlisted

NYS Rank: S2S3

4563

Federal Listing:

Global Rank: G3G4

Last Report: 1997-10-02

EO Rank:

County: Dutchess

S

Town: Dover, Pawling

Location: Great Swamp North Flow

General Quality and Habitat: This is a large floodplain forest with good diversity, but relatively young. Includes some highly disturbed areas. Invasive exotics at edges. 20% somewhat invasive exotics within. Immediately landscape is somewhat fragmented. There is minimal buffering between the swamp and the major road to the east. Recoverable to a "B" rank if maturity increases and exotics do not greatly expand. The community is a large patch of floodplain forest which follows the Swamp River which flows north into the Tenmile River. Patches of shallow/deep emergent marsh and purple loosestrife marsh occur at the edge of and in the river. The floodplain forest grades into red maple-hardwood swamp moving away from the river. The surrounding red maple hardwood swamp in the valley is 458 acres. The hills on either side of the swamp are predominantly forested with recovering hardwood forest. The swamp is located in a somewhat fragmented landscape that includes forest, successional communities, agricultural land, residential and commercial development centered on Route 22.

Natural Heritage Report on Rare Species and Ecological Communities

2 Records Processed

More detailed information about many of the rare and listed animals and plants in New York, including biology, identification, habitat, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.acris.nynhp.org, from NatureServe Explorer at <http://www.natureserve.org/explorer>, from NYSDEC at <http://www.dec.ny.gov/animals/7494.html> (for animals), and from USDA's Plants Database at <http://plants.usda.gov/index.html> (for plants).

More detailed information about many of the natural community types in New York, including identification, dominant and characteristic vegetation, distribution, conservation, and management, is available online in Natural Heritage's Conservation Guides at www.acris.nynhp.org. For descriptions of all community types, go to <http://www.dec.ny.gov/animals/29384.html> and click on Draft Ecological Communities of New York State.