



NOTICE OF NEGATIVE DECLARATION
Determination of Non-Significance

March 27, 2012

Carter H. Strickland Jr.
Commissioner

**Proposed Expansion of Recreational Boating at Neversink,
Pepacton and Schoharie Reservoirs**

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CEQR No. 12DEP071U

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This Negative Declaration has been prepared in compliance with the requirements of the City Environmental Quality Review (CEQR) process as set forth in Executive Order 91 of 1977 and amendments, and Article 8 of the Environmental Conservation Law establishing the State Environmental Quality Review Act (SEQRA) and its regulations as set forth in 6NYCRR Part 617. The New York City Department of Environmental Protection (NYCDEP), as lead agency, had determined that the proposed action described below would not have a significant effect on the environment and is herein publishing a Negative Declaration. The Environmental Assessment Form (EAF) is attached.

Project Description

The New York City Department of Environmental Protection (DEP) proposes to designate portions of Schoharie Reservoir in Schoharie County, Pepacton Reservoir in Delaware County, and Neversink Reservoir in Sullivan County as Recreational Boating Areas as defined in Title 15, Chapter 16 of the Rules of the City of New York, the existing rules governing the recreational use of New York City water supply lands and waters (Existing Rules).

Currently row boats (for fishing) are the only boats allowed on these reservoirs. The proposed action would provide expanded recreational boating opportunities to the public by allowing additional types of boats to be used in Recreational Boating Areas specifically designated by the DEP without the requirement that occupants of these boats be engaged in fishing. Boats eligible for Recreational Boat Tags would include canoes, sculls, small sailboats with removable center/dagger boards and jonboats that measure no less than eleven feet six inches (11' 6") in length and kayaks that measure no less than nine (9) feet in length. Inflatable boats, collapsible boats and motorized boats are prohibited. All boats would have to be steam cleaned prior to entry into the reservoir. All boats would be required to be hand carried into the water. Swimming would still be prohibited. The Existing Rules ensure that appropriate protections are in place to protect water quality and ensure security.

The annual season for recreational boating at these reservoirs would commence Memorial Day Weekend and end Columbus Day weekend. Boating on the Reservoirs would be allowed from sun up to sun down. To support the expanded boating program at the proposed Recreational Boating Areas, DEP proposes to create boat launch areas, at each reservoir. Each boat launch area would consist of a parking area, an information kiosk, portable toilets, a flagpole in addition to signage as needed in order to assist boaters with identifying the launch areas. The parking areas would be composed of gravel and the access roads would be composed of gravel except where paved access roads already exist.

Two boat launch sites are proposed at Schoharie Reservoir at Gate 22 Snyder's Cove in the Town of Gilboa and Devasego Park in the Town of Prattsville. Two boat launch sites are proposed at Neversink Reservoir at Kramer's Cove and Chandler's Cove in the Town of Neversink. Three boat launch sites are proposed at the Pepacton Reservoir including Raynor Brook in the Town of Colchester, Shavertown Bridge in the Town of Andes) and Arena in the Town of Middletown. No approvals are required for this project.

STATEMENT OF NO SIGNIFICANT EFFECT

DEP has determined that the Proposed Expansion of Recreational Boating at Neversink, Pepacton and Schoharie Reservoirs are not anticipated to have any potential significant adverse impacts on the quality of the environment. No significant adverse impacts are anticipated to occur with respect to natural resources, socioeconomic conditions, growth, community character, aesthetic resources, air quality, noise, traffic and parking, public health and safety, hazardous materials, water supply infrastructure, or construction. These conclusions are based on the Environmental Assessment attached.

Supporting Statements

The above determination is based on an environmental assessment which finds that the project, as proposed, would not result in significant effects on the environment which would require the preparation of an Environmental Impact Statement (EIS).

For further information, please contact:

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Sincerely,



Angela Licata
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Action Description

The New York City Department of Environmental Protection (DEP) proposes to designate portions of Schoharie Reservoir in Schoharie County, Pepacton Reservoir in Delaware County, and Neversink Reservoir in Sullivan County as Recreational Boating Areas as defined in Title 15, Chapter 16 of the Rules of the City of New York, the existing rules governing the recreational use of New York City water supply lands and waters (Existing Rules).

Currently row boats (for fishing) are the only boats allowed on these reservoirs. The proposed action would provide expanded recreational boating opportunities to the public by allowing additional types of boats to be used in Recreational Boating Areas specifically designated by the DEP without the requirement that occupants of these boats be engaged in fishing. Boats eligible for Recreational Boat Tags would include canoes, sculls, small sailboats with removable center/dagger boards and jonboats that measure no less than eleven feet six inches (11' 5") in length and kayaks that measure no less than nine (9) feet in length. Inflatable boats, collapsible boats and motorized boats are prohibited. All boats would have to be steam cleaned prior to entry into the reservoir. All boats would be required to be hand carried into the water. Swimming would still be prohibited. The Existing Rules ensure that appropriate protections are in place to protect water quality and ensure security.

The annual season for recreational boating at these reservoirs would commence Memorial Day Weekend and end Columbus Day weekend. Boating on the Reservoirs would be allowed from sun up to sun down. To support the expanded boating program at the proposed Recreational Boating Areas, DEP proposes to create boat launch areas, at each reservoir. Each boat launch area would consist of a parking area, an information kiosk, portable toilets, a flagpole in addition to signage as needed in order to assist boaters with identifying the launch areas. The parking areas would be composed of gravel and the access roads would be composed of gravel except where paved access roads already exist

The proposed boat launch areas, parking capacity, handicap accessibility are presented below:

Schoharie Reservoir:

- Gate 22 Snyder's Cove (Town of Gilboa): 100 ft. x 50 ft. parking lot with capacity for ten cars and room for trailers; Sailboat accessible launch area
- Devasego Park (Town of Prattsville): 100ft. x 50 ft. parking lot with capacity for ten cars. (Handicap Accessible Portable Restroom)

Neversink Reservoir

- Kramer's Cove (Town of Neversink): 25ft. x 50ft. parking lot with capacity for five cars and room for one trailer. (Handicap Accessible Portable Restroom); Sailboat accessible launch area
- Chandler's Cove (Town of Neversink): 60ft. x 60ft. parking lot with capacity for seven cars and one trailer. Sailboat accessible launch area

Pepacton Reservoir

- Raynor Brook (Town of Colchester) 9ft. x 400ft. parking area with capacity for twenty cars and room for trailers.
- Shavertown Bridge (Town of Andes) 75ft x 100ft. parking lot with capacity for twelve cars and room for trailers, plus additional twelve spaces in existing parking area close by. (Handicap Accessible Portable Restroom); Sailboat accessible launch area
- Arena (Town of Middletown) 60ft x 125ft parking lot with capacity for twelve cars and room for trailers

Project Purpose

The primary purpose of the Proposed Action is to designate portions of Neversink, Pepacton and Schoharie Reservoirs as Recreational Boating Areas, create boat launch sites to improve regional recreational opportunities for watershed residents and visitors and to promote environmentally sound economic development by allowing certain new types of reservoir recreational boating, as discussed above. All recreational activities would be conducted in a manner that would ensure appropriate protections are in place to protect water quality and ensure security of the water supply system.

Environmental Assessment

This environmental review of the Proposed Action evaluates the potential for significant adverse impacts that could occur as a result of designating portions of these Reservoirs as Recreational Boating Areas. This environmental assessment evaluates the potential impacts of expanding boating opportunities to include additional kinds of boats in the reservoirs and the creation of boat launch facilities to support recreational boating at Neversink, Pepacton and Schoharie Reservoirs.

Below is an analysis of the environmental assessment criteria considered to have potential to be affected by the Proposed Action.

Natural Resources

Water Quality

It is the intent of the Proposed Action to make Neversink, Pepacton and Schoharie Reservoirs more accessible for recreational use without weakening the water quality protections codified in Title 15, Chapter 16 of the Rules of the City of New York (RCNY). For example, the following are activities that would continue to be prohibited under the proposed boating expansion program: the use of motorized equipment, littering, polluting, or dumping; bathing, swimming, or washing of any objects; camping; and depositing game entrails in any watercourse or within a certain distance of such watercourses. In addition, recreational users would be responsible for their trash, which would be handled by a carry-in carry-out policy. Portable toilets would be provided at the boat launch sites. DEP staff would conduct weekly inspections of launch sites noting any issues and remove garbage as necessary.

Site work at the proposed boat launch areas would be conducted in a manner to minimize disturbance. Silt fencing would be established around the limits of disturbed areas and gravel would be applied as soon as an area is cleared and grubbed). Site work for all boat launch sites would be temporary and anticipated to be about one month in duration.

At all sites, no trailers or vehicles would be allowed to enter the water. All watercrafts would be required to be hand carried in and out of the reservoirs to prevent pollution from the vehicles entering the Reservoir.

DEP prohibits the use of live aquatic bait taken from waters infested with zebra mussels or other invasive mussel species, which are organisms that can clog public drinking water intakes and disrupt aquatic systems. All recreational boats would be subject to the same requirements as permitted fishing boats, and would be required to be steam cleaned before being placed on the reservoir or in approved/assigned boat storage locations. Equipment to be used with the boats would also be required to be steam cleaned, including sails and paddles. The types of boats allowed for recreational boating have been limited to boats that can easily be steam cleaned. Steam cleaning is a requirement to obtain a Boat Tag for the reservoir. Certified Steam Cleaning vendors would be trained by DEP to assure adequate cleaning. This requirement aids in the prevention of zebra mussels and other aquatic invasive species in the City's water supply reservoirs and lakes, as well as prevent other contaminants, pollutants, and organisms from entering the waters.

DEP regularly monitors the quality of water at the Neversink, Pepacton, and Schoharie reservoirs. The diversions from each of these reservoirs are monitored for various water quality constituents at their tunnel outlets into downstream receiving basins five days per week throughout the year. Elevation taps, sampled weekly at the Neversink and East Delaware Intake Chambers, provide an indication of water quality at four elevations within the water column of the reservoirs. A weekly sample taken at Shandaken Tunnel Intake Chamber provides comparable water quality information for Schoharie Reservoir. Limnological surveys of all of these reservoirs are performed monthly (April - November), and additionally as needed. Multiple depths at up to six site locations are assessed on each reservoir. Monitoring for zebra mussel veligers and adults is currently conducted during May, August, and October at various locations including DEP launch areas, dams and intake structures. No adverse water quality impacts have been detected at Cannonsville Reservoir, where recreational boating has been in place for three years.

Routine water quality monitoring and surveillance within the reservoirs and at their respective outputs provide adequate information to determine if the recreational use of these reservoirs were impairing or had the potential to significantly impair water quality delivered to the consumer. DEP would look at both local and cumulative impacts. DEP would retain the authority to limit or prohibit access to Recreational Boating Areas if it is determined that there is potential to negatively impact water quality as a result of activities within these areas.

DEP will be implementing an invasive species monitoring program to survey and monitor aquatic and terrestrial invasive species at the boat launch sites to determine their

presence/absence, distribution and abundance. The invasive species monitoring program will enable detection of newly introduced invasive species at those sites. Management options for invasive species found will be assessed based on the data collected as part of the monitoring and a management plan will be developed and implemented to mitigate potential impacts.

DEP Police would enforce the proposed rules. DEP would communicate what areas are designated for recreational boating use and whether access to any of the areas is restricted via posted signs, direct mailings to Access Permit holders, press releases, DEP's web site, announcements on 1-800-575-LAND (5263), and DEP's annual newsletter *Watershed Recreation* which is sent to Access Permit holders and posted on the DEP website. In addition, buoys on the Reservoirs would be placed to restrict access in certain areas. To limit the possibility of bodily contact with the water in the water supply reservoirs to affect drinking water quality, the use of sailboats, which may have a higher tip over frequency, would be limited to portions of the reservoir outside of the 60 day travel time to New York City.

As long as users of these reservoirs and lands use them while abiding by the RCNY, significant adverse water quality impacts are not anticipated as a result of the proposed action. DEP Police would continue to enforce these rules under the proposed expanded boating program. If the proposed Recreational Boating Areas are further expanded in the future, water quality and invasive species would continue to be monitored and DEP could limit or prohibit access as deemed necessary. Therefore, it is not anticipated that the Proposed Action would have a significant adverse impact on water quality.

Soil Impacts

The creation of Recreational Boating launch areas would require creating or improving gravel parking areas, launch ramps, kiosks, portable restrooms, and user access ways. In addition to the proposed improvements, general maintenance of existing ditches and access routes to the boat launch sites will be required for some locations. Site work for the creation of boat launch areas would include grubbing, grading and installing gravel or crushed blue stone. As mentioned above, to control erosion and sediment during construction silt fence would be installed around limits of disturbed areas and gravel would be applied as soon as an area is cleared and grubbed. All other disturbed areas at the launch sites would be re-seeded and mulched. The silt fencing would be removed upon establishment of at least 80 percent of the vegetation in the re-seeded areas.

Stormwater controls around the access roads and parking areas would include various best management practices (BMPs) such as the use of check dams, stone lined drainage ditches, infiltration trenches, water quality basins, swales and berms as necessary. Stone filled trenches would be emplaced at the small kiosk roof drip lines to account for the impervious surfaces of the kiosk roofs.

In addition, it should be noted that DEP would continue to provide maintenance and upkeep to ensure that no detrimental effects occur to nature or the water quality of the receiving waters from these lands. DEP would monitor access ramps into the water for potential for erosion. If it is determined that soil impacts are occurring as a result of the increased usership at Recreational

Boating Areas, DEP would further implement additional BMPs to reduce or alleviate the soil impacts resulting from the public's use of these areas. Therefore, it is not anticipated that the proposed action would result in significant adverse soil impacts.

Wildlife

Pepacton Reservoir: The U.S. Fish and Wildlife Service (USFWS) identifies the following federally-listed species known or likely to occur in Delaware County, New York:

Northern monkshood	<i>Aconitum noveboracense</i>	Threatened
Dwarf wedgemussel	<i>Alasmidontaheterodon</i>	Endangered
Bald Eagle	<i>Haliaeetusleucocephalus</i>	Delisted

The potential for occurrence of these species at the project site at the Pepacton Reservoir and for impacts on their habitat are summarized below.

Northern Monkshood:

According to the U.S. Fish and Wildlife Service Recovery Plan (Sept. 1983), the typical habitat for Northern Monkshood is less extreme high and low air temperatures than the surrounding landscape, ample available water, subdued light levels, and an often continuous cold soil environment. Year around soil temperatures may be as cold as six degrees Celsius (although most are in the range of eleven to eighteen degrees Celsius), and the local distribution of Northern Monkshood in a particular habitat is often closely associated with areas where ground water or subterranean air is emanating. In most of the habitats occupied by Northern Monkshood there is either active and continuous cold air drainage or cold ground water flowage out of the nearby bedrock. There seems to be no rock substrate favored by the species overall, but locally the bedrock formation may be a good clue to its possible occurrence. New York's Northern Monkshood populations are found on shale or conglomerate sandstone of Ordovician age. Adult Northern Monkshood do survive (bloom and set seed) but do not reproduce every year, suggesting that a cold soil environment may be essential to dormancy-breaking requirements of the difficult-to-germinate seeds. The common denominator contributing most to habitat preference appears to be the cold soil environment associated with the cliff, talus, slope, algific slope and spring/headwater stream situations.

These types of habitats do not occur in the vicinity of proposed boat launch sites.

Dwarf Wedgemussel:

According to the U.S. Fish and Wildlife Service Recovery Plan (Feb. 1993), the Dwarf Wedgemussel distribution in New York is located only in Neversink River and was estimated at 80,000 mussels, far outnumbering any other population, although it occupies a relatively short reach of the river. Dwarf Wedgemussels are typically found in creeks, streams, or rivers with slow to moderate current. The reservoirs do not provide suitable habitat for this species. The proposed project would not be anticipated to have any adverse impact on the Dwarf Wedgemussel.

Bald Eagle:

There are 4 known active Bald Eagle nest sites on the Pepacton Reservoir, all of which are greater than a half a mile away from the proposed launch sites. NYSDEC confirmed in correspondence on March 16, 2012, that construction of the facilities at the indicated launch sites would not likely adversely impact any currently known eagle nests.

Information on avoiding eagle disturbance and potential penalties for causing a disturbance would be communicated on brochures and kiosks at each of the sites. Restricted area signs around nests have been posted or would be posted/updated in coordination with and as deemed appropriate by NYSDEC.

Neversink Reservoir: The U.S. Fish and Wildlife Service identifies the following federally-listed species known or likely to occur in Sullivan County, New York. The potential for occurrence of these species at the project site and for impacts on their habitat are summarized below:

Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	Threatened
Northern wild monkshood	<i>Aconitum noveboracense</i>	Threatened
Dwarf wedgemussel	<i>Alasmidontaheterodon</i>	Endangered
Bald Eagle	<i>Haliaeetusleucocephalus</i>	Delisted
Indiana Bat	<i>Myotis sodalis (summer)</i>	Endangered

Bog Turtle:

According to the New York State Department of Environmental Conservation (NYSDEC) Bog Turtle Fact Sheet, this species is semi-aquatic, "preferring habitat with cool, shallow, slow-moving water, deep soft muck soils, and tussock-forming herbaceous vegetation. In New York, the Bog Turtle is generally found in open, early succession types of habitats such as wet meadows or open calcareous boggy areas generally dominated by sedges (*Carex spp.*) or sphagnum moss." Bog turtles inhabit open, unpolluted emergent and scrub/shrub wetlands such as shallow spring-fed fens, sphagnum bogs, swamps, marshy meadows, and wet pastures. These habitats are characterized by soft muddy bottoms, interspersed wet and dry pockets, vegetation dominated by low grasses and sedges, and a low volume of standing or slow moving water which often forms a network of shallow pools and rivulets. As currently designed, the project area will be limited to the existing boat launch areas and as such, it is not anticipated that the project will result in adverse impacts to bog turtles or their habitats.

Northern Wild Monkshood:

According to the U.S. Fish and Wildlife Service Recovery Plan (Sept. 1983), the typical habitat for Northern Monkshood is less extreme high and low air temperatures than the surrounding landscape, ample available water, subdued light levels, and an often continuous cold soil environment. Year around soil temperatures may be as cold as six

degrees Celsius (although most are in the range of eleven to eighteen degrees Celsius), and the local distribution of Northern Monkshood in a particular habitat is often closely associated with areas where ground water or subterranean air is emanating. In most of the habitats occupied by Northern Monkshood there is either active and continuous cold air drainage or cold ground water flowage out of the nearby bedrock. There seems to be no rock substrate favored by the species overall, but locally the bedrock formation may be a good clue to its possible occurrence. New York's Northern Monkshood populations are found on shale or conglomerate sandstone of Ordovician age. Adult Northern Monkshood do survive (bloom and set seed) but do not reproduce every year, suggesting that a cold soil environment may be essential to dormancy-breaking requirements of the difficult-to-germinate seeds. The common denominator contributing most to habitat preference appears to be the cold soil environment associated with the cliff, talus, slope, algific slope and spring/headwater stream situations. These types of habitats do not occur in the vicinity of proposed boat launch sites.

Dwarf Wedgemussel:

According to the U.S. Fish and Wildlife Service Recovery Plan (Feb. 1993), the Dwarf Wedgemussel distribution in New York is located only in Neversink River and was estimated at 80,000 mussels, far outnumbering any other population, although it occupies a relatively short reach of the river. Dwarf Wedgemussels are typically found in creeks, streams, or rivers with slow to moderate current. The reservoirs do not provide suitable habitat for this species. The proposed project would not be anticipated to have any adverse impact on the Dwarf Wedgemussel.

Bald Eagle:

Southeastern New York (NYSDEC Regions 3 and 4) continue to be the densest area of eagle nesting activity in the state. The Bald Eagle has been identified by the New York Natural Heritage Program as being in the vicinity of the project. The proposed launch sites are more than three miles away from a known nest. Given the distance to this nest from the proposed launch sites, it is not anticipated that it would be impacted by activities there.

Information on avoiding eagle disturbance and potential penalties for causing a disturbance would be communicated on brochures and kiosks at each of the sites. Restricted areas signs around the nest would be placed when deemed appropriate by NYSDEC.

Indiana Bat:

In New York, knowledge of Indiana Bat distribution is limited to known wintering locations-caves and mines in which they hibernate. Hibernation can begin as early as September and extend nearly to June. There are eight hibernacula currently known in Albany, Essex, Warren, Jefferson, Onondaga and Ulster Counties (NYSDEC Indiana Bat Fact Sheet). Indiana bat is listed by the USFWS for Sullivan County. The summer range of this species extends well beyond these counties. Predominately female Indiana bats radio-tracked from hibernacula in Jefferson, Essex, and Ulster Counties were found to move between approximately 12 and 40 miles to roost location on their foraging grounds.

In the vicinity of both project sites, tree species suitable for Indiana bat include black locust, shagbark and red hickories, sycamore, and silver maple. Other species which, under certain conditions and particularly if dead, might provide adequate cover under bark fragments, would include sugar maple, chestnut oak and black cherry. Summer roost trees for female Indiana bats are typically large with peeling bark. Indiana bats spend the winter months in secluded caves or mines. Only small brush and saplings are proposed to be removed at the proposed launch sites around this Reservoir, and therefore, since no suitable habitat is proposed to be disturbed, no impacts to potential Indiana bat are anticipated.

Schoharie Reservoir: The U.S. Fish and Wildlife Service identifies the following federally-listed species known or likely to occur in Sullivan County, New York:

Bald Eagle	<i>Haliaeetusleucocephalus</i>	Delisted
Indiana Bat	<i>Myotisotis (summer)</i>	Endangered

The potential for occurrence of these species at the project site and for impacts on their habitat are summarized below.

Bald Eagle:

Southeastern New York (NYSDEC Regions 3 and 4) continued to be the densest area of eagle nesting activity in the state. The Bald Eagle has been identified by the New York Natural Heritage Program as being in the vicinity of the project. The proposed boat launch sites are at least a mile away from a known nest. Given the distance to this nest from the proposed launch sites, it is not anticipated that it would be impacted by activities there.

Information on avoiding eagle disturbance and potential penalties for causing a disturbance would be communicated on brochures and kiosks at each of the sites. The existing posting around the nest would be updated when deemed appropriate by NYSDEC.

Indiana Bat:

In New York, knowledge of Indiana Bat distribution is limited to known wintering locations-caves and mines in which they hibernate. Hibernation can begin as early as September and extend nearly to June. There are eight hibernacula currently known in Albany, Essex, Warren, Jefferson, Onondaga and Ulster Counties (NYSDEC Indiana Bat Fact Sheet). Indiana bat is listed by the USFWS for Schoharie County. The summer range of this species extends well beyond these counties. Predominately female Indiana bats radio-tracked from hibernacula in Jefferson, Essex, and Ulster Counties were found to move between approximately 12 and 40 miles to roost location on their foraging grounds.

In the vicinity of both project sites, tree species suitable for Indiana bat include black locust, shagbark and red hickories, sycamore, and silver maple. Other species which,

under certain conditions and particularly if dead, might provide adequate cover under bark fragments, would include sugar maple, chestnut oak and black cherry. Summer roost trees for female Indiana bats are typically large with peeling bark. Indiana bats spend the winter months in secluded caves or mines. No trees are proposed for removal at the proposed launch sites at this Reservoir. Therefore, no impact to Indiana bat is anticipated.

As discussed above, the RCNY prohibit the use of live aquatic bait on City property taken from waters infested with zebra mussels or other invasive mussel species and require inspection and cleaning of boats immediately before they are placed at Fishing Areas, Recreational Boating Areas on City property or transferred between reservoirs. These requirements aid in the prevention of zebra mussel infestation and the introduction of other contaminants, pollutants, and organisms from entering the City's water supply reservoirs and lakes, and they therefore have a beneficial impact on aquatic wildlife.

As discussed above, there are several bald eagles' nests in the vicinity of the proposed designated Recreational Boating Areas. DEP coordinated with the New York State Department of Environmental Conservation (NYSDEC) in selecting the location of the proposed boat launch areas in order to minimize potential impacts to the eagle habitats and would enforce certain restrictions on boating in certain areas in order to minimize impact to eagles from activities on the reservoirs.

An increased number of recreational users talking and paddling has the potential to increase noise levels, but these boat users would likely be spread out across the Reservoir and not be concentrated in one particular area. By complying with the conservation measures suggested by NYSDEC, it is not anticipated that increased recreational activity would adversely impact the bald eagles.

DEP and NYSDEC would continue to monitor and manage these areas to prevent detrimental impacts to these sensitive species. DEP maintains the right to limit or suspend recreational opportunities in the vicinity of the species as necessary in order to protect these species. In addition, DEP in collaboration with DEC would post signs and buoys to protect certain nests.

Therefore it is not anticipated that the Proposed Action would have any significant impact on wildlife.

Vegetation

At the launch sites at Schoharie Reservoir, no tree removal is proposed. At the sites at Neversink Reservoir, only small brush and saplings would be removed. At Pepacton Reservoir, twelve hardwood trees ranging from two inches to twelve inches in diameter are proposed to be removed at the Raynor Brook Site, and approximately fifty hardwood trees ranging from one inch to twelve inch are proposed to be removed at Shavertown Launch Site. No trees would be removed at the Arena launch site. Minimal grass would be cleared in the area of the proposed parking lots. Disturbed areas would be seeded and mulched. Invasive species would be monitored at each site and managed on a case by case basis as needed. The removal of these trees should not adversely impact erosion or animal habitat given the small area that would be

cleared and the overall forested character of the reservoir area. It is not anticipated that the proposed action would have any potential significant impacts on Vegetation.

Wetlands

There are no wetlands identified at the proposed boat launch areas. Therefore it is not anticipated that the proposed action would have any potential adverse significant impacts on wetlands.

Open Space and Recreation

The proposed action would provide expanded recreational benefits to the public by allowing additional recreational boating opportunities in Neversink, Schoharie and Pepacton Reservoirs. There would be no adverse potential significant impacts on open space and recreation.

Socioeconomic Conditions

It is anticipated that expanding recreational boating at Neversink, Pepacton, and Schoharie Reservoirs would result in a beneficial impact to the economies of the towns in proximity to the Reservoir.

By allowing recreational boating at these reservoirs, it is anticipated that usership of the NYC watershed lands would increase above its current usership. It is expected that these additional visitors would patronize businesses in the local communities, including such businesses as gas stations, restaurants, hotels, and sporting goods shops, thus infusing capital into the local economy.

The proposed expansion of boating to allow for recreational boats is anticipated to increase usership of the reservoirs on average by roughly 15 boats a week throughout the boating season at Neversink, 10 at Schoharie and up to 20 boats a week at Pepacton Reservoirs. At any one given time, boat usage would be limited by the number of available parking spaces, which are currently approximately 20, 12 and 42 for Schoharie, Neversink and Pepacton, respectively.

Currently no commercial enterprises at the boat launch sites are planned, but they may be considered in the future. At least two part-time steam cleaning businesses at each Reservoir would be created by the Proposed Action. The expansion of boating would not result in either direct or indirect displacement of businesses or residents because the proposed project is on NYC-owned lands, on which no businesses or residences exist.

Therefore, it is not anticipated that the proposed project would result in a significant adverse socioeconomic impact.

Induced Growth

It is anticipated that the anticipated boaters who would take advantage of the increased recreational opportunities provided by the proposed project would patronize businesses in the communities around the Reservoirs and would provide additional inputs into the regional and local economies beyond inputs from tourism currently experienced as a result of recreational use of NYC watershed lands.

While it is anticipated that the proposed project could result in increased economic activity in the local communities around the Reservoir due to increase in usership, it is not anticipated that the level of activity would rise to a level to induce new businesses to move to the area or for existing businesses to expand significantly.

It is anticipated that many of the additional users would be existing watershed residents or visitors and tourists. It is not anticipated that the proposed action would result in an increase in migration that would substantially affect the services or needs of the local communities.

Therefore, it is not anticipated that the Proposed Action would result in a significant adverse growth inducement impact to the local communities.

Community Character

The designation of Recreational Boating Areas could attract greater numbers of users to Neversink, Pepacton and Schoharie Reservoirs than they do currently under the existing fishing program. It is likely that a majority of these users would come from the communities surrounding these Reservoirs but a portion of the users could also be attracted from outside the immediate areas around the watershed lands. The recreational activities permitted under the proposed action would expand current recreational opportunities on the reservoirs and local communities would benefit from these expanded activities. Therefore it is not anticipated the Proposed Action would result in significant adverse community character impacts.

Community Resources

Managing the proposed designated Recreational Boating Areas would be undertaken by DEP. DEP Police would coordinate with the County Emergency Services and local rescue services for emergency response and recovery preparation and actions. DEP would oversee water monitoring programs and management of the boating areas. It is not anticipated that the creation of Recreational Boating Areas would place a significant impact or burden on Community Resources in the area around the reservoirs due to the fact that DEP would handle the expanded services necessitated by the proposed project.

Aesthetic Resources

The proposed Action could result in an increase in usership in certain areas designated as Recreational Boating Areas, and the number of boats in these areas. However, it is not expected that an increase in usership would adversely alter the visual and aesthetic character of these Reservoirs. The Recreational Boating Areas and Boat Launch areas are on City property. There are no residences immediately adjacent to any of the boat launch areas.

The increase in boats on the reservoir should not drastically alter the views of the reservoir given the limited number of boaters at any one given time, as discussed above who are likely to be spread out across the designated areas in the Reservoir.

Changes to the shoreline are minimal. A kiosk and flagpole at the proposed boat launch sites would be constructed in each area and the gravel parking areas will be improved. These changes would minimally change views of the shoreline in several small sites spread out around each of the reservoirs. The overall appearance of the shoreline would not change.

Thus, no significant adverse impact to aesthetic resources is anticipated as a result of the proposed action.

Air Quality

It is anticipated that there could be some additional vehicle traffic to these reservoirs as a result of designating portions of the reservoirs as Recreational Boating Areas. The number of boat visits is anticipated to be 10 trips per week for Schoharie, 15 for Neversink and 20 boat trips per week at Pepacton Reservoirs. These visitors would travel in vehicles spread throughout each of the reservoirs. These additional vehicles are not expected to result in concentrations of emission sources significantly greater than those that currently exist. Again, no motorized recreational vessels are allowed on the Reservoir.

Therefore, no significant adverse air quality impact is anticipated.

Noise

The Recreational Boating Areas would prohibit the use of motorized recreational equipment on watershed lands and waters as specified in the RCNY. The additional boats on the reservoir are not anticipated to create significant noise impacts.

The Recreational Boat Areas and launch sites are on City property and are not directly adjacent to any residences. The closest distances from a launch site to nearby residences are approximately 400 feet, 1000 feet and one mile away from the launch sites at Pepacton, Schoharie and Neversink Reservoirs, respectively.

An increased number of recreational users talking and paddling has the potential to increase noise levels. But these boat users would likely be spread out across the Reservoirs and not be concentrated in one particular area while they are recreating on the Reservoir. As mentioned above, it is anticipated that the maximum number of users would be limited by the number of parking spots. Also boating would only be permitted from Sunrise to Sundown from Memorial Day to Columbus Day.

Therefore, it is not anticipated that a significant adverse noise related impact would occur as a result of the Proposed Action.

Traffic and Parking

It is possible that there could be some additional vehicle traffic to each of the Reservoirs as a result of designating portions of the Reservoir as Recreational Boating Areas. The additional vehicles would be limited at any one given time by total the number of parking spaces, which is 20, 12 and 42 for Schoharie, Neversink and Pepacton, respectively.

It is unlikely that all would be used at the same time and when they are used they would be occupied for multiple hours. In addition, user vehicles would not be concentrated in one area but would be spread out across the boat launch sites.

The two proposed boat launch sites on the Neversink Reservoir would be accessed from Aden Road. Aden Road is classified as a Rural Local Roadway. A traffic study was completed in 2011 as part of the "West Hudson Reservoirs Speed Limit Study." The 24 hour traffic volume measured varied between 157 and 401 vehicles. According to the "Green Book" published by the American Association of State Highway and Transportation Officials, roadways with less than 400 vehicles per day are classified as low volume roadways. Based on the volumes obtained, the roadways adjacent to the Neversink Reservoir essentially meet such criteria. With these low vehicle volumes on local roadways, the additional vehicles accessing the proposed recreational boating launch sites are not anticipated to contribute high enough levels of traffic on these roads to result in an adverse impact on the road network

The two proposed boat launch sites on the Schoharie Reservoir would be accessed from Snyder Cove Gate 22 and Devasego Park. Snyder Cove Gate 22 is near Intake Road/Road Seven which is an unpaved gravel road and sees very limited vehicle traffic. The majority of vehicles that use this road are DEP vehicles traveling to and from the Shandaken Tunnel Intake Chamber. This road is unclassified but if classified it is assumed to be a low volume roadway. Devasego Park nearby Greene County Road 7 is classified as a rural minor arterial roadway. A traffic study was completed in 2011 as part of the "West Hudson Reservoirs Speed Limit Study" yielded a traffic count of 1118 vehicles in 24 hours. According to the "Green Book" published by the American Association of State Highway and Transportation Officials, roadways with less than 2,000 vehicles per day are classified as Rural Minor Arterials. With these low vehicle volumes on local roadways, the additional vehicles accessing the proposed recreational boating launch sites are not anticipated to contribute high enough levels of traffic on these roads to result in an adverse impact on the road network

The three proposed boat launch sites on the Pepacton Reservoir would be accessed from Arena, Shavertown and Raynor Brook. A traffic study was completed in 2011 as part of the "West Hudson Reservoirs Speed Limit Study". Arena is near Mill Brook Road and Raynor Brook is near Huntley Hollow both of these roadways carry less than 400 per day (334 and 349 vehicles in 24 hours) and are classified as low volume roadways. Shavertown boat launch is adjacent to Shavertown Bridge on NYC Road # 4 near the intersection with State Route 30 (traffic county of 546 vehicles in 24 hours) and is classified as a Rural Local Roadway. According to the "Green Book" published by the American Association of State Highway and Transportation Officials, roadways with less than 2,000 vehicles per day are classified as Rural Minor Arterials. Based on the volumes obtained, the roadways adjacent to the Pepacton Reservoir essentially meet such criteria. With these low vehicle volumes on local roadways, the additional vehicles accessing the proposed recreational boating launch sites are not anticipated to contribute high enough levels of traffic on these roads to result in an adverse impact on the road network.

Therefore, no significant traffic or parking impacts would be anticipated as a result of the proposed action.

Public Health and Safety

The Proposed Action is intended to increase the availability of recreational boating opportunities without weakening the water supply protections provided by the RCNY. Water flowing from these would later be disinfected. Water Quality would continue to be monitored regularly to take

note of any changes that may result from increased boating, and DEP could limit or prohibit access where needed. Therefore the Proposed action is not anticipated to result in a significant adverse public health impact to the users of the New York City Water Supply System.

Recreational boating activities would be taken at the user's own risk. DEP Police would coordinate with the County Emergency Services and local rescue services for emergency response and recovery preparation and actions. The program may be suspended or adjusted at any time in response to changing conditions such as a major flood or drought event. Furthermore certain areas of the reservoir would be restricted and indicated as such with buoys and signs to protect public safety.

Therefore it is not anticipated that the proposed action would significantly impact public safety.

Hazardous Materials

No motorized boats would be allowed on the reservoir, so there is no potential for gasoline leaks from recreational boats. All vehicles must be parked in the parking lot and are not allowed to be driven to the reservoirs' edges. All boats would be hand carried. This minimizes the potential for any automotive fluids or fuels from entering the reservoir. Parking would be permitted only from sunrise to sunset. No overnight parking would be permitted. DEP would monitor the boat launch locations. If a leak was noticed from one of the vehicles, it would be contained and cleaned by the DEP Hazardous Materials team. DEP has not had a problem with leaking vehicles under the existing boating program, and given that no motorized boats are allowed on the Reservoir, it is not anticipated that there is a high potential for contaminants to be introduced to the Reservoir or surrounding lands as a result of the proposed action.

Introducing recreational boating at Schoharie, Pepacton, and Neversink Reservoirs is not anticipated to have any hazardous material impacts.

Infrastructure

Under the proposed action to designate portions of certain portions of the Reservoirs would also be restricted to protect NYC Water Supply Infrastructure. All boating is currently restricted within 500 feet of the intakes and dams as per the Recreation Rules and Regulations. Buoys would be used to mark and indicate buffer areas for tunnel intakes, bridges and areas of the reservoir that are off limits.

Therefore it is not anticipated that the proposed action would result in any significant impacts to NYC water infrastructure.

Construction

The designation of Recreational Boating Area would involve construction of new parking lots, kiosks, boat launch ramps, and stormwater BMPs. Any construction impacts, if any, would be very short-term, anticipated to be less than one month. All work is on DEP property and not in the vicinity of any residences or commercial businesses. Therefore, no significant construction impacts would be anticipated as a result of creation of the boat launch sites.

617.20
Appendix A
State Environmental Quality Review
FULL ENVIRONMENTAL ASSESSMENT FORM

Purpose: The full EAF is designed to help applicants and agencies determine, in an orderly manner, whether a project or action may be significant. The question of whether an action may be significant is not always easy to answer. Frequently, there are aspects of a project that are subjective or unmeasurable. It is also understood that those who determine significance may have little or no formal knowledge of the environment or may not be technically expert in environmental analysis. In addition, many who have knowledge in one particular area may not be aware of the broader concerns affecting the question of significance.

The full EAF is intended to provide a method whereby applicants and agencies can be assured that the determination process has been orderly, comprehensive in nature, yet flexible enough to allow introduction of information to fit a project or action.

Full EAF Components: The full EAF is comprised of three parts:

- Part 1:** Provides objective data and information about a given project and its site. By identifying basic project data, it assists a reviewer in the analysis that takes place in Parts 2 and 3.
- Part 2:** Focuses on identifying the range of possible impacts that may occur from a project or action. It provides guidance as to whether an impact is likely to be considered small to moderate or whether it is a potentially-large impact. The form also identifies whether an impact can be mitigated or reduced.
- Part 3:** If any impact in Part 2 is identified as potentially-large, then Part 3 is used to evaluate whether or not the impact is actually important.

THIS AREA FOR LEAD AGENCY USE ONLY

DETERMINATION OF SIGNIFICANCE -- Type 1 and Unlisted Actions

Identify the Portions of EAF completed for this project:

Part 1

Part 2

Part 3

Upon review of the information recorded on this EAF (Parts 1 and 2 and 3 if appropriate), and any other supporting information, and considering both the magnitude and importance of each impact, it is reasonably determined by the lead agency that:

- A. The project will not result in any large and important impact(s) and, therefore, is one which **will not** have a significant impact on the environment, therefore a **negative declaration will be prepared**.
- B. Although the project could have a significant effect on the environment, there will not be a significant effect for this Unlisted Action because the mitigation measures described in PART 3 have been required, therefore a **CONDITIONED negative declaration will be prepared.***
- C. The project may result in one or more large and important impacts that may have a significant impact on the environment, therefore a **positive declaration will be prepared**.

*A Conditioned Negative Declaration is only valid for Unlisted Actions

Proposed Expansion of Recreational Boating at Schoharie, Neversink and Pepacton Reservoirs

Name of Action

New York City Department of Environmental Protection

Name of Lead Agency

Angela Licata

Deputy Commissioner

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer



Signature of Responsible Officer in Lead Agency



Signature of Preparer (If different from responsible officer)

3/27/12

Date

PART 1--PROJECT INFORMATION

Prepared by Project Sponsor

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action Proposed Expansion of Recreational Boating at Neversink, Pepacton and Schoharie Reservoirs

Location of Action (include Street Address, Municipality and County)

Neversink Reservoir, Town Neversink, Sullivan County; Pepacton Reservoir, Towns Colchester, Andes, Middletown, Delaware County; and Schoharie Reservoir

Name of Applicant/Sponsor John Vickers, P.E., Bureau of Water Supply

Address P.O. Box D

City / PO Downsville

State NY

Zip Code 13755

Business Telephone (607) 363-7000

Name of Owner (if different) _____

Address _____

City / PO _____

State _____

Zip Code _____

Business Telephone _____

Description of Action:

The New York City Department of Environmental Protection (DEP) proposes to designate portions of Schoharie Reservoir in Schoharie, Delaware and Greene Counties, Pepacton Reservoir in Delaware County, and Neversink Reservoir in Sullivan county as Recreational Boating Areas as defined in proposed amendments to Title 15, Chapter 16 of the Rules of the City of New York, the existing rules governing the recreational use of New York City water supply lands and waters (Existing Rules). Current boating rules only allow boating for fishing purposes and restrict the types of boats. Under the expanded boating rules, canoes, sculls, small sailboats with removable center/dagger boards and certain jonboats and kayaks would be allowed. Inflatable boats, collapsible boats and motorized boats are prohibited. DEP would continue to ensure that appropriate protections to water quality and security.

This expanded boating program a would occur annually from Memorial Day Weekend to Columbus Day weekend. To support the expanded boating program, DEP proposes to create boat launch areas at each reservoir. Two boat launch sites are proposed at Schoharie Reservoir at Gate 22 Snyder's Cove in the Town of Gilboa and Devasego Park in the Town of Prattsville. Two boat launch sites are proposed at Neversink Reservoir at Kramer's Cove and Chandler's Cove in the Town of Neversink. Three boat launch sites are proposed at the Pepacton Reservoir including Raynor Brook in the Town of Colchester, Shavertown Bridge in the Town of Andes and Arena in the Town of Middletown. Each boat launch area will consist of a parking area, an information kiosk, portable toilets, a flagpole in addition to signage as needed. The parking areas and the access roads to be installed will be composed of gravel except where paved access roads already exist.

Please Complete Each Question--Indicate N.A. if not applicable

A. SITE DESCRIPTION

Physical setting of overall project, both developed and undeveloped areas.

1. Present Land Use: Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Other New York City-Owned Reservoirs

2. Total acreage of project area: 7203.7 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	<u>3.7</u> acres	<u>0</u> acres
Forested	<u>0</u> acres	<u>0</u> acres
Agricultural (Includes orchards, cropland, pasture, etc.)	<u>0</u> acres	<u>0</u> acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	<u>0</u> acres	<u>0</u> acres
Water Surface Area	<u>7200</u> acres	<u>7200</u> acres
Unvegetated (Rock, earth or fill)	<u>0</u> acres	<u>0</u> acres
Roads, buildings and other paved surfaces	<u> </u> acres	<u> </u> acres
Other (Indicate type) <u>improved lots, boat launch sites</u>	<u>0</u> acres	<u>3.7</u> acres

3. What is predominant soil type(s) on project site?

- a. Soil drainage: Well drained 100% of site Moderately well drained % of site.
 Poorly drained % of site

b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? N/A acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site? Yes No

a. What is depth to bedrock Varies (in feet)

5. Approximate percentage of proposed project site with slopes:

- 0-10% 100% 10- 15% % 15% or greater %

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or National Registers of Historic Places? Yes No

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks? Yes No

8. What is the depth of the water table? varies (in feet)

9. Is site located over a primary, principal, or sole source aquifer? Yes No

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area? Yes No

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered? Yes No

According to:

NYSDEC

Identify each species:

There are Bald Eagle nesting sites in the vicinity of the proposed project. Boat launch sites have been selected in discussion with NYSDEC and restrictions on boating have been incorporated to minimize impacts to eagle habitats.

12. Are there any unique or unusual land forms on the project site? (i.e., cliffs, dunes, other geological formations?)

Yes No

Describe:

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?

Yes No

If yes, explain:

Currently the Reservoirs and some of the boat launch sites and parking lots are currently used for recreational fishing. The plan is to improve these lots with additional gravel, kiosks and portable toilets.

14. Does the present site include scenic views known to be important to the community? Yes No

15. Streams within or contiguous to project area:

None

a. Name of Stream and name of River to which it is tributary

16. Lakes, ponds, wetland areas within or contiguous to project area:

b. Size (in acres):

17. Is the site served by existing public utilities? Yes No
- a. If YES, does sufficient capacity exist to allow connection? Yes No
- b. If YES, will improvements be necessary to allow connection? Yes No
18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? Yes No
19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617? Yes No
20. Has the site ever been used for the disposal of solid or hazardous wastes? Yes No

B. Project Description

1. Physical dimensions and scale of project (fill in dimensions as appropriate).
- a. Total contiguous acreage owned or controlled by project sponsor: 9500 acres.
- b. Project acreage to be developed: 3.7 acres initially; 3.7 acres ultimately.
- c. Project acreage to remain undeveloped: 9496 acres.
- d. Length of project, in miles: N/A (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. %
- f. Number of off-street parking spaces existing 0; proposed 74
- g. Maximum vehicular trips generated per hour: N/A (upon completion of project)?
- h. If residential: Number and type of housing units:
- | | One Family | Two Family | Multiple Family | Condominium |
|------------|------------|------------|-----------------|-------------|
| Initially | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| Ultimately | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
- i. Dimensions (in feet) of largest proposed structure: N/A height; N/A width; N/A length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? 63 ft.
2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 0 tons/cubic yards.
3. Will disturbed areas be reclaimed Yes No N/A
- a. If yes, for what intended purpose is the site being reclaimed?
- Improved parking lots for boat launch site. Additional disturbed areas would be seeded and mulched.
- b. Will topsoil be stockpiled for reclamation? Yes No
- c. Will upper subsoil be stockpiled for reclamation? Yes No
4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? 3.7 acres.

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

Yes No

6. If single phase project: Anticipated period of construction: 1 months, (including demolition)

7. If multi-phased:

a. Total number of phases anticipated _____ (number)

b. Anticipated date of commencement phase 1: _____ month _____ year, (including demolition)

c. Approximate completion date of final phase: _____ month _____ year.

d. Is phase 1 functionally dependent on subsequent phases? Yes No

8. Will blasting occur during construction? Yes No

9. Number of jobs generated: during construction 0; after project is complete 2 PT steam cleaning per reservoir

10. Number of jobs eliminated by this project 0.

11. Will project require relocation of any projects or facilities? Yes No

If yes, explain:

12. Is surface liquid waste disposal involved? Yes No

a. If yes, indicate type of waste (sewage, industrial, etc) and amount _____

b. Name of water body into which effluent will be discharged _____

13. Is subsurface liquid waste disposal involved? Yes No Type _____

14. Will surface area of an existing water body increase or decrease by proposal? Yes No

If yes, explain:

15. Is project or any portion of project located in a 100 year flood plain? Yes No

16. Will the project generate solid waste? Yes No

a. If yes, what is the amount per month? _____ tons

b. If yes, will an existing solid waste facility be used? Yes No

c. If yes, give name _____; location _____

d. Will any wastes not go into a sewage disposal system or into a sanitary landfill? Yes No

e. If yes, explain:

17. Will the project involve the disposal of solid waste? Yes No

a. If yes, what is the anticipated rate of disposal? _____ tons/month.

b. If yes, what is the anticipated site life? _____ years.

18. Will project use herbicides or pesticides? Yes No

19. Will project routinely produce odors (more than one hour per day)? Yes No

20. Will project produce operating noise exceeding the local ambient noise levels? Yes No

21. Will project result in an increase in energy use? Yes No

If yes, indicate type(s)

22. If water supply is from wells, indicate pumping capacity N/A gallons/minute.

23. Total anticipated water usage per day N/A gallons/day.

24. Does project involve Local, State or Federal funding? Yes No

If yes, explain:

Catskill Watershed Corporation will fund Portable toilets, steam cleaning vendors and miscellaneous materials

DEP will fund construction and management of program.

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, Town, Village Planning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, Town Zoning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, County Health Department	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
Other Local Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
Other Regional Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
State Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
Federal Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____

C. Zoning and Planning Information

1. Does proposed action involve a planning or zoning decision? Yes No

If Yes, indicate decision required:

- | | | | |
|---|---|--|--------------------------------------|
| <input type="checkbox"/> Zoning amendment | <input type="checkbox"/> Zoning variance | <input type="checkbox"/> New/revision of master plan | <input type="checkbox"/> Subdivision |
| <input type="checkbox"/> Site plan | <input type="checkbox"/> Special use permit | <input type="checkbox"/> Resource management plan | <input type="checkbox"/> Other |

2. What is the zoning classification(s) of the site?

N/A

3. What is the maximum potential development of the site if developed as permitted by the present zoning?

N/A

4. What is the proposed zoning of the site?

N/A

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?

N/A

6. Is the proposed action consistent with the recommended uses in adopted local land use plans? Yes No

7. What are the predominant land use(s) and zoning classifications within a ¼ mile radius of proposed action?

NA

8. Is the proposed action compatible with adjoining/surrounding land uses with a ¼ mile? Yes No

9. If the proposed action is the subdivision of land, how many lots are proposed? N/A

a. What is the minimum lot size proposed? N/A

10. Will proposed action require any authorization(s) for the formation of sewer or water districts? Yes No

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection)?

Yes No

a. If yes, is existing capacity sufficient to handle projected demand? Yes No

12. Will the proposed action result in the generation of traffic significantly above present levels? Yes No

a. If yes, is the existing road network adequate to handle the additional traffic. Yes No

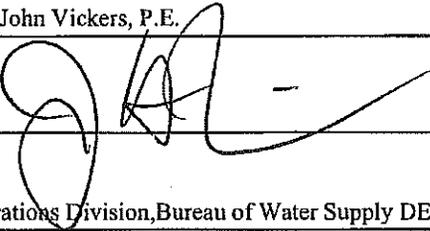
D. Informational Details

Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

E. Verification

I certify that the information provided above is true to the best of my knowledge.

Applicant/Sponsor Name John Vickers, P.E. Date 26 March 2012

Signature 

Title Chief, Western Operations Division, Bureau of Water Supply DEP

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment.

PART 2 - PROJECT IMPACTS AND THEIR MAGNITUDE

Responsibility of Lead Agency

General Information (Read Carefully)

- ! In completing the form the reviewer should be guided by the question: Have my responses and determinations been **reasonable**? The reviewer is not expected to be an expert environmental analyst.
- ! The **Examples** provided are to assist the reviewer by showing types of impacts and wherever possible the threshold of magnitude that would trigger a response in column 2. The examples are generally applicable throughout the State and for most situations. But, for any specific project or site other examples and/or lower thresholds may be appropriate for a Potential Large Impact response, thus requiring evaluation in Part 3.
- ! The impacts of each project, on each site, in each locality, will vary. Therefore, the examples are illustrative and have been offered as guidance. They do not constitute an exhaustive list of impacts and thresholds to answer each question.
- ! The number of examples per question does not indicate the importance of each question.
- ! In identifying impacts, consider long term, short term and cumulative effects.

Instructions (Read carefully)

- a. Answer each of the 20 questions in PART 2. Answer **Yes** if there will be **any** impact.
- b. **Maybe** answers should be considered as **Yes** answers.
- c. If answering **Yes** to a question then check the appropriate box(column 1 or 2)to indicate the potential size of the impact. If impact threshold equals or exceeds any example provided, check column 2. If impact will occur but threshold is lower than example, check column 1.
- d. Identifying that an Impact will be potentially large (column 2) does not mean that it is also necessarily **significant**. Any large impact must be evaluated in PART 3 to determine significance. Identifying an impact in column 2 simply asks that it be looked at further.
- e. If reviewer has doubt about size of the impact then consider the impact as potentially large and proceed to PART 3.
- f. If a potentially large impact checked in column 2 can be mitigated by change(s) in the project to a small to moderate impact, also check the **Yes** box in column 3. A **No** response indicates that such a reduction is not possible. This must be explained in Part 3.

	1	2	3
	Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

Impact on Land

1. Will the Proposed Action result in a physical change to the project site?

NO YES

Examples that would apply to column 2

- | | | | | |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Any construction on slopes of 15% or greater, (15 foot rise per 100 foot of length), or where the general slopes in the project area exceed 10%. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction on land where the depth to the water table is less than 3 feet. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction of paved parking area for 1,000 or more vehicles. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction that will continue for more than 1 year or involve more than one phase or stage. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e., rock or soil) per year. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Construction or expansion of a sanitary landfill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction in a designated floodway.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

3.7 acres of sites would be improved gravel parking lots/boat launch sites.

2. Will there be an effect to any unique or unusual land forms found on the site? (i.e., cliffs, dunes, geological formations, etc.)

NO YES

• Specific land forms:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
------------------------	--------------------------	--------------------------	--

Impact on Water

3. Will Proposed Action affect any water body designated as protected? (Under Articles 15, 24, 25 of the Environmental Conservation Law, ECL)

NO YES

Examples that would apply to column 2

• Developable area of site contains a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Dredging more than 100 cubic yards of material from channel of a protected stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Extension of utility distribution facilities through a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction in a designated freshwater or tidal wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

4. Will Proposed Action affect any non-protected existing or new body of water?

NO YES

Examples that would apply to column 2

• A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction of a body of water that exceeds 10 acres of surface area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

1	2	3	
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change	

6. Will Proposed Action alter drainage flow or patterns, or surface water runoff?

NO YES

Examples that would apply to column 2

- | | | | | |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action would change flood water flows | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action may cause substantial erosion. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action is incompatible with existing drainage patterns. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow development in a designated floodway. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

IMPACT ON AIR

7. Will Proposed Action affect air quality?

NO YES

Examples that would apply to column 2

- | | | | | |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action will induce 1,000 or more vehicle trips in any given hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in the incineration of more than 1 ton of refuse per hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow an increase in the amount of land committed to industrial use. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow an increase in the density of industrial development within existing industrial areas. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

IMPACT ON PLANTS AND ANIMALS

8. Will Proposed Action affect any threatened or endangered species?

NO YES

Examples that would apply to column 2

- | | | | | |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Reduction of one or more species listed on the New York or Federal list, using the site, over or near the site, or found on the site. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Removal of any portion of a critical or significant wildlife habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

9. Will Proposed Action substantially affect non-threatened or non-endangered species?

NO YES

Examples that would apply to column 2

• Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON AGRICULTURAL LAND RESOURCES

10. Will Proposed Action affect agricultural land resources?

NO YES

Examples that would apply to column 2

• The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction activity would excavate or compact the soil profile of agricultural land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• The Proposed Action would irreversibly convert more than 10 acres of agricultural land or, if located in an Agricultural District, more than 2.5 acres of agricultural land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g., subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON AESTHETIC RESOURCES

11. Will Proposed Action affect aesthetic resources? (If necessary, use the Visual EAF Addendum in Section 617.20, Appendix B.)

NO YES

Examples that would apply to column 2

• Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed land uses, or project components visible to users of aesthetic resources which will eliminate or significantly reduce their enjoyment of the aesthetic qualities of that resource.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Project components that will result in the elimination or significant screening of scenic views known to be important to the area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES

12. Will Proposed Action impact any site or structure of historic, prehistoric or paleontological importance?

NO YES

Examples that would apply to column 2

• Proposed Action occurring wholly or partially within or substantially contiguous to any facility or site listed on the State or National Register of historic places.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Any impact to an archaeological site or fossil bed located within the project site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON OPEN SPACE AND RECREATION

13. Will proposed Action affect the quantity or quality of existing or future open spaces or recreational opportunities?
 NO YES

Examples that would apply to column 2

• The permanent foreclosure of a future recreational opportunity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• A major reduction of an open space important to the community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Increase recreational boating opportunities and benefits.

IMPACT ON CRITICAL ENVIRONMENTAL AREAS

14. Will Proposed Action impact the exceptional or unique characteristics of a critical environmental area (CEA) established pursuant to subdivision 6NYCRR 617.14(g)?
 NO YES

List the environmental characteristics that caused the designation of the CEA.

Examples that would apply to column 2

• Proposed Action to locate within the CEA?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will result in a reduction in the quantity of the resource?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will result in a reduction in the quality of the resource?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will impact the use, function or enjoyment of the resource?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

1	2	3
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

IMPACT ON TRANSPORTATION

15. Will there be an effect to existing transportation systems?

NO YES

Examples that would apply to column 2

- | | | | | |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Alteration of present patterns of movement of people and/or goods. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in major traffic problems. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

IMPACT ON ENERGY

16. Will Proposed Action affect the community's sources of fuel or energy supply?

NO YES

Examples that would apply to column 2

- | | | | | |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two family residences or to serve a major commercial or industrial use. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

NOISE AND ODOR IMPACT

17. Will there be objectionable odors, noise, or vibration as a result of the Proposed Action?

NO YES

Examples that would apply to column 2

- | | | | | |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Blasting within 1,500 feet of a hospital, school or other sensitive facility. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Odors will occur routinely (more than one hour per day). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will remove natural barriers that would act as a noise screen. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Proposed Action will set an important precedent for future projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will create or eliminate employment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

20. Is there, or is there likely to be, public controversy related to potential adverse environment impacts?

- NO YES

If Any Action in Part 2 Is Identified as a Potential Large Impact or If you Cannot Determine the Magnitude of Impact, Proceed to Part 3

Part 3 - EVALUATION OF THE IMPORTANCE OF IMPACTS

Responsibility of Lead Agency

Part 3 must be prepared if one or more impact(s) is considered to be potentially large, even if the impact(s) may be mitigated.

Instructions (If you need more space, attach additional sheets)

Discuss the following for each impact identified in Column 2 of Part 2:

1. Briefly describe the impact.
2. Describe (if applicable) how the impact could be mitigated or reduced to a small to moderate impact by project change(s).
3. Based on the information available, decide if it is reasonable to conclude that this impact is **important**.

To answer the question of importance, consider:

- ! The probability of the impact occurring
- ! The duration of the impact
- ! Its irreversibility, including permanently lost resources of value
- ! Whether the impact can or will be controlled
- ! The regional consequence of the impact
- ! Its potential divergence from local needs and goals
- ! Whether known objections to the project relate to this impact.

