

Appendix C
Natural Resources

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife and Marine Resources
New York Natural Heritage Program
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December 24, 2015

Sarah Vorsanger
AKRF Environmental and Planning Consultants
440 Park Ave South, 7th Floor
New York, NY 10016

Re: Bronx Psychiatric Center Redevelopment Project
Town/City: City Of New York. County: Bronx.

Dear Sarah Vorsanger:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of rare or state-listed animals or plants, or significant natural communities at your site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; 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.

Sincerely,

A handwritten signature in black ink that reads "Andrea Chaloux". The signature is written in a cursive, flowing style.

Andrea Chaloux
Environmental Review Specialist
New York Natural Heritage Program

Table C-1
Vegetation Identified within the Project Site and Study Area

Common Name	Scientific Name	Stratum
Norway maple	<i>Acer platanoides</i>	Tree
Tree of heaven	<i>Ailanthus altissima</i>	Tree
Porcelainberry	<i>Ampelopsis brevipedunculata</i>	Vine
Dog's bane	<i>Apocynum cannabinum</i>	Herb
Greater burdock	<i>Arctium lappa</i>	Herb
Common mugwort	<i>Artemisia vulgaris</i>	Herb
Hedge bindweed	<i>Calystegia sepium</i>	Herb
Asiatic bittersweet	<i>Celastrus orbiculatus</i>	Vine
Hackberry	<i>Celtis occidentalis</i>	Tree
Spotted knapweed	<i>Centaurea maculosa</i>	Herb
Lamb's quarters	<i>Chenopodium album</i>	Herb
Chicory	<i>Cichorium intybus</i>	Herb
Tall thistle	<i>Cirsium altissimum</i>	Herb
Asiatic dayflower	<i>Commelina communis</i>	Herb
Queen Anne's lace	<i>Daucus carota</i>	Herb
Crabgrass	<i>Digitaria sp</i>	Herb
Honey locust	<i>Gleditsia triacanthos</i>	Tree
English ivy	<i>Hedera helix</i>	Vine
American holly	<i>Ilex opaca</i>	Shrub
Red cedar	<i>Juniperus virginiana</i>	Tree
Privet	<i>Ligustrum sp</i>	Shrub
Sweetgum	<i>Liquidambar styraciflua</i>	Tree
Japanese honeysuckle	<i>Lonicera japonica</i>	Vine
Magnolia	<i>Magnolia sp</i>	Tree
Crabapple	<i>Malus sp</i>	Tree
Apple	<i>Malus sp</i>	Tree
White mulberry	<i>Morus alba</i>	Tree
Common evening primrose	<i>Oenothera biennis</i>	Herb
Virginia creeper	<i>Parthenocissus quinquefolia</i>	Vine
Nodding smartweed	<i>Persicaria lapathifolia</i>	Herb
Lady's thumb	<i>Persicaria maculosa</i>	Herb
Common reed	<i>Phragmites australis</i>	Herb
Pokeweed	<i>Phytolacca americana</i>	Herb
Norway spruce	<i>Picea abies</i>	Tree

Table C-1 (cont'd)
Vegetation Identified within the Project Site and Study Area

Common Name	Scientific Name	Stratum
Blue spruce	<i>Picea pungens</i>	Tree
Black pine	<i>Pinus nigra</i>	Tree
Eastern white pine	<i>Pinus strobus</i>	Tree
Scotch pine	<i>Pinus sylvestris</i>	Tree
English plantain	<i>Plantago lanceolata</i>	Herb
Common plantain	<i>Plantago major</i>	Herb
Kentucky bluegrass	<i>Poa pratensis</i>	Herb
Japanese knotweed	<i>Polygonum cuspidatum</i>	Herb
Eastern cottonwood	<i>Populus deltoides</i>	Tree
Pin oak	<i>Quercus palustris</i>	Tree
Willow oak	<i>Quercus phellos</i>	Tree
Common buckthorn	<i>Rhamnus cathartica</i>	Shrub
Multiflora rose	<i>Rosa multiflora</i>	Shrub
Curly dock	<i>Rumex crispus</i>	Herb
Bitter dock	<i>Rumex obtusifolius</i>	Herb
Weeping willow	<i>Salix babylonica</i>	Tree
Early goldenrod	<i>Solidago juncea</i>	Herb
Gray goldenrod	<i>Solidago nemoralis</i>	Herb
Heath aster	<i>Symphotrichum ericoides</i>	Herb
Lilac	<i>Syringa vulgaris</i>	Shrub
Dandelion	<i>Taraxacum officinale</i>	Herb
Bald cypress	<i>Taxodium distichum</i>	Tree
American basswood	<i>Tilia americana</i>	Tree
Poison ivy	<i>Toxicodendron radicans</i>	Vine
White clover	<i>Trifolium repens</i>	Herb
Siberian elm	<i>Ulmus pumila</i>	Tree
Common mullein	<i>Verbascum thapsus</i>	Herb
Japanese zelkova	<i>Zelkova serrata</i>	Tree

Notes: Boldface type denotes New York state-listed endangered species.
Sources: AKRF, Inc. reconnaissance investigation on September 18, 2015.

Table C-2
NYS Breeding Bird Atlas 2000-2005 for Block 5952C

Common Name	Scientific Name
Red-winged blackbird	<i>Agelaius phoeniceus</i>
Mallard	<i>Anas platyrhynchos</i>
Great egret	<i>Ardea alba</i>
Tufted titmouse	<i>Baeolophus bicolor</i>
Cedar waxwing	<i>Bombycilla cedrorum</i>
Canada goose	<i>Branta canadensis</i>
Red-tailed hawk	<i>Buteo jamaicensis</i>
Northern cardinal	<i>Cardinalis cardinalis</i>
House finch	<i>Carpodacus mexicanus</i>
Chimney swift	<i>Chaetura pelagica</i>
Killdeer	<i>Charadrius vociferus</i>
Marsh wren	<i>Cistothorus palustris</i>
Northern flicker	<i>Colaptes auratus</i>
Rock pigeon	<i>Columba livia</i>
Eastern wood-pewee	<i>Contopus virens</i>
American crow	<i>Corvus brachyrhynchos</i>
Fish crow	<i>Corvus ossifragus</i>
Blue jay	<i>Cyanocitta cristata</i>
Mute swan	<i>Cygnus olor</i>
Yellow warbler	<i>Dendroica petechia</i>
Gray catbird	<i>Dumetella carolinensis</i>
Little Blue heron	<i>Egretta caerulea</i>
Snowy egret	<i>Egretta thula</i>
Willow flycatcher	<i>Empidonax traillii</i>
American kestrel	<i>Falco sparverius</i>
Common yellowthroat	<i>Geothlypis trichas</i>
Barn swallow	<i>Hirundo rustica</i>
Wood thrush	<i>Hylocichla mustelina</i>
Baltimore oriole	<i>Icterus galbula</i>
Orchard oriole	<i>Icterus spurius</i>
Great black-backed gull	<i>Larus marinus</i>
Red-bellied woodpecker	<i>Melanerpes carolinus</i>
Wild turkey	<i>Meleagris gallopavo</i>
Swamp sparrow	<i>Melospiza georgiana</i>

Table C-2 (cont'd)
NYS Breeding Bird Atlas 2000-2005 for Block 5952C

Common Name	Scientific Name
Song sparrow	<i>Melospiza melodia</i>
Northern mockingbird	<i>Mimus polyglottos</i>
Brown-headed cowbird	<i>Molothrus ater</i>
Great Crested flycatcher	<i>Myiarchus crinitus</i>
Monk parakeet	<i>Myiopsitta monachus</i>
Yellow-crowned night-heron	<i>Nyctanassa violacea</i>
Black-crowned night-heron	<i>Nycticorax nycticorax</i>
House sparrow	<i>Passer domesticus</i>
Savannah sparrow	<i>Passerculus sandwichensis</i>
Ring-necked pheasant	<i>Phasianus colchicus</i>
Downy woodpecker	<i>Picoides pubescens</i>
Hairy woodpecker	<i>Picoides villosus</i>
Eastern towhee	<i>Pipilo erythrophthalmus</i>
Glossy ibis	<i>Plegadis falcinellus</i>
Black-capped chickadee	<i>Poecile atricapillus</i>
Common grackle	<i>Quiscalus quiscula</i>
White-breasted nuthatch	<i>Sitta carolinensis</i>
American goldfinch	<i>Spinus tristis</i>
Chipping sparrow	<i>Spizella passerina</i>
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>
European starling	<i>Sturnus vulgaris</i>
Tree swallow	<i>Tachycineta bicolor</i>
Carolina wren	<i>Thryothorus ludovicianus</i>
House wren	<i>Troglodytes aedon</i>
American robin	<i>Turdus migratorius</i>
Eastern kingbird	<i>Tyrannus tyrannus</i>
Warbling vireo	<i>Vireo gilvus</i>
Red-eyed vireo	<i>Vireo olivaceus</i>
Mourning dove	<i>Zenaida macroura</i>

Source: 2000-2005 NYS Breeding Bird Atlas for Block 5952C

Table C-3
Reptiles and Amphibians Documented by the NYSDEC Herp
Atlas Project in the Flushing Census Quadrant

Common Name	Scientific Name
Spotted salamander	<i>Ambystoma maculatum</i>
Fowler's toad	<i>Bufo fowleri</i>
Common snapping turtle	<i>Chelydra s. serpentina</i>
Painted turtle	<i>Chrysemys picta</i>
Northern two-lined salamander	<i>Eurycea bislineata</i>
Gray treefrog	<i>Hyla versicolor</i>
Italian wall lizard	<i>Podarcis sicula</i>
Northern spring peeper	<i>Pseudacris c. crucifer</i>
Eastern redbelly turtle	<i>Pseudemys rubriventris</i>
Bullfrog	<i>Rana catesbeiana</i>
Green frog	<i>Rana clamitans melanota</i>
Wood frog	<i>Rana sylvatica</i>
Northern brown snake	<i>Storeria dekayi</i>
Eastern box turtle	<i>Terrapene c. carolina</i>
Red-eared slider	<i>Trachemys scripta elegans</i>
Source: 1990-1999 NYS Herp Atlas Project for the Flushing USGS Quadrangle	