

Manhasset Bay Classification (2022)

Manhasset Bay is broken into three portions according to the New York State Department of Environmental Conservation (NYSDEC) Waterbody Inventory/Priority Waterbodies List. These portions, their descriptions, and other details are summarized in Table 1. Portions 1 and 2 of Manhasset Bay are also on the NYS Section 303(d) List of Impaired/TMDL Waters.

Waterbody Inventory and Priority Waterbodies List

In order to fulfill certain requirements of the Federal Clean Water Act, the NYSDEC must provide regular, periodic assessments of the quality of the water resources in the state and their ability to support specific uses. Information is compiled by NYSDEC Division of Water and merged into an inventory database of all waterbodies in New York State. The database is used to record current water quality information, characterize known and/or suspected water quality problems and issues, and track progress toward their resolution. This inventory of water quality information is the Waterbody Inventory/Priority Waterbodies List (WI/PWL).

Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy¹

Section 303(d) of the Clean Water Act requires states to identify Impaired Waters, where specific designated uses are not fully supported, and for which the state must consider the development of a Total Maximum Daily Load (TMDL) or other strategy to reduce the input of the specific pollutant(s). The waterbody listings are grouped into a number of categories, those pertinent to Manhasset Bay are:

- **Part 1 Individual Waterbody Segments with Impairments Requiring TMDL Development**
These are waters with verified impairments that are expected to be addressed by a segment/pollutant-specific TMDL.
- **Part 2 Multiple/Categorical Waterbody Segments with Impairment Requiring TMDL Development**
These are groups of waters affected by similar causes/sources where a single TMDL may be possible. Part 2 is subdivided into:
a) Waterbody Segments Impaired by Atmospheric Deposition/Acid Rain; b) Waterbody Segments Impaired due to Fish Consumption Advisories; and, c) Waterbody Segments Impaired due to Shellfishing Restrictions

¹ <https://www.dec.ny.gov/chemical/31290.html>

Table 1. Portions and tributaries of Manhasset Bay, their classes, and their impairments from the DEC Waterbody Inventory/Priority Waterbodies List and the 303(d) List of Impaired Waterbodies Requiring a TMDL/Other Strategy.

	Class	303(d) Listed	Year listed	Cause/Polutant for listing	Known Major Pollutant(s)	Known Source(s)	Portion description
Portion 1 (1702 – 0021)	SA ²	Part 2c, Impaired Water Requiring a TMDL (IR Category 5 ³)	1998	Pathogens from urban/storm runoff	Pathogens Nutrients (N) Low DO /Oxygen Demand	STPs, Urban/stor mwater runoff	Bay waters southeast of a line from Hewlett Point to Barker Point, southwest of a line from Plum Point to Port Washington Yacht Club dock, and north of a line running east of Harbor Way dock.
Portion 2 (1702-0141)	SB ⁴	Part 1, Impaired Water Requiring a TMDL (IR Category 5)	2002	Pathogens from urban/storm runoff	Pathogens Nutrients (N) Low DO /Oxygen Demand	Urban/stor mwater runoff	Bay waters northeast of a line from Plum Point to Port Washington Yacht Club dock.
Portion 3	SC ⁵	Not listed Water Attaining All Standards (IR Category 1)	N/A	N/A	Pathogens Nutrients (N) Low DO /Oxygen Demand	Urban/stor mwater runoff	Bay waters south of a line running east from Harbor Way dock.
Tribs	C ⁶	Not listed: Water with Insufficient Data (IR 3)	N/A	N/A	No water quality info available.	N/A	The total length of all tribs to MB, including Kings Pt Park Creek, Mitchell Creek, Kings Point Pond Outlet, Stannards Brook, & Sheets Creek Channel.

² The best usages of **Class SA** waters are shellfishing for market purposes, primary and secondary contact recreation and fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival.

³ The USEPA has issued integrated monitoring and assessment guidance which established five (5) Integrated Reporting Use Attainment Categories (IR categories)

⁴ The best usages of **Class SB** waters are primary and secondary contact recreation and fishing. They shall be suitable for fish, shellfish and wildlife propagation and survival.

⁵ The best usage of **Class SC** waters is fish, shellfish other factors may limit the use for these purposes.

⁶ **Class C** waters are fresh waters suitable for fishing and non-contact activities.

	Class	303(d) Listed	Year listed	Cause/Pollutant for listing	Known Major Pollutant(s)	Known Source(s)	Portion description
Whitney Pond Park (1702 - 0101)	C ⁷	Part 2b Impaired Water Requiring a TMDL (IR Category 3)	1998	Chlordane ⁸ -- proposed for delisting in 2022	N/A	Contaminated Sediment	The entire area of the lake.
Whitney Pond Park (1702 - 0101)	C	Part 2b Impaired Water Requiring a TMDL (IR Category 5)	2018	Dissolved Oxygen ⁹	N/A	Contaminated Sediment	The entire area of the lake.
Leeds Pond	C	Not listed: Water with Insufficient Data (IR Category 3)	N/A	N/A	N/A	N/A	The entire area of the pond.
Mill Pond	SC ¹⁰	Not listed: Water Attaining All Standards (IR Category 1)	N/A	N/A	N/A	N/A	The total area of the entire pond.

⁷ **Class C** waters are fresh waters suitable for fishing and non-contact activities.

⁸ From past historical use of now restricted pesticides.

⁹ Morphology and other natural conditions may contribute to periodic dissolved oxygen depletion at lower depths in in this water. However, bottom water conditions are not necessarily representative of the waterbody as a whole and the fishing best use within this waterbody are fully supported. To the best of NYSDEC's knowledge there are no anthropogenic pollutants driving dissolved oxygen excursions within the waterbody. NYSDEC will continue to monitor this water for dissolved oxygen and other pollutants that drive oxygen depletion.

¹⁰ The best usage of **Class SC** waters is fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The water quality shall be suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes.