

ADDITIONAL PHASE II REQUIREMENTS FOR IMPAIRED WATERBODIES

(Hempstead Harbor, Manhasset Bay, Oyster Bay & Cold Spring Harbors and Nearby Waterbodies)

Note: this is not intended to be all inclusive, it is meant simply as an overview – see current MS4 permit for specific details

WATERBODIES ON APPENDIX 2 LIST

(identified on pages 103 & 104 of MS4 permit)

Glen Cove Creek, Lower & Tributaries
(pathogens + silt/sediment)
Glen Cove Creek, Lower & Tributaries
(copper)*
Hempstead Harbor, South & Tributaries
(pathogens)
Mill Neck Creek + Tidal tributaries
(pathogens)
Dosoris Pond (pathogens)
Manhasset Bay (pathogens)
Manhasset Bay (nitrogen)*
Beaver Lake (silt + sediment)*



Ensure that there
is no net increase
in discharge of the pollutant(s) of
concern
(page 11 of MS4 permit)



By January 8, 2013**
Assess the potential source(s) of the
pollutant(s) of concern
(page 11 of MS4 permit)



Perform modeling by January 8, 2013**
To assess the potential source(s) of the
pollutant(s) of concern and evaluate
the effectiveness of the SWMP in
preventing no net increase
(page 11 of MS4 permit)



If modeling shows increases in
pollutant loading of the pollutant(s) of
concern, modify the SWMP
(page 11 of MS4 permit)

* proposed to be added by DEC

** for the newly proposed waterbodies
(with "*" above), if adopted, the
deadline for these will be January 8,
2015.

WATERBODIES THAT HAVE HAD TMDLs ISSUED

(identified in 2003 Oyster Bay TMDL Report and 2007 Shellfish Pathogen TMDL for 27 Waterbodies Report)

Hempstead Harbor (northern and tributaries) (pathogens)
Oyster Bay Harbor 2 (Turtle Cove area) (pathogens)
Oyster Bay Harbor 3 (Beekman Beach area) (pathogens)
Cold Spring Harbor (inner) (pathogens)
Cold Spring Harbor (Eel Creek) (pathogens)



Follow **additional requirements** of Part III.B.2 and Part IX - these include using best
efforts to participate in watershed-wide planning; performing modeling to gauge
progress in reducing pollutant loading and modifying the SWMP as necessary in order
to meet mandatory reduction levels
(pages 11 to 14 of and 78 to 83 of MS4 permit)



Submit **Retrofit Plan** to DEC for review and approval
Objective: to achieve required pollutant reduction levels (shown in bottom box)
For Oyster Bay Harbors 2 & 3 by March 9, 2012
For other harbors by September 30, 2012
(page 68 of MS4 permit)



Implement and complete **Part IX Watershed Improvement Strategies**
For Oyster Bay Harbors 2 & 3 by May 1, 2012
For other harbors by May 1, 2013
(pages 68 and 78 to 83 of MS4 permit)

Watershed Improvement Strategy requirements include additional BMPs for Minimum
Control Measures 1, 3, 5 & 6 including:

- conducting public education on pathogens
- ensuring septic system inspections
- mapping MS4 stormwater conveyance systems
- submitting retrofit plans and schedules
- enacting and enforcing pooper scooper laws
- enacting and enforcing laws prohibiting goose feeding
- implementing pet waste bag systems
- implementing programs to manage goose populations



Achieve required reductions in MS4 discharges of pathogens:
Oyster Bay Harbor 2 (Turtle Cove area) – 20% by March 9, 2021
Oyster Bay Harbor 3 (Beekman Beach area) - 90% by March 9, 2021
Hempstead Harbor (Upper) – 95% by September 30, 2021
Cold Spring Harbor (Inner) – 95% by September 30, 2021
Cold Spring Harbor (Eel Creek) – 90% by September 30, 2021