

Carmans River, Lower, and tribs (1701-0321)

Impacted Seg

Waterbody Location Information

Revised: 03/23/01

Water Index No: (MW7.4) AO-GSB-177
Hydro Unit Code: 02030202/110 **Str Class:** SC
Waterbody Type: Estuary
Waterbody Size: 350.0 Acres
Seg Description: reach and tribs from mouth to LIRR (tidal)

Drain Basin: Atlantic-Long Island Sound
Southern Long Island
Reg/County: 1/Suffolk Co. (52)
Quad Map: BELLPORT (R-29-4)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Recreation	Stressed	Known

Type of Pollutant(s)

Known: PATHOGENS
Suspected: ---
Possible: ---

Source(s) of Pollutant(s)

Known: OTHER SOURCE (boat pollution), URBAN RUNOFF
Suspected: ---
Possible: ---

Resolution/Management Information

Issue Resolvability: 1 (Needs Verification/Study (see STATUS))

Verification Status: 4 (Source Identified, Strategy Needed)

Lead Agency/Office: ext/WQCC

TMDL/303d Status: (TMDL Not Required (No Impairment))

Resolution Potential: Medium

Further Details

Year-round shellfishing restrictions apply to Lower Carmans River to pathogens from surrounding stormwater and urban runoff and recreational boating/marinas. Because these are Class SC waters, it is not assessed for support of shellfishing use. However, based on the shellfishing restrictions, other recreational uses are considered to be stressed. (DEC/FWMR, Region 1, October 2000)

The Suffolk County DPW and the Town of Brookhaven have received state Clean Water/Clean Air Bond Act funding to implement stormwater management projects at two locations in the watershed. (DEC/DOW, Region 1, October 2001)

This segment includes all tidal waters between the mouth and the LIRR bridge; including unnamed trib -1, Little Neck Creek (-2) and Yaphank Creek (-3). The segment is surrounded by the Wertheim National Wildlife Refuge.

Carmans River, Upper, and tribs (1701-0102)

NoKnownImpct

Waterbody Location Information

Revised: 03/23/01

Water Index No: (MW7.4) AO-GSB-177
Hydro Unit Code: 02030202/110 **Str Class:** C(TS)
Waterbody Type: River
Waterbody Size: 9.0 Miles
Seg Description: stream and tribs above LIRR (freshwater)

Drain Basin: Atlantic-Long Island Sound
Southern Long Island
Reg/County: 1/Suffolk Co. (52)
Quad Map: BELLPORT (R-29-4)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

Known: ---
Suspected: ---
Possible: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Possible: ---

Resolution/Management Information

Issue Resolvability: 8 (No Known Use Impairment)
Verification Status: (Not Applicable for Selected RESOLVABILITY)
Lead Agency/Office: n/a
TMDL/303d Status: (TMDL Not Required (No Impairment))

Resolution Potential:

Further Details

A biological (macroinvertebrate) assessment of Carmans River near Yaphank was conducted in 1998 and 1990. Sampling results indicated non-impacted water quality conditions in both years. This site was assessed as slightly impacted in 1989 and non-impacted in 1994. The difference in the 1989 assessment likely represents a change in criteria rather than a change in water quality. Sandy stream criteria were instituted in 1994, representing more realistic expectations for stream bottoms dominated by sand gravel rather than rubble. (DEC/DOW, BWAR/SBU, January 2000)

NYSDEC Rotating Intensive Basin Studies (RIBS) Intensive Network monitoring of the Carmans River in Yaphank (at Park Street) was conducted in 1999. Chemical monitoring revealed no other particular water quality issues. (DEC/DOW, BWAR/SWAS, January 2001)