

JOB 9: COOPERATIVE INTERAGENCY RESOURCE MONITORING

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GOAL

To monitor the physical, chemical and biological indicators of environmental conditions in Long Island Sound.

OBJECTIVES

- 1) *Monthly monitoring of water quality parameters important in the development of summer hypoxia in Long Island Sound including temperature, salinity, and dissolved oxygen (DO).*
- 2) *Indicators of hypoxia-related impacts on living resources: a) maximum area exposed to less than 1 mg/l DO, b) maximum area exposed to less than 3 mg/l DO, c) duration (days) of hypoxia (<3 mg/l) (low oxygen) in Long Island Sound 4) biomass-area-day-depletion (BADD)*

During this segment, work on this Job was conducted cooperatively by DEEP Fisheries Division and Land and Water Resources Division staff in the same manner as previous years. However, the DEEP publication “Long Island Sound Hypoxia Season Review” that is typically used as the annual performance report for this Job is still in draft form and is not available at the time of this writing.