From <https://www.state.nj.us/drbc/library/documents/SOTB2019_brief.pdf>

Some of the species monitored that are impacted by pollution, water temp, pH, salinity and invasive species (IUCN status where available in parenthesis):

* [American Eel](https://en.wikipedia.org/wiki/American_eel) (endangered)
* [White Perch](https://en.wikipedia.org/wiki/White_perch) (least concern)
* [Brook Trout](https://en.wikipedia.org/wiki/Brook_trout) (secure)
* Brown Trout
* [Osprey](https://en.wikipedia.org/wiki/Osprey) (least concern)
* [Horseshoe Crab](https://en.wikipedia.org/wiki/Horseshoe_crab) ([vulnerable](https://www.iucnredlist.org/species/11987/80159830))
* [Shad](https://en.wikipedia.org/wiki/American_shad) (least concern)
* [Weakfish](https://en.wikipedia.org/wiki/Weakfish) (endangered)
* [Blue Crab](https://en.wikipedia.org/wiki/Callinectes_sapidus) (not evaluated)
* Macroinvertebrates
* [Striped Bass](https://en.wikipedia.org/wiki/Striped_bass) (least concern)
* [Eastern Oyster](https://en.wikipedia.org/wiki/Eastern_oyster) (not evaluated?)
* [Freshwater Mussels](https://en.wikipedia.org/wiki/Freshwater_bivalve) (vulnerable)
* Dwarf wedgemussel (*Alasmidonta heterodon*)
  + <https://www.fws.gov/raleigh/species/es_dwarf_wedgemussel.html>
  + IUCN <https://www.iucnredlist.org/species/775/13077570>