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Amendment Notes: N/A

Narragansett Bay Watershed SCP Lily Pond (RI0010047L-02) Newport, RI

Subwatershed Summary

- The subwatershed is located in Newport, RI.
- The subwatershed is 104 acres and 13% impervious.
- The general land uses within the subwatershed are low-, medium-, and high-density residential, mixed and deciduous forest, recreation, institutional, and wetland.
- The subwatershed contains no RIDOT roadways or "Other RIDOT Roadways" and therefore no SCP was prepared.

Site Description

Lily Pond (RI0010047L-02) is located within the Narragansett Bay watershed. The southern portion of the subwatershed is bordered by Ocean Ave. The northern portion of the watershed extends just beyond Ruggles Ave. The freshwater pond is located at the southern end of the subwatershed in Newport, RI and is surrounded by mostly forests to the east and west, as well as residential neighborhoods to the north. Lily Pond outlets through a buried stream into the Narragansett Bay.

The Rhode Island Department of Environmental Management (RIDEM) water quality classification for Lily Pond is Class A. Class A waters are designated for primary and secondary contact recreational activities and fish and wildlife habitat. According to RIDEM's Clean Water Act (CWA) Integrated List of Waterbodies – Appendix A 2016 Index of Waterbodies and Category Listing,¹ the impairments affecting this waterbody segment are total phosphorus and enterococcus. RIDEM has classified Lily Pond as a Category 5 waterbody that is not supporting of fish and wildlife habitat or primary and secondary contact recreation. The waterbody is not assessed for fish consumption. A TMDL is planned in 2023 for the total phosphorus and enterococcus impairments.

According to 2011 land use data obtained from the Rhode Island Geographic Information System (RIGIS),² the general land uses within the Lily Pond subwatershed are low-, medium-, and high-density residential and mixed and deciduous forest land uses. The subwatershed contains smaller amounts of recreation, institutional, brushland, and wetland land use areas. RIDEM data indicates the subwatershed is approximately 104 acres with 13% impervious cover.

¹ RIDEM, March 2018, 2016 Integrated Water Quality Monitoring and Assessment List – Appendix A 2016 Index of Waterbodies and Category Listing. Available at: <http://dem.ri.gov/programs/benviron/water/quality/surfwg/pdfs/iwr16.pdf>

² Rhode Island Department of Environmental Management, Rhode Island Department of Administration, Statewide Planning Program, Photo Science, Inc. www.rigis.org

The Lily Pond subwatershed (RI0010047L-02) does not contain any RIDOT Roadways or "Other RIDOT Roadways"; therefore an SCP was not prepared for Lily Pond.