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Amendment Notes: N/A

Narragansett Bay Watershed SCP East Passage (RI0007029E-01O) Portsmouth, RI

Subwatershed Summary

- The subwatershed is located in Portsmouth, RI
- The subwatershed is 59 acres and 0% impervious.
- The general land uses within the subwatershed are mixed forest, brushland, and beaches.
- The waterbody is impaired for dissolved oxygen, a non-stormwater related impairment.
- The subwatershed contains no RIDOT Roadways or "Other RIDOT Roadways" and therefore no SCP was prepared.

Site Description

East Passage subwatershed (RI0007029E-01O) is located within the Narragansett Bay Watershed. The subwatershed includes the waters within the triangle formed by Popasquash Point (Bristol), Gull Point (Prudence Island), and Providence Point (Prudence Island), as well as the coastal land between Gull Point and Providence Point on the northeastern most coast of Prudence Island. It is bordered by Potter Cove (RI0007029E-03) to the south. This small land area does not contain any waterbodies.

The Rhode Island Department of Environmental Management (RIDEM) water quality classification for East Passage is Class SA. Class SA waters are designated for shellfish harvesting for direct human consumption, 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 impairment affecting this waterbody segment is dissolved oxygen, which is not a stormwater-related impairment. RIDEM has classified East Passage as a Category 5 waterbody that is not supporting fish and wildlife habitat. The waterbody is fully supporting primary and secondary contact recreation and shellfish consumption. There is insufficient information regarding use for fish consumption. A TMDL is planned for 2022 for the dissolved oxygen impairment.

According to 2011 land use data obtained from the Rhode Island Geographic Information System (RIGIS),² the general land uses within the East Passage subwatershed are mixed forest, brushland, and

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/surfwq/pdfs/iwr16.pdf>

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

beaches. RIDEM data indicates the subwatershed is approximately 59 acres, 0% of which are impervious based on 2011 impervious cover data from RIGIS².

The East Passage subwatershed (RI0007029E-01O) has less than 10% impervious cover, is impaired for a non-stormwater-related impairment, and does not contain any RIDOT Roadways or "Other RIDOT Roadways"; therefore an SCP is not required for the East Passage segment.