



**LONG TERM OPERATION AND
MAINTENANCE PLAN
AUGUST 8, 2025**

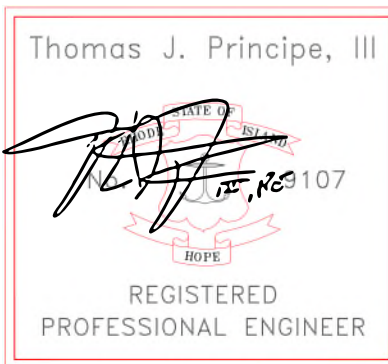
**AP 128, LOTS 15 & 16
668-670 METACOM AVENUE
BRISTOL, RI**

Prepared For:

David J. Ramos
12 Ruth Avenue
Bristol, RI 02809

Prepared By:

Principe Engineering, Inc.
27 Sakonnet Ridge Drive
Tiverton, Rhode Island



In order to minimize the stormwater management system deterioration, the owner shall adhere to the following Operation and Maintenance Plan as well as any additional requirements pertaining to inspection and maintenance measures for this site provided in Appendices E and G of the Rhode Island Stormwater Design and Installation Standards Manual.

Snow Disposal

Improper snow disposal can be a threat to public health and the environment. Disposal shall consider site selection, site preparation and maintenance, and emergency snow disposal locations and procedures. Refer to DEM's Snow Disposal Policy for more details on these topics. Snow storage in the bioretention basin is not allowed.

Bioretention Basin

A legally binding and enforceable maintenance agreement shall be executed between the facility owner and the responsible authority to ensure the following: -Trash and debris shall be removed as necessary. Silt/sediment shall be removed from the filter bed when the accumulation exceeds one inch. When the filtering capacity of the filter diminishes substantially (i.e., when water ponds on the surface of the filter bed for more than 48 hours), the top few inches of discolored material shall be removed and shall be replaced with fresh material. The removed sediments shall be disposed in an acceptable manner at an approved and permitted location.

For unique installations in extremely tight sites or redevelopment/infill projects where pretreatment strips have been downsized, enhanced maintenance shall be required through more frequent inspections, more frequent sediment removal, and enhanced landscape maintenance.

During the six months immediately after construction, filter practices shall be inspected following at least the first two precipitation events of at least 1.0 inch to ensure that the system is functioning properly. Thereafter, inspections shall be conducted on an annual basis and after storm events of greater than or equal the 1- year, 24-hour Type III precipitation event.

APPENDIX:

- A. Checklists
- B. BMP Location Plan
- C. Maintenance Agreement