



amec
foster
wheeler

Stormwater Management Systems Operation and Maintenance Plan

Twin River – Tiverton Proposed Casino & Hotel
William S. Canning Blvd & Stafford Road
Tiverton, Rhode Island

Prepared for:

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Project No. 215010

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Project No. 3653160007

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1. INTRODUCTION

On behalf of Ferrucci Russo, PC (Owner's Representative) and Twin River - Tiverton, LLC (Owner), Cherenzia & Associates, Ltd. (Cherenzia) and Amec Foster Wheeler have prepared this Operation and Maintenance Plan in support of the Twin River - Tiverton, Proposed Casino and Hotel. The proposed project is on Assessor's Plat 203 Lot 111, a 46.6±-acre parcel of land at the intersection of William S. Canning Boulevard and Stafford Road in Tiverton Rhode Island. The Site is approximately 400 feet south of the Massachusetts state line and Route 24 Exit 1A. The casino, hotel, associated surface and structured parking, stormwater management areas, and other amenities will occupy approximately 20.0± acres within upland areas of the 46.6±-acre Site. In addition, the Owner has secured an easement on Assessor's Plat 203 Lot 107 (3.6± acres) to provide emergency access to the local roadway network; therefore, for the purposes of this Operation and Maintenance Plan, the Site or the Project includes all proposed development on both AP 203 Lot 111 and AP 203 Lot 207.

The Project includes the construction of a 77,500± square-foot, partial two-story casino building, a 15,130± square-foot, three-story, 84 guest room hotel, a 140,000± square-foot, two-story parking structure to accommodate 814± passenger vehicles. Additional surface parking for 275± passenger vehicles for employees, access drives, loading areas, stormwater management systems, retaining walls, and interior and perimeter landscaping surround the proposed structures. A permeable pavement (Gravelpave® or equivalent) emergency access drive will extend from the employee parking lot to Stafford Road and includes a 100-foot long bridge to cross the narrowest section of wetlands located on Lot 107. To the greatest extent practicable while supporting the programmatic needs of the development, existing wetlands and wooded areas surrounding the casino and hotel shall remain undisturbed.

The Project employs stormwater best management practices (BMPs) to control stormwater quality and quantity for the development. Proposed water quality BMPs for pre-treatment and treatment of runoff include deep-sump catch basins, sediment forebays, sand filters, a bioretention basin, surface infiltration basins, subsurface sand filters with isolator rows, and gravel-pave and grass-pave permeable pavement. Mitigation of peak runoff has been provided to ensure post-development rates will be less than pre-development discharge rates for all storms up to and including the 100-year storm event. All components of the stormwater management system have been designed to comply with the requirements set forth in the latest edition of the Rhode Island Stormwater Design and Installation Manual (RISDISM). The locations of all the stormwater BMPs are depicted on the Operations and Maintenance Figure provided in Appendix A.

The proposed stormwater BMPs must be inspected regularly and maintained in accordance with the checklists provided in Appendix C and described herein to ensure that they continue to perform as designed. Inspections shall be performed by someone that has knowledge or experience with stormwater systems. Inspections shall be performed by registered professional engineers when the routine inspection reveals a question of structural or hydraulic integrity affecting public safety. The inspection process shall document observations made in the field and shall cover structural conditions, evidence of vandalism, condition of vegetation, occurrence of obstructions, unsafe conditions, and build-up of trash, sediments, and pollutants.

Routine maintenance activities shall be scheduled to be performed on a regular basis and generally do not depend on findings from inspections. These tasks shall include such things as vegetation maintenance (such as mowing), and trash/debris removal. These tasks shall be performed as needed, depending on the season and type of actions required. Corrective tasks such as sediment removal and outlet structure repairs shall be performed on an as-needed basis, established by inspection results or

in response to complaints. These tasks may require more specialized personnel to perform the required actions appropriately.

This project includes several stormwater BMPs for which inspections must be performed and documented by Inspection Checklists. These BMPs are listed in the table below and the appropriate Inspection Checklist(s) noted. Refer to the following section for more detailed descriptions of each type of BMP and the figure included in Appendix A for their locations.

BMP	Description	Operation, Maintenance, and Management Inspection Checklists					
		Isolator Row®	Sediment Forebay	Sand/Organic Filter	Infiltration System	Bioretention System	Permeable Pavement
P-1	Sediment Forebay & Sand Filter		X	X			
P-2	Sediment Forebay & Sand Filter		X	X			
P-3	Sediment Forebay & Surface Infiltration Basin		X		X		
P-4	Sediment Forebay & Surface Infiltration Basin		X		X		
P-5	Sediment Forebay & Sand Filter		X	X			
P-6	Sediment Forebay & Bioretention Basin					X	
P-7	Subsurface Sand Filter System Stormtech® MC-4500 With Isolator Row®	X		X			
P-8	Subsurface Sand Filter System Stormtech® SC-740			X			
P-9	Subsurface Sand Filter System Stormtech® MC-3500 With Isolator Row®	X		X			
P-10	Surface Infiltration Basin				X		
	Permeable Pavement						X

2. SPECIFIC BMP INSPECTION REQUIREMENTS

2.1 General Stormwater Inspection Requirements

General site-wide conditions shall be inspected simultaneous with stormwater inspections. Landscaped areas shall be checked for any eroded drainage paths and repaired, as necessary. Any loose debris on the site shall be removed and disposed of appropriately. If any significant sediment build up occurs on the roadways or drives, it shall be removed by sweeping or other methods.

For all stormwater facilities, inspections are an integral part of system maintenance. During the six months immediately after construction, all stormwater facilities shall be inspected at least twice or more following 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 to the 1-year, 24-hour Type III precipitation event, unless indicated otherwise in the following sections.

2.2 Short-term Requirements

Once construction has been completed, inspections and required maintenance shall be performed during the first growing season. These inspections shall be performed weekly during the first month after construction is completed and monthly for the remainder of the first growing season. The goal of these inspections is to ensure that no erosion of the partially stabilized soils is occurring. Any erosion that is observed shall be remedied quickly by repairing and reseeding as necessary.

2.3 Isolator Row®

Regular inspection and maintenance are essential to ensure a properly functioning stormwater system. The chambers should be inspected immediately following construction and bi-annually until an understanding of the site's characteristics is developed. Thereafter, the system should be checked on an annual basis and after storm events greater than or equal to the 1-year, 24-hour Type III precipitation event. The inspection ports or manhole covers over the isolator rows should be opened to make a visual inspection to determine the extents of sediment buildup. If upon visual inspection it is found that sediment has accumulated to an average depth exceeding three inches (3+), cleanout is required. All oil, sludge, sediment, solids, trash, debris, and floatable material should be removed from all chambers within the isolator row. Clean-out should be accomplished via Jet/Vac maintenance equipment.

After cleaning, the cover and grate are to be reset and all resulting waste, including oil, sludge, sediment, and water should be disposed of in accordance with all applicable federal, state, and local regulations. In the absence of evidence of contamination, removed debris may be taken to a landfill or other permitted facility or handled similarly to contents from street sweeping activities. Care should be taken to avoid tearing the filter fabric or removing any crushed stone at the base of the isolator row when sediment is removed.

The Isolator Row Operation, Maintenance, and Management Inspection Checklist shall be completed after each inspection and/or after maintenance is performed. This checklist can be found in Appendix C.

2.4 Sediment Forebays

Sediment shall be removed from the forebay when the design depth has been reduced by 50%. A fixed vertical sediment depth marker should be installed in the forebay to measure the sediment deposition. In the absence of evidence of contamination, removed debris may be taken to a landfill or other permitted facility or handled similarly to contents from street sweeping activities. Care should be taken to avoid the removal of soils from the bottom of the forebay when sediment is removed. The forebay overflow, gabions, or other outlet device shall be maintained appropriately to remove sediment buildup.

The Sediment Forebay Operation, Maintenance, and Management Inspection Checklist shall be completed after each inspection and/or after maintenance is performed. This checklist can be found in Appendix C.

2.5 Sand Filters (Sand/Organic Filter)

Minor soil erosion gullies shall be repaired when they occur. Grass cover shall be mowed a minimum of three times per growing season to maintain maximum grass heights less than 12+. Silt/sediment shall be removed from the filter bed after it reaches 1+in depth. If standing water is observed more than 48 hours after a storm event, then the top 6 inches of soil should be removed and replaced with new materials. If discolored or contaminated material is found below the removed surface then that material should also be removed until all contaminated sand has been removed. The soil should be disposed of in accordance with all applicable federal and local regulations.

The Sand/Organic Filter Operation, Maintenance, and Management Inspection Checklist shall be completed after each inspection and/or after maintenance is performed. This checklist can be found in Appendix C.

2.6 Infiltration Basins

Infiltration facilities should be inspected annually to ensure that design infiltration rates are being met (basins must fully drain within 48 hours after a rainfall event has occurred). If sediment or organic debris build-up has limited the infiltration capabilities to below the design rate, the top six inches should be removed and the surface roto-tilled to a depth of 12 inches. The basin bottom should be restored according to original design specifications. Any oil or grease found at the time of inspection should be cleaned with oil absorption pads and disposed of in an approved location.

Inspect facility for signs of wetness or damage to structure sand note any eroded areas. If dead or dying grass on the bottom is observed, check to ensure that water percolates 2-3 days following storms. Mow and remove litter and debris. Stabilize eroded banks and repair undercut and eroded areas at inflow and outflow structures.

The Infiltration Basin Operation, Maintenance, and Management Inspection Checklist shall be completed after each inspection and/or after maintenance is performed. This checklist can be found in Appendix C

2.7 Bioretention Areas

Minor soil erosion gullies shall be repaired when they occur. Pruning or replacement of woody vegetation shall occur when dead or dying vegetation is observed. Separation of herbaceous vegetation rootstock shall occur when over-crowding is observed, or approximately once every 3 years.

The mulch layer shall also be replenished (to the original design depth) every other year, as directed by inspection reports. The previous mulch layer shall be removed, and properly disposed of, or rototilled into the soil surface. If at least 50 percent vegetation coverage is not established after two years, reinforcement planting shall be installed. If the surface of the bioretention system becomes clogged to the point that standing water is observed on the surface 48 hours after precipitation events, the surface shall be rototilled or cultivated to breakup any hard-packed sediment and then re-vegetated. Vegetation along the maintenance access roads shall be mowed annually.

The Bioretention Operation, Maintenance, and Management Inspection Checklist shall be completed after each inspection and/or after maintenance is performed. This checklist can be found in Appendix C.

2.8 Permeable Pavement (GravelPave2)

Should potholes occur, remove a section by vacuuming the gravel from the rings, unfasten the snap fit fastener, bring the base course to the proper grade and compaction, put the GravelPave2 square back in place, anchor, and fill to the top of the rings. Seasonally check the rings in high-traffic areas and entrance lanes for lower levels of fill and replace by sweeping gravel from other areas to bring it level again. Leaves should be raked or vacuumed and not allowed to decay. Organic matter will stimulate weed growth and reduce porosity. To attack any occasional weeds that may locate within the GravelPave2 installation, simply spray them with a weed killer (such as Roundup[®]) and remove them when dead.

If surface needs to be repaired, ensure that it is not repaved or resealed with impermeable materials.

Maintenance activities include the following: minimize use of sand and salt in the winter months, keeping adjacent landscape areas well maintained and stabilized (erosion gullying quickly corrected), post signs identifying permeable pavement, mow and reseed grass pavers as needed, and add joint material (e.g. sand) periodically to replace material that has been transported from paving stones/bricks. Attach rollers to the bottoms of snowplows to prevent them from catching on the edges grid systems.

The Permeable Pavement Operation, Maintenance, and Management Inspection Checklist shall be completed after each inspection and/or after maintenance is performed. This checklist can be found in Appendix C.

2.9 Outlet Protection

Once a riprap outlet has been installed, the maintenance needs are very low. Outlet protection devices, including rip rap aprons and stilling basins (also ~~scour hole~~+ or ~~plunge pool~~), should be inspected after high flows for evidence of scour beneath the riprap or for dislodged stones. If scouring is observed, repairs should be made immediately.

2.10 Long-Term Maintenance of Non-Stormwater Related Activities

Solid Waste Containment: Solid waste shall be collected by a licensed waste disposal firm on a regular basis and disposed of off-site in conformance with all applicable regulatory standards.

Street and Parking Lot Sweeping: Street and parking lot sweeping will take place at least annually and on an as needed basis by a licensed subcontractor. Any debris removed shall be disposed of appropriately by the subcontractor in accordance with all applicable regulatory standards.

Deicing and Salt Storage: No salt shall be used on the property. Deicing chemicals shall be chloride-free. Deicing and sanding shall be performed by a trained subcontractor and applied judiciously on an as needed basis.

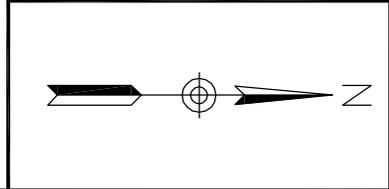
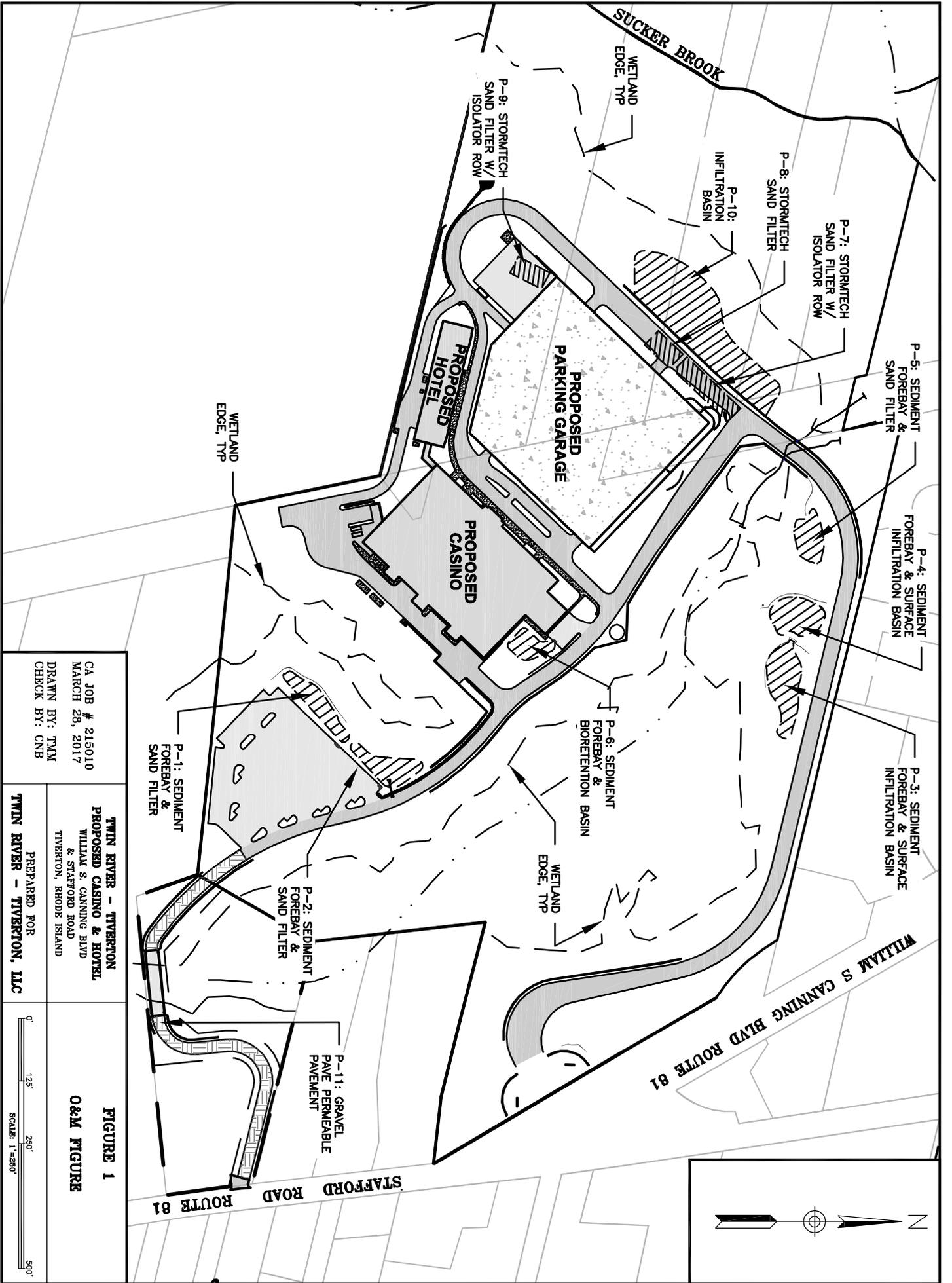
Snow Disposal: Snow shall be removed from all drives, parking areas, fire access drive, and sidewalks whenever an accumulation of snow occurs by the owner/operator or a private licensed subcontractor. The area around the fire hydrants shall be cleared a minimum of five feet around the hydrant. No snow shall be plowed into stormwater management basins.

Pavement Sealants: No pavement sealants shall be used on this property.

Lawn and Landscape Management: The Owner shall employ the standards for ground management specified in Appendix G (G.7) of the *RISDISM* to the extent practicable. This includes mowing to a height of no less than two inches during the growing season, and minimization of fertilizers, pesticides, and irrigation. All landscaping and landscaping maintenance shall be performed by a licensed subcontractor and all materials removed from the premises shall be in conformance with all applicable regulatory standards.

APPENDIX A:

O&M Figure



CA JOB # 215010
 MARCH 28, 2017
 DRAWN BY: TMM
 CHECK BY: CNB

TWIN RIVER - TIVERTON
PROPOSED CASINO & HOTEL
 WILLIAM S. CANNING BLVD
 & STAFFORD ROAD
 TIVERTON, RHODE ISLAND

FIGURE 1
O&M FIGURE

PREPARED FOR
TWIN RIVER - TIVERTON, LLC

0' 125' 250' 500'
 SCALE: 1"=250'

APPENDIX B:

Stormwater Facility Maintenance Agreement

Stormwater Facility Maintenance Agreement

THIS AGREEMENT, made and entered into this ____ day of _____, 20____, by and between Twin River . Tiverton, LLC hereinafter called the "Landowner", and the Town of Tiverton, hereinafter called the "Town".

WITNESSETH, that WHEREAS, the Landowner is the owner of certain real property described as Plat 203 Lot 111, as recorded by deed in the land records of Town of Tiverton, Deed Book _____, Page _____ hereinafter called the "Property".

WHEREAS, the Landowner is proceeding to build on and develop the property; and

WHEREAS, the Site Plan/Subdivision Plan known as Twin River . Tiverton, Proposed Casino & Hotel, hereinafter called the "Plan", which is expressly made a part hereof, as approved or to be approved by the Town, provides for detention of stormwater within the confines of the property; and

WHEREAS, the Town and the Landowner, its successors and assigns, agree that the health, safety, and welfare of the residents of the Town of Tiverton require that on-site stormwater management facilities be constructed and maintained on the Property; and

WHEREAS, the Town requires that on-site stormwater management facilities as shown on the Plan be constructed and adequately maintained by the Landowner, its successors and assigns.

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants contained herein, and the following terms and conditions, the parties hereto agree as follows:

1. The on-site stormwater management facilities shall be constructed by the Landowner, its successors and assigns, in accordance with the plans and specifications identified in the Plan.
2. The Landowner, its successors and assigns, shall adequately maintain the stormwater management facilities in accordance with the required Operation and Maintenance Plan. This includes all pipes, channels or other conveyances built to convey stormwater to the facility, as well as all structures, improvements, and vegetation provided to control the quantity and quality of the stormwater. Adequate maintenance is herein defined as good working condition so that these facilities are performing their design functions. The Stormwater Best Management Practices Operation, Maintenance and Management Checklists are to be used to establish what good working condition is acceptable to the Town.

3. The Landowner, its successors and assigns, shall inspect the stormwater management facility as required in the Operation and Maintenance Plan. The purpose of the inspection is to assure safe and proper functioning of the facilities. The inspection shall cover the entire facilities, berms, outlet structures, basin areas, access roads, etc. Deficiencies shall be noted in an inspection report.
4. The Landowner, its successors and assigns, hereby grant permission to the Town, its authorized agents and employees, to enter upon the Property and to inspect the stormwater management facilities whenever the Town deems necessary upon 48-hour notice by the Town. The purpose of inspection is to follow-up on reported deficiencies and/or to respond to citizen complaints. The Town shall provide the Landowner, its successors and assigns, copies of the inspection findings and a directive to commence with the repairs if necessary.
5. In the event the Landowner, its successors and assigns, fails to maintain the stormwater management facilities in good working condition acceptable to the Town, upon 72 hours notice the Town may enter upon the Property and take whatever steps necessary to correct deficiencies identified in the inspection report and to charge the costs of such repairs to the Landowner, its successors and assigns. This provision shall not be construed to allow the Town to erect any structure of permanent nature on the land of the Landowner outside of the easement for the stormwater management facilities. It is expressly understood and agreed that the Town is under no obligation to routinely maintain or repair said facilities, and in no event shall this Agreement be construed to impose any such obligation on the Town.
6. The Landowner, its successors and assigns, will perform the work necessary to keep these facilities in good working order as appropriate. In the event a maintenance schedule for the stormwater management facilities (including sediment removal) is outlined on the approved plans, the schedule will be followed.
7. In the event the Town pursuant to this Agreement, performs work of any nature, or expends any funds in performance of said work for labor, use of equipment, supplies, materials, and the like, the Landowner, its successors and assigns, shall reimburse the Town upon demand, within thirty (30) days of receipt thereof for all actual costs incurred by the Town hereunder.
8. This Agreement imposes no liability of any kind whatsoever on the Town and the Landowner agrees to hold the Town harmless from any liability in the event the stormwater management facilities fail to operate properly.
9. This Agreement shall be recorded among the land records of the Town of Tiverton and shall constitute a covenant running with the land, and shall be binding on the Landowner, its administrators, executors, assigns, heirs and any other successors in interests.

WITNESS the following signatures and seals:

Company/Corporation/Partnership Name (Seal)

By: _____

(Type Name and Title)

The foregoing Agreement was acknowledged before me this ____ day of _____, 20____, by

NOTARY PUBLIC
My Commission Expires: _____

By: _____

(Type Name and Title)

The foregoing Agreement was acknowledged before me this ____ day of _____, 20____, by

NOTARY PUBLIC
My Commission Expires: _____

Approved as to Form:

[Town/City] Attorney Date

APPENDIX C:

Operation, Maintenance, and Management Inspection Checklists

APPENDIX C.1:
Isolator Row® Checklist

Isolator Row® Operation, Maintenance, and Management Inspection Checklist

Project:

Location:

Site Status:

Date:

Time:

Inspector:

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
1. Debris Cleanout (Semi-annually, After Major Storms)		
Contributing areas clean of debris		
No dumping of yard wastes into practice		
Litter (branches, etc.) have been removed		
2. Sediment Deposition (Semi-annually, After Major Storms)		
Sedimentation noted		
Sediment cleanout when depth of sediments reaches 3 inches		
3. Flow Diversion Manhole (Semi-annually, After Major Storms)		
Good condition, no need for repair		
No evidence of any blockages		

Comments:

Actions to be Taken:

APPENDIX C.2:
Sediment Forebay Checklist

**Sediment Forebay Operation, Maintenance, and
Management Inspection Checklist**

Project:

Location:

Site Status:

Date:

Time:

Inspector:

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
1. Debris Cleanout (Semi-annually, After Major Storms)		
contributing areas clean of debris		
No dumping of yard wastes into practice		
Litter (branches, etc.) have been removed		
2. Vegetation (Semi-annually, After Major Storms)		
No placement of inappropriate plants		
Grass height not greater than 10 inches		
No evidence of erosion		
3. Sediment Deposition (Semi-annually, After Major Storms)		
Sedimentation noted		
Sediment cleanout when depth <50% design depth		
4. Outlet/Overflow Spillway (Semi-annually, After Major Storms)		
Good condition, no need for repair		
No evidence of erosion		
No evidence of any blockages		

Comments:

Actions to be Taken:

APPENDIX C.3:
Sand/Organic Filter Checklist

**Sand/Organic Filter Operation, Maintenance, and
Management Inspection Checklist**

Project:

Location:

Site Status:

Date:

Time:

Inspector:

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
1. Debris Cleanout (Annual, After Major Storms)		
Contributing areas clean of debris		
Filtration facility clean of debris		
Inlet and outlets clear of debris		
2. Oil and Grease (Annual, After Major Storms)		
No evidence of filter surface clogging		
Activities in drainage area minimized oil and grease entry		
3. Vegetation (Semi-annually)		
Contributing drainage area stabilized		
No evidence of erosion		
Area mowed and clipping removed		
4. Water Retention Where Required (Semi-annually)		
Water holding chambers at normal pool		
No evidence of leakage		

5. Sediment Deposition (Annual, After Major Storms)		
Filter Chamber free of sediments		
Sedimentation chamber not more than half full of sediments		
6. Structural Components (Annual, After Major Storms)		
No evidence of structural deterioration		
All grates are in good condition		
No evidence of spalling or cracking of structural parts		
7. Outlet/Overflow Spillway (Annual, After Major Storms)		
Good Condition, no need for repairs		
No evidence of erosion (if draining into natural channel)		
8. Overall Function of Facility		
Evidence of flow bypassing facility		
No noticeable odors		

Comments:

Actions to be Taken:

APPENDIX C.4:
Infiltration System Checklist

Infiltration System Operation, Maintenance, and Management Inspection Checklist

Project:

Location:

Site Status:

Date:

Time:

Inspector:

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
1. Debris Cleanout (Annual)		
Trench/chamber or basin surface clear of debris		
Inflow pipes clear of debris		
Overflow spillway clear of debris		
Inlet area clear of debris		
2. Sediment Traps or Forebays (Annual)		
Obviously trapping sediment		
Greater than 50% of storage volume remaining		
3. Dewatering (Annual)		
Trench/chamber or basin dewateres between storms		
4. Sediment Cleanout of Trench/Chamber or Basin (Annual)		
No evidence of sedimentation in trench/chamber or basin		
Sediment accumulation doesn't yet require cleanout		
5. Inlets (Annual)		
Good condition		

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
No evidence of erosion		
6. Outlet/Overflow Spillway (Annual)		
Good condition, no need for repair		
No evidence of erosion		
7. Aggregate Repairs (Annual)		
Surface of aggregate clean		
Top layer of stone does not need replacement		
Trench/Chamber or basin does not need rehabilitation		

Comments:

Actions to be Taken:

APPENDIX C.5:
Bioretention System Checklist

Sand/Organic Filter Operation, Maintenance, and Management Inspection Checklist

Project:

Location:

Site Status:

Date:

Time:

Inspector:

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
1. Debris Cleanout (Annual, After Major Storms)		
Contributing areas clean of debris		
Filtration facility clean of debris		
Inlet and outlets clear of debris		
2. Oil and Grease (Annual, After Major Storms)		
No evidence of filter surface clogging		
Activities in drainage area minimized oil and grease entry		
3. Vegetation (Semi-annually)		
Contributing drainage area stabilized		
No evidence of erosion		
Area mowed and clipping removed		
4. Water Retention Where Required (Semi-annually)		
Water holding chambers at normal pool		
No evidence of leakage		
5. Sediment Deposition (Annual, After Major Storms)		

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
Filter Chamber free of sediments		
Sedimentation chamber not more than half full of sediments		
6. Structural Components (Annual, After Major Storms)		
No evidence of structural deterioration		
All grates are in good condition		
No evidence of spalling or cracking of structural parts		
7. Outlet/Overflow Spillway (Annual, After Major Storms)		
Good Condition, no need for repairs		
No evidence of erosion (if draining into natural channel)		
8. Overall Function of Facility		
Evidence of flow bypassing facility		
No noticeable odors		

Comments:

Actions to be Taken:

APPENDIX C.6:
Permeable Pavement Checklist

Permeable Pavement Operation, Maintenance, and Management Inspection Checklist

Project:

Location:

Site Status:

Date:

Time:

Inspector:

MAINTENANCE ITEM	SATISFACTORY/ UNSATISFACTORY	COMMENTS
1. Sediment and Debris Cleanout (3 Months or Manufacturer's Recommendation)		
Contributing area free of sediment and debris		
Contributing area stabilized and mown, with grass clippings removed		
Surface free of sediment and debris (e.g., mulch, leaves, trash, etc.)		
No signs of clogging (e.g., standing water)		
Surface does not require vacuuming		
2. Dewatering (Monthly, After Major Storms)		
Permeable pavement dewateres between storms		
3. Underdrain Outfall, if present (Annual, After Major Storms)		
No evidence of erosion		
4. Surface Repairs (Annual, After Major Storms)		
Surface has not been sealed		
No evidence of surface deterioration or spalling		
Surface (top and base course) does not need to be replaced		

Comments:

Actions to be taken:
