The University of New Hampshire
Durham, NH 03824

UNH Facilities
6 Leavitt Lane Durham, NH 03824
603-862-1437

Water Quality Swale Inspections and Maintenance Checklist

Facilities ID: _____ Location: _____

Owner (circle one): Town of Durham University of New Hampshire

Inspector Name: _____

Date: _____ Time: _____ Site Conditions: _____

Maintenance Item	Satisfactory	Unsatisfactory	Inspection Frequency	Comments / Actions Required
1. Debris Cleanout				
Clear of Trash and Debris			W-M	
2. Vegetation Management				
Grass Height (maintain 2-6 inch height)			W-M	
Ground Cover Well Established (yearly reseeding needed)			Q	
Unwanted Vegetation Present			M	
Dead Vegetation or Exposed Soil Present			M	
3. Erosion Management				
Evidence of Soil Erosion in Swale or Contributing Areas			M-S	
4. Dewatering				
Standing Water Longer Than 24 Hours After a Storm Event			A-S	
Evidence of Standing Water (ponding, noticeable odors, water stains, algae)			M	
5. Sedimentation				
Sedimentation Accumulation			A	
6. Hazards				
Have There Been Complaints From Residents?			M-A	
Public Hazards Noted?			M-A	
Is There Encroachment on Pervious Area or Easement by Buildings or Other Structures?			A-S	
7. Miscellaneous / Other				

Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked "U" for unsatisfactory, explain the actions taken and time table for correction.

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The University of New Hampshire
Durham, NH 03824

UNH Facilities
6 Leavitt Lane Durham, NH 03824
603-862-1437

Bioretention Systems and Tree Filters Inspections and Maintenance Checklist

Facilities ID: _____ Location: _____

Owner (circle one): Town of Durham University of New Hampshire

Inspector Name: _____

Date: _____ Time: _____ Site Conditions: _____

Maintenance Item	Satisfactory	Unsatisfactory	Inspection Frequency	Comments / Actions Required
1. Debris Cleanout				
Clear of Trash and Debris			M	
2. Vegetation Management				
Banks / Surrounding Areas Mowed			M	
Unwanted Vegetation Present			M	
Dead or Dying Vegetation Present			M	
Vegatation Should Cover > 75% of the System			A	
3. Erosion Management				
Evidence of Soil Erosion on Banks or Contributing Areas			M-S	
4. Dewatering				
Evidence of Standing Water (if covering more than 50% of surface, 48 hours after rain event)			M	
5. Sedimentation				
Forebay (if present) sediment inspection (cleanout when 50% full)			M	
Evidence of Sediment in bioretention cell			M	
Presence of Holes			M	
6. Inlets / Outlets / Overflow Pipes				
Condition of Pipes (cracks, leaks, sedimentation)			Q	
Leaves / Debris Buildup or any other obstruction			M	
7. Hazards				
Have There Been Complaints From Residents?			M-A	
Public Hazards Noted?			M-A	
Is There Encroachment on Pervious Area or Easement by Buildings or Other Structures?			A-S	
8. Miscellaneous / Other				

Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked "U" for unsatisfactory, explain the actions taken and time table for correction.

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The University of New Hampshire
Durham, NH 03824

UNH Facilities
6 Leavitt Lane Durham, NH 03824
603-862-1437

Infiltration Trench Inspections and Maintenance Checklist

Facilities ID: _____ Location: _____

Owner (circle one): Town of Durham University of New Hampshire

Inspector Name: _____

Date: _____ Time: _____ Site Conditions: _____

Maintenance Item	Satisfactory	Unsatisfactory	Inspection Frequency	Comments / Actions Required
1. Debris Cleanout				
Clear of Trash and Debris			M	
Contributing / Adjacent Areas are Clean of Debris			M	
2. Vegetation Management				
Banks / Surrounding Areas Mowed			M	
Unwanted Vegetation Present			M	
3. Erosion Management				
Evidence of Erosion on the Banks of the Trench			M-S	
Evidence of Erosion Around Contributing Areas			M-S	
4. Dewatering				
Evidence of Standing Water			M	
Trench Dewaters Between Storm Events			A-S	
5. Sedimentation				
Evidence of Sediment in Trench			M	
Forebay Sediment Inspection (cleanout yearly or when 50% full)			M-A	
6. Inlets / Outlets / Overflow Pipes				
Condition of Pipes (cracks, leaks, sedimentation)			A	
Evidence of Bypass			A	
7. Surface Aggregate				
Condition of Stone or Mulch			A	
Surface Aggregate Clean			A	
Rehabilitation of Aggregate / Trench Needed			A	
8. Miscellaneous / Other				

Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked "U" for unsatisfactory, explain the actions taken and time table for correction.

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The University of New Hampshire
Durham, NH 03824

UNH Facilities
6 Leavitt Lane Durham, NH 03824
603-862-1437

Permeable Pavements Inspections and Maintenance Checklist

Facilities ID: _____ Location: _____

Owner (circle one): Town of Durham University of New Hampshire

Inspector Name: _____

Date: _____ Time: _____ Site Conditions: _____

Maintenance Item	Satisfactory	Unsatisfactory	Inspection Frequency	Comments / Actions Required
1. Debris Cleanout				
Clear of Trash and Debris			Q	
Adajacent Non-Permeable Areas Are Clean of Debris			Q	
2. Pavement Condition				
Visiable Damage to the Pavement / Paver			M	
Structual Integrity of the Pavement intact? (slumping, cracking,spalling, broken pavers)			M	
Check for Accimulation of Snow or Other Stockpile of Materials (salt, sand, mulch, soil, yard waste)			M	
3. Erosion Management				
Adjacent Vegetated Areas Show No Sign of Erosion and Run-On to Permeable Area			Q	
4. Dewatering				
Evidence of Standing Water (within 30 minutes of rain event)			A-S	
5. Sedimentation				
Accumulation of Sediment and Organic Debris on the Pavement Surface			Q	
6. Inlets / Outlets / Overflow Pipes				
Unobstructed and Sediment Free, if Visable			Q	
7. Hazards				
Obstructions or Debris Affecting Overflows / Emergency Spillways?			A	
Load-Bearing Capability of Pavement Intact?			A	
8. Miscellaneous / Other				

Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked "U" for unsatisfactory, explain the actions taken and time table for correction.

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The University of New Hampshire
Durham, NH 03824

UNH Facilities
6 Leavitt Lane Durham, NH 03824
603-862-1437

Proprietary BMP Inspections and Maintenance Checklist

Facilities ID: _____ Location: _____

Owner (circle one): Town of Durham University of New Hampshire

Inspector Name: _____

Date: _____ Time: _____ Site Conditions: _____

Note: Only use if applicable to the BMP at hand

Maintenance Item	Satisfactory	Unsatisfactory	Inspection Frequency	Comments / Actions Required
1. Debris Cleanout				
Clear of Trash and Debris (Internally)			M	
Adjacent Area Free of Debris			M	
2. Vegetation Management				
Grass Mowed			M	
Surrounding Area Fully Stabilized (No Evidence of Eroding Material Into Proprietary BMP)			M	
3. Water Retention (Where Required)				
Water Holding Chambers at Normal Pool			M	
Evidence of Erosion			M	
4. Sedimentation				
Filtration Chamber Free of Sediment			M	
Sedimentation Chamber < 50% Full			M	
5.Structual Components				
Condition of Pipes (cracks, leaks, sedimentation)			A	
Evidence of Structual Deterioration			A	
Evidence of Spalling or Cracking of Structual Parts				
6. Other				
Noticeable Odors			A	
Evidence of Filter(s) Clogging			A	
Evidence of Flow Bypassing			A	
7. Hazards				
Have There Been Complaints From Residents?			M-A	
Public Hazards Noted?			M-A	
8. Miscellaneous / Other				

Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked "U" for unsatisfactory, explain the actions taken and time table for correction.

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The University of New Hampshire
Durham, NH 03824

UNH Facilities
6 Leavitt Lane Durham, NH 03824
603-862-1437

Subsurface Gravel Filter Inspections and Maintenance Checklist

Facilities ID: _____ Location: _____

Owner (circle one): Town of Durham University of New Hampshire

Inspector Name: _____

Date: _____ Time: _____ Site Conditions: _____

Maintenance Item	Satisfactory	Unsatisfactory	Inspection Frequency	Comments / Actions Required
1. Debris Cleanout				
Clear of Trash and Debris			M	
2. Vegetation Management				
Grass Height (maintain 2-6 inch height)			W-M	
Ground Cover Well Established (yearly reseeding needed)			Q	
Unwanted Vegetation Present			M	
Dead Vegetation or Exposed Soil Present			M	
3. Erosion Management				
Evidence of Soil Erosion in Defined Area			M-S	
Evidence of Soil Erosion From Surrounding Areas			M-S	
4. Dewatering				
Evidence of Standing Water (ponding, noticeable odors, water stains, algae)			M	
System Draining Fully Ensuring There is No Standing water Above the Inlet and Outlet Controls			A	
5. Sedimentation				
Accumulation of Sediment or Organic Debris on Surface			M	
6. Inlets / Outlets / Overflow Pipes				
Condition of Pipes (cracks, leaks, sedimentation)			A	
Evidence of High-Flow Bypass			A	
Bypass Functioning Normally			A	
Inlet Control Structures Are < 50% Full of Sediment			A	
7. Connecting Catch Basins				
Sediment Level in Catch Basins Are < 50% Full of Sediment			A	
Foul Contents / Unwanted Contaminants in Catch Basin			A	
8. Miscellaneous / Other				

Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked "U" for unsatisfactory, explain the actions taken and time table for correction.

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The University of New Hampshire
Durham, NH 03824

UNH Facilities
6 Leavitt Lane Durham, NH 03824
603-862-1437

Subsurface Gravel Wetland Inspections and Maintenance Checklist

Facilities ID: _____ Location: _____

Owner (circle one): Town of Durham University of New Hampshire

Inspector Name: _____

Date: _____ Time: _____ Site Conditions: _____

Maintenance Item	Satisfactory	Unsatisfactory	Inspection Frequency	Comments / Actions Required
1. Debris Cleanout				
Clear of Trash and Debris			M	
Animal Burrows			M	
2. Vegetation Management				
Vegatation Should Cover > 75% of the System			A	
Unwanted Vegetation Present			A	
Dead Vegetation or Exposed Soil Present			A	
Cut and Remove Vegetation From the System and Forebay to Maintain Nitrogen Performance			A3	
3. Erosion Management				
Evidence of Internal Soil Erosion			M-S	
Evidence of Soil Erosion From Surrounding Areas			M-S	
4. Dewatering				
Evidence of Standing Water (ponding, noticeable odors, water stains, algae)			M	
System is Fully Draining within a 24 -48 Hour Period After Rain Events			A-S	
5. Sedimentation				
Accumulation of Sediment or Organic Debris on Surface			M	
6. Inlets / Outlets / Overflow Pipes				
Condition of Pipes (cracks, leaks, sedimentation)			A	
Evidence of High-Flow Bypass			A	
Bypass Functioning Normally			A	
7. Hazards				
Have There Been Complaints From Residents?			M-A	
Public Hazards Noted?			M-A	
8. Miscellaneous / Other				

Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms; A3 = Once every three years

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked "U" for unsatisfactory, explain the actions taken and time table for correction.

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