



TOWN OF WAKEFIELD

Department of Public Works
William J. Lee Memorial Town Hall
One Lafayette Street
Wakefield, MA 01880
781-246-6301 x4120

Standard Operating Procedure Grassed Channel

I. PURPOSE

A Grassed Channel is a treatment Best Management Practice (BMP) that are designed treat stormwater via the mechanism of sedimentation and gravity separation. They are designed as shallow swales vegetated with grass seed mixes that help reduce Total Suspended Solid (TSS) loads.

II. INSPECTION

Regular inspections are important to prevent failure of this BMP. Grassed Channels should be inspected monthly when regular maintenance/observance such as lawn care occur. All accumulated trash should be collected at this time and signs of erosion should be repaired. Mowing of the channel should occur during the growing season.

III. MAINTENANCE

Regular maintenance shall be conducted at the following intervals to maintain Grassed Channels so that they operate and provide TSS removal as intended.

Activity	Time of Year	Frequency
Rem. Sediment in Forebay	Autumn	Annually
Rem. Sediment in Swale	Autumn	Annually
Mow	Spring/Summer/Autumn	Once a Month
Repair erosion areas	Spring/Summer/Autumn	As needed

IV. LOCATION OF BIORETENTION AREAS

- a. Veteran's Field
468 North Avenue
Wakefield, MA 01880

V. REVISION




These procedures contained in the SOP are reviewed as part of the NPDES MS₄ Annual Report development and updated as needed.

VI. EFFECTIVE:

June 2021

SIGNED:

A handwritten signature in black ink, appearing to read 'W. J. Renault, Jr.', with a stylized flourish at the end.

William J. Renault, Jr., P.E.
Town Engineer
Engineering Division
Wakefield Department of Public Works