



DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, CORPS OF ENGINEERS
ATTN: REGULATORY BRANCH
2 HOPKINS PLAZA
BALTIMORE, MD 21201

Corps Permit Tracking No.

MDSPGP-6
ACTIVITY b (6)
Culvert Pipe Grouting/Sealing and Joint Repairs

The authorized Culvert Pipe Grouting/Sealing and Joint Repairs activities must comply with the following applicable activity specific conditions indicated by an "X" in the boxes below, all general conditions of this permit, and any project-specific special conditions.

This activity authorizes the discharge of grout paving material associated with repairs to degraded pipe and box culverts into waters of the United States. This activity also authorizes temporary structures, work, and discharges of dredged or fill material necessary for associated construction activities or repairs, including but not limited to stream diversion devices, access fills, structures and/or fills for dewatering of construction sites, and placement of construction matting in waters of the United States (Sections 10 and/or 404, all waters of the United States).

Category A Impact Limits and Requirements:

- (i) The total temporary and permanent impacts to nontidal waters of the United States are limited to the minimum necessary to repair the structure or to ensure the safety of the structure and are not to exceed 10,000 square feet of nontidal waters of the United States and/or 1,000 linear feet of nontidal streams, rivers, or other open waters.
- (ii) Category A does not authorize impacts to tidal streams or tidal wetlands. These activities must be reviewed under Category B or alternate Corps permit review procedures, as appropriate.

Category B Impact Limits and Requirements:

- (i) The single and complete project will result in no more than a total 0.5-acre loss of tidal and nontidal waters of the United States, to include stream channel, wetlands, and open waters and the loss of stream channel may not exceed 1,000 linear feet.

Requirements Applicable to Both Category A and Category B Activities:

- (i) Application must be submitted to MDE for Corps authorization.
- (ii) The total temporary (i.e., construction impacts, including stream diversion devices, etc.) and permanent impacts to waters of the United States is limited to the minimum necessary to repair the structure or to ensure the safety of the structure.
- (iii) All work must be conducted in dry conditions using an appropriate stream diversion technique.

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- (iv) Base flow must be maintained in all intermittent and perennial streams.
- (v) The activity must not impound the stream or river.
- (vii) This activity does not authorize installation of new culverts or work on existing bottomless arch culverts and bridge spans.
- (viii) To avoid in-stream pH changes (i.e., pH spikes) onsite and downstream, grout/concrete must be cured prior contact with the stream.

Project-Specific Special Conditions apply (See Corps verification letter for these conditions.)