



Stormwater MS4

October 22, 2025

Silt Fence Installation & Maintenance

Purpose: Keep sediment on-site by properly installing and maintaining silt fences before rain events.

Do:

- Install along the contour of the land—not up and down the slope.
- Make sure stakes are on the downhill side with fabric trenched in at least 6 inches.
- Inspect after each rainfall and replace damaged sections immediately.

Don't:

- Don't leave gaps at the bottom or overlap seams loosely.
- Don't use silt fences as check dams or place them in concentrated flow areas.

Inspection Tip: Check for sagging, undercutting, or washouts. If you see sediment past the fence—it's time for maintenance.

Concrete Washout Management

Purpose: Prevent concrete slurry from entering storm drains or waterways by using a designated washout area.

Do:

- Set up a lined, contained area away from storm drains.
- Empty washout bins regularly before they overflow.
- Educate subs and drivers on where washouts are located.

Don't:

- Don't wash out in the street or near a curb inlet.
- Don't dump leftover concrete or rinse water on bare ground.

Inspection Tip: Inspect washout areas daily during active pours—make sure liners are intact and not leaking.

Material Storage & Spill Prevention

Purpose: Store materials safely to prevent pollutants from running off during rain events.

Do:

- Store all materials under cover or inside secondary containment.
- Keep lids on drums and containers.
- Have spill kits available and train staff on use.

Don't:

- Don't leave open paint, oil, or chemical containers outdoors.
- Don't hose down spills—use dry cleanup methods instead.

Inspection Tip: Check for staining or residue around storage areas and clean up immediately.

Erosion Control After Rain Events

Purpose: Inspect and repair BMPs after each storm to keep them working right.

Do:

- Walk the site after every rainfall event over 0.5 inches.
- Re-seed or mulch any bare spots immediately.
- Keep inlet protection devices clean and functioning.

Don't:

- Don't assume BMPs survived a heavy rain—always check.
- Don't delay repairs—erosion worsens quickly.

Inspection Tip: Document inspections with photos and notes for your records.

Proper BMP Removal & Site Stabilization

Purpose: Remove temporary controls only after the site is fully stabilized.

Do:

- Leave silt fences and inlet protection in place until vegetation is well-established.
- Seed, mulch, and stabilize all bare soil areas before BMP removal.
- Dispose of sediment and debris properly—don't push it off-site.

Don't:

- Don't remove BMPs too early.
- Don't leave sediment piles in right-of-way or near inlets.

Inspection Tip: Check seeded areas weekly until at least 70% vegetation coverage is achieved.

Proper BMP Removal & Site Stabilization

Purpose: Remove temporary controls only after the site is fully stabilized.

Do:

- Leave silt fences and inlet protection in place until vegetation is well-established.
- Seed, mulch, and stabilize all bare soil areas before BMP removal.
- Dispose of sediment and debris properly—don't push it off-site.

Don't:

- Don't remove BMPs too early.
- Don't leave sediment piles in right-of-way or near inlets.

Inspection Tip: Check seeded areas weekly until vegetation coverage is achieved.