



# CONSTRUCTION SITE STORMWATER COMPLIANCE

*Your guide to a successful Weld County MS4  
Construction Stormwater Inspection*

## CONTACT

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## PURPOSE

This document was created to help your site comply with Weld County MS4 stormwater requirements while avoiding violations and costly enforcement actions.

## CONSTRUCTION SITE MANAGEMENT

Stormwater Management Plans (SWMPs) are developed to prevent potential pollutants from leaving your site and illegally discharging into roadside ditches and waterways.

You are required to have a Qualified Stormwater Manager (QSM) who is trained to successfully implement the SWMP at the site.

For local SWMP or QSM training opportunities, visit the Weld County MS4 website.

## STORMWATER INSPECTIONS

Weld County is required by CDPHE to inspect construction sites within the MS4 area at a prescribed frequency.

- Routine Inspections occur at least every 45 days.
- Compliance Inspections occur within 14 days of a violation.

## WALK YOUR SITE BEFORE THE INSPECTION

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If violations are found during a routine inspection, you may be charged a **\$50/hour re-inspection fee** for a follow up compliance inspection.

## CONSTRUCTION SITE ACCESS

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- ✓ Sweep dirt off the road daily.
- ✓ If the VTC is getting full, flip it or fluff it.

## LIMITS OF CONSTRUCTION

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- ✓ Make sure your entire perimeter is fully protected with bmps that are not damaged or deteriorated.
- ✓ Do not disturb beyond the limits of construction unless you notify the County and landowner prior to disturbance.

## SANITARY WASTE MANAGEMENT

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- ✓ Stake toilets into the ground.
- ✓ Place toilets away from drainage areas and waterways.

**Fact: Straw wattles do not provide spill protection for portable toilets.**

## SOLID WASTE MANAGEMENT

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- ✓ Place dumpsters away from drainage areas and waterways.
- ✓ Protect or remove erodible waste piles on the ground.
- ✓ Pick up all worker trash and construction site waste daily. (i.e. old silt fence and wattles, lath, bundling straps, etc.)
- ✓ Have dumpsters hauled off before they overflow.
- ✓ Cover dumpsters if waste can become windblown.
- ✓ Clean up any spills or leaks around the dumpster area.

## LIQUID CHEMICALS MANAGEMENT

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- ✓ Store liquid chemicals indoors or under cover, away from drainage areas and waterways.
- ✓ Provide secondary containment for liquids over 55 gallons.
- ✓ Keep spill kits and/or spill cleanup materials onsite.

## BMP QUICK REFERENCE GUIDE:

### ❖ Silt Fence

- Properly staked, stapled and trenched into the ground
- No sagging, holes, rips or tears
- Joints correctly wrapped
- <6" sediment accumulation
- No sediment or other objects pushed against the fence

### ❖ Straw Wattles

- Properly staked at least every 4'
- Trenched into the ground at least 2" (>2" for larger wattles) and backfilled with compacted excavated soil
- No holes, rips or tears
- Ends overlapped at least 12"
- <50% sediment accumulation
- Placement perpendicular to flow

### ❖ Straw Bales

- Properly staked with at least 2 stakes measuring 2"x2"x24"-36"
- Trenched into the ground at least 4" and backfilled with compacted excavated soil
- Certified weed-free
- Vertical straw placement (twine should not be visible on top of the bale)
- Bales tightly abutted
- <25% sediment accumulation
- Placement perpendicular to flow

### ❖ Rock Socks and Rubber Filled Logs

- No holes, rips or tears
- Socks tightly abutted or ends overlapped at least 12"
- <50% sediment accumulation
- Placement perpendicular to flow

## CONCRETE, STUCCO AND/OR MASONRY WORK

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- ✓ Provide a washout structure during all concrete, stucco and masonry work.
- ✓ Do not wash off tools or chutes onto stockpiles or the ground.
- ✓ Do not place the washout near drainage areas or waterways.
- ✓ Washouts must be emptied at 2/3rds capacity.

**Fact: Concrete 'slobber' is considered waste and must be removed.**

## DEWATERING

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- ✓ Submit to the County a state-issued dewatering permit before any pumped water leaves your site.

## EROSION AND SEDIMENT CONTROL

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- ✓ Install bmps according to the plan and specifications.
- ✓ Protect all areas of disturbance.
- ✓ Place stockpiles away from drainage areas and waterways. If that is not possible, add stockpile protection.
- ✓ Protect all inlets, outlets, culverts and pans from sediment.
- ✓ Repair or replace damaged bmps asap. If not immediately, add a different bmp in the meantime (i.e. rock sock).
- ✓ Add more bmps if overwhelmed with sediment.

## GOOD HOUSEKEEPING

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- ✓ Conduct stormwater self-inspections per the state-issued construction stormwater permit.
- ✓ Monitor bmps daily and take corrective actions asap.
- ✓ Have extra bmps onsite for quick fixes.
- ✓ Store building materials in staging areas.
- ✓ Provide containment for worker trash.
- ✓ Maintain vehicles and equipment to prevent spills.
- ✓ Fuel equipment in a protected area.
- ✓ Implement dust suppression as necessary.
- ✓ Have a site-appropriate spill kit readily available.
- ✓ Clean up leaks and spills using dry methods.

## AS-BUILT DRAWING INSPECTION

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The County will verify the certified as-built drawing matches existing site conditions, which should detail all modifications made to the plans during construction. If they do not match, you may be charged a **\$50/hour re-inspection fee** for a follow up inspection.