Preparing for a Significant Rain Event

You’ve been proactive and have been monitoring the weather for storm events. You see that a large storm is heading right to your construction site. What do you do next?

Information & Scheduling:

✓ Inform trade supervisors of predicted rain
✓ Schedule staff for extended rain inspections (including weekends and holidays)
✓ Review BMP map

Material Storage Areas:

✓ Material under cover or in sheds (e.g. treated wood, stockpiles)
✓ Perimeter control around stockpiles (checking all BMPs)
✓ Properly store ANY and ALL chemicals in a shed/trailer

Waste Management Areas:

✓ Dumpsters closed
✓ Drain holes plugged
✓ Recycling bins/trash cans emptied/covered
✓ Sanitary stations bermed and protected from tipping

Concrete Washout Areas:

✓ Check for adequate capacity for rain
✓ Cover washout bins
Construction Operations:

✓ Shut down exterior operations for rain event (e.g. no concrete pours or paving)
✓ Do not apply soil treatments (e.g. fertilizer) within 24 hours of event
✓ Properly store and cover materials and equipment (e.g. tools)
✓ Dispose of waste and debris in covered dumpsters or remove from site
✓ Protect trenches and excavations
✓ Install perimeter controls around disturbed areas; fix areas that need attention
✓ Cover and berm fueling and repair areas

Site SESC BMPs:

✓ Check for adequate capacity in sediment basins and traps
✓ Site perimeter controls in place
✓ Catch basin and drop inlet protection in place
✓ Deploy temporary erosion control on inactive areas
✓ Deploy temporary perimeter control around disturbed areas or stockpiles
✓ Sweep roads; stabilize construction entrance/exit points

Spill and Drips:

✓ Clean up all incident spills and drips, including paint, fuel, and oil
✓ Empty drip pans