



Preparing for a Significant Rain Event



Updated 2017

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



Source: Mike Rominger, <http://www.news.appstate.edu/2003/07/>

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

