

Construction Source Control BMP Questions

SOIL EROSION AND SEDIMENT CONTROL PRACTICES

MINIMIZE THE AMOUNT OF DISTURBED SOIL

1. Does the site plan require a significant amount of grade changes?
2. Are there portions of the site that do not have to be cleared for construction to proceed?
3. Can construction be performed in stages, so that the entire site does not have to be cleared at one time?
4. Are there portions of the site that will be disturbed then left alone for long periods of time?
5. Does the facility stabilize all disturbed areas after construction is complete?
6. Does snow prevent the facility from seeding an area?
7. Is there enough rainfall to allow vegetation to grow?

PREVENT RUNON FROM FLOWING ACROSS DISTURBED AREAS

1. Does runoff from the undisturbed uphill areas flow onto the construction site?
2. Will runoff flow down a steeply sloped, disturbed area on the site?
3. Is there a swale or stream that runs through the construction site?
4. Does construction traffic have to cross drainage swales or streams?

SLOW DOWN THE RUNOFF TRAVELING ACROSS THE SITE

1. Is the site gently sloped?
2. Is the site stabilized with vegetation?
3. Does runoff concentrate into drainage swales on the site?

REMOVE SEDIMENT FROM ONSITE RUNOFF BEFORE IT LEAVES THE SITE

1. Does the construction disturb an area 10 acres or larger that drains to a common location?
2. Is a sediment basin attainable on the site?
3. Does runoff leave the disturbed area as overland flow?
4. Is the flow concentrated in channels as it leaves the disturbed areas?
5. Are structural controls located along the entire downhill perimeter of all disturbed areas?
6. Is there a piped storm drain system with inlets in a disturbed area?

MEET OR EXCEED LOCAL/STATE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL

1. Does the State or local government require erosion and sediment control for construction projects?
2. Does the State or local government have an erosion and sediment control requirement that is different from the requirements of the NPDES storm water permit?

OTHER CONTROLS

GOOD HOUSEKEEPING

1. Does the facility appear to implement good housekeeping practices?

WASTE DISPOSAL

1. What steps are taken to ensure that construction waste is properly disposed of?
2. What management practices are used to minimize or prevent impacts on storm water from hazardous products on the construction site?
3. Are concrete trucks allowed to washout or dump onsite?
4. Is sandblasting performed at the site? If so, what is done with the used grit?

MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS

1. What measures have been taken to prevent offsite vehicle tracking?

SANITARY/SEPTIC DISPOSAL

1. How are sanitary or septic wastes managed?
2. How does the facility demonstrate compliance with State or local sanitary or septic system regulations?

MATERIAL MANAGEMENT

1. What types of materials are found on the construction site?
2. How are these materials managed?
3. What risks are present onsite as a result of material management practices?
4. Is the facility implementing any methods to reduce potential risks from material management?
5. If applicable, how are pesticides managed at the site?
6. If applicable, how are petroleum products managed at the site?
7. If applicable, what steps are taken to reduce nutrient pollution from fertilizers and detergents?

SPILLS

1. Does the facility have a spill control plan for the site?
2. Does the facility know what spill prevention methods and responses will be used?

CONTROL OF ALLOWABLE NON-STORM WATER DISCHARGES

1. What non-storm water discharges are present at the site?
2. How does the facility manage the non-storm water discharges?
3. How are allowable non-storm water discharges addressed in the storm water Pollution Prevention Plan?
4. What types of controls or practices are used to prevent pollution from non-storm water discharges?
5. What types of controls are used for discharges that have sediments?