

**CITY OF CHERRY HILLS VILLAGE
GENERAL CONSTRUCTION STORM WATER PERMIT CHECKLIST**

Site Description

- Nature of the activity
- Intended sequence of major events
- Timing
- Which subcontractor is responsible
- Total area of site, area to be disturbed
- Run-off coefficient for pre-construction and post construction
- General location map
- Discharge locations
- Receiving Water
- Wetland or special aquatic sites (on-site, near or receiving discharges)

Structural Practices

- Structures used to divert storm water
- Structures used to store storm water
- Post-construction controls (required when sediment or other pollutants leaving the site will exceed pre-development levels)
- Technical explanation why practices are selected
- Velocity dissipation devices
- Controls used to prevent solid materials
- Controls used to minimize offsite tracking
- Compliance with local and state regulations
- Materials to be stored on-site (with updates)
- Pollutants from support activities (asphalt/concrete plant)
- Control measures for support activities
- Measures to protect threatened or endangered species, or critical habitat

Site Map

- Drainage patterns
- Approximate slopes after major grading
- Areas of soil disturbance
- Areas which will not be disturbed
- Locations of control measures
- Locations where stabilization practices are expected to occur
- Location of off-site storage of material, waste, borrow, or equipment storage
- Surface Waters
- Storm Water discharge locations

Stabilization Practices

- Description of interim stabilization practices
- Description of permanent stabilization practices
- Schedule of implementation
- Dates when major grading activities occur
- Dates when construction activities cease (permanently or temporarily)
- Type of stabilization used and location

Other

- Maintenance Procedures
- Inspections (of disturbed areas, areas used for material storage , control measures, and vehicle access)
- Copy of State Permit (if required)

Inspection Records

- Name & qualification of inspector
- Date
- Major observations
- Non-storm water discharge sources

Erosion & Sediment Controls

- Control measures used should be designed to keep sediment on site.
- Control measures should be properly selected, installed and maintained in accordance with manufacturer's specification and good engineering practices.
- Accumulated sediment, off-site, must be removed often enough to minimize impacts.
- Sedimentation ponds/traps must be cleaned out when 50% full (by volume)
- Litter must be prevented from being a pollutant.
- Offsite material storage areas are considered part of the plan.

The NPDES permit number must be posted at the site

"Final Stabilization" means a uniform perennial vegetative cover of at least 70% of the native background cover for the area

Some Stabilization Practices

- Preservation of Existing Vegetation
- Protection of Trees
- Vegetative Buffer Strips
- Mulching
- Geotextiles
- Temporary Vegetation
- Permanent Vegetation
- Sod Stabilization

Avoid: Impervious surfaces for stabilization

This is also true for sites that won't have runoff because of winter conditions. (Frozen!)

Inspections

- Performed every fourteen days or after 1/2 inch rain
- Major observations to be made during inspections:
 - locations of discharges of sediment or other pollutants from the site.
 - locations BMPs that are in need of maintenance
 - locations BMPs that are not performing, failing to operate, or were inadequate.
 - locations where additional BMP's are needed

Some Structural Practices

| | |
|-------------------|-------------------|
| Silt Fences | Pipe Slope Drains |
| Earth Dikes | Level Spreaders |
| Drainage Swales | Inlet Protection |
| Sediment Traps | Outlet Protection |
| Check Dams | Gabions |
| Subsurface Drains | Sediment Basins |