

CHECKLIST

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Project Name: \_\_\_\_\_

NARRATIVE

\_\_\_\_\_ Project Description – Briefly describes the nature and purpose of the land-disturbing activity, the location and the area (acres) to be disturbed.

\_\_\_\_\_ Existing site conditions – A description of the existing topography, vegetation and drainage.

\_\_\_\_\_ Adjacent Areas – A description of neighboring areas such as streams, lakes, residential areas, roads, etc., which might be affected by the land disturbance.

\_\_\_\_\_ Off-site areas – Describe any off-site land disturbing activities that will occur (including borrow sites, waste or surplus areas, etc.). Will any other areas be disturbed?

\_\_\_\_\_ Soils – A brief description of the soils on the site, giving such information such as soil name, erodibility, permeability, depth, texture and soil structure.

\_\_\_\_\_ Critical Areas – A description of areas on the site which have potentially serious erosion problems (steep slopes, channels, etc.).

\_\_\_\_\_ Erosion and sediment control measures – A description of the methods which will be used to control erosion and sedimentation on the site. (Controls shall meet the minimum specified requirements found in Chapter 9 of the City of Lincoln Drainage Criteria Manual).

\_\_\_\_\_ Permeant Stabilization - A brief description, including specifications, of how the site will be stabilized after construction is completed (Post Construction Best Management Practices).

\_\_\_\_\_ Stormwater runoff and management – Will the developed site cause an increase in peak runoff rates? Will the increase in runoff cause flooding or channel degradation downstream? Describe the strategy to control stormwater runoff.

\_\_\_\_\_ Spill Prevention & Response Plan – When developing a spill prevention and response plan, at a minimum, include the following:

- Note the locations of chemical storage areas, storm drains, tributary drainage areas, surface water bodies on or near the site and measures to stop spills from leaving the site.
- Specify how to notify the property authorities to request assistance
- Describe the procedures for cleanup for spills and proper disposal
- Identify the personnel responsible for implementing the plan in the event of a spill

#### SITE PLAN

\_\_\_\_\_ Vicinity Map – A small map locating the site in relation to the surrounding area. Include any landmarks which might assist in locating the site.

\_\_\_\_\_ Indicate North – The direction of north in relation to the site.

\_\_\_\_\_ Limits of clearing and grading – Areas which are to be cleared and graded.

\_\_\_\_\_ Existing contours – The existing contours of the site.

\_\_\_\_\_ Final contours – Changes to the existing contours, including final drainage patterns.

\_\_\_\_\_ Existing vegetation – The existing tree lines, grassed areas, or unique vegetation.

\_\_\_\_\_ Soils – The boundaries of the different soil types.

\_\_\_\_\_ Existing drainage patterns – The dividing lines and the direction of flow for the different drainage areas. Include size (acreage) of each drainage area.

\_\_\_\_\_ Location of practices – The locations of erosion and sediment controls and stormwater management practices used on the site. Use the standard symbols and abbreviations as noted in Chapter 9 of the City of Lincoln Drainage Criteria Manual.

\_\_\_\_\_ Off-site areas – Identify any off-site land disturbing activities (borrow sites, waste sites, etc.). Show the location of erosion controls. (Is there sufficient information to assure adequate protection and stabilization?)

## DETAILS

- \_\_\_\_\_ Detailed Drawings – Enlarged, dimensioned drawings of such key features as sediment basin risers, energy dissipaters and waterway cross-sections (Prefer electronic submittals).
- \_\_\_\_\_ Specific Specifications – Specifications for specific items such as seeding mix and planting schedule, filter fabric size, rock gradations, etc.
- \_\_\_\_\_ Construction sequencing – Specifications for the sequence of construction operations describing the relationship between the implementation and maintenance of sediment controls, including permanent and temporary stabilization and the various stages or phases of earth disturbance and construction.
- \_\_\_\_\_ Maintenance Program – A description of inspection schedules, spare materials needed, stockpile locations, instructions for sediment removal and disposal, and for the repair of damaged structures should be provided. A clear statement defining maintenance responsibility should also be included.

## CALCULATIONS

- \_\_\_\_\_ Calculations and assumptions – Provide data for design storm used to size pipes, channels, sediment basins and traps. Include calculations for pre- and post-development runoff as well as any other calculations necessary to support drainage, erosion and sediment, and stormwater management systems.