

1. Site Evaluation and Design Development

A. Collect Site Information

- Existing soils information
- Existing runoff water quality
- Location of surface waters
- Name of receiving water

B. Develop Site Plan Design

C. Describe Construction Activities

- Describe purpose of goal of project (i.e. residential subdivision)
- List soil disturbing activities (demolition, clearing, grading, excavating, utilities, paving, etc.)

D. Prepare Pollution Prevention Site Map

- 1.4 Slopes after grading
- Disturbed areas
- Areas not to be disturbed
- 1.4 Drainage patterns (including flow arrows)
- Discharge points
- Identify swales, channels, storm sewers etc
- Control measures
- Surface waters
- Location of offsite storage of material & equipment, waste, borrow, etc.

2. Assessment Phase

A. Measure the site area

- Total area of the site (including off site borrow or fill areas)
- Total area disturbed

B. Determine Drainage Areas

- Identify drainage areas

C. Calculate Runoff Coefficient

- Pre-construction runoff coefficient
- Post-construction runoff coefficient

3. Control Selection/Plan Design Phase

A. Review & Incorporate State and Local Requirements

- City of Rock Island Storm Water Control Ordinance
- City of Rock Island Grading and Drainage Permit

B. Select Erosion and Sediment Controls

Description of the control measures

- Stabilization
- Disturbed areas that will not be redisturbed for **14** days must be stabilized by the **7th** day after the last disturbance
- Structural
- Temporary Sediment basin if upstream drainage area is greater than 10 Acres

C. Select Other Controls

- Construction site waste material disposal
- Sanitary waste disposal
- Offsite tracking of sediment and dust control
- Identify and prevent contamination of non-stormwater discharges

D. Select Storm Water Management Controls

- Description of the control measures (including Velocity Dissipation controls)

E. Indicate Location of Controls on Site Map

F. Inspection and Maintenance Plan

- Describe procedures to maintain controls
- Inspection and maintenance checklist for each control

G. Description of Controls

- Description of control, purpose, and why it is appropriate
- Describe size, materials and methods of installation/use

H. Sequence of Major Activities

- Include installation of all controls, earth disturbing activities, stabilization activities, and maintenance requirements

4. Certification and Notification Phase

A. Certify Pollution Prevention Plan

- Certifications shall be in accordance with the requirements of ILR10 Part VI. G
- Owner/Operation Certification

"I certify under penalty of law that this document and all attachments were prepared under my direct supervision in accordance with a system designed to assure that qualified personnel properly gathered, evaluated the information submitted. Based on my inquiry of the person or persons who manage the site, those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for providing false information, including the possibility of fine and imprisonment for knowing violations."

- Contractor/Subcontractor Certification

"I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

- B. Attach a copy of the ILEPA Notice of Intent (NOI)**

The NOI requires compliance with Illinois law on:

- Endangered Species
- Historic Preservation

5. Construction/Implementation Phase

A. Implement Controls

B. Inspect and Maintain Controls

Inspections

Every 7 days and within 24 hours of a 0.5" or greater rainfall event

Inspection report - sign in accordance with the requirements of ILR10 Part VI.G

Inspection certification statement

"I certify under penalty of law that this document and all attachments were prepared under my direct supervision in accordance with a system designed to assure that qualified personnel properly gathered, evaluated the information submitted. Based on my inquiry of the person or persons who manage those persons directly responsible for gathering the information, the information submitted is, to the knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for providing false information, including the possibility of fine and imprisonment for knowing violations."

For violations of this plan - submit an Incidence of Noncompliance to the ILEPA & City of Rock Island

Maintenance/repairs

Record repairs/maintenance needed on inspection report. Repairs/maintenance must be performed no later than 7 days after the inspection

C. Maintain Records of Construction Activities

Dates when major activities occur

Dates when construction activities cease temporarily

Dates when construction activities cease permanently

Dates when area is stabilized temporarily

Dates when area is stabilized permanently

D. Update/Change the Plan

Update to reflect site features and operations

Update when controls are not effective and are changed

Update when site changes are required by permitting authority, or City of Rock Island

E. Report Release of Reportable Quantities

If a reportable quantity is released:

Notify the Nation Response Center at 800-424-8802

Notify the appropriate local agencies

Within 14 days submit to ILEPA and City of Rock Island a written description of the release providing date and circumstances and steps taken to prevent reoccurrence

Modify Pollution Prevention Plan to include description, date, and steps to prevent reoccurrence

F. Provide for Plan Location and Access

Keep copy at construction site at all times

Retain records for 3 years after completion of final stabilization

Plans made available by request from ILEPA, City of Rock Island, and others

6. Final Stabilization/Termination Phase

A. Implement Controls

All soil disturbing activities completed & a uniform perennial vegetative cover with a density of 70% of the cover on unpaved areas has been established or an equivalent permanent stabilization has been constructed

Notice of Termination- Submit per ILEPA requirements (copy to City of Rock Island)

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