



August 2007

Construction-Storm Water Pollution Prevention Plans (SWPPP/SWP3)

LDEQ/Small Business/Small Community Assistance Program



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OBJECTIVES

- o Protect waters of the state
- o Meet or exceed permit requirements
- o Keep site in compliance so no violations occur that can cause an enforcement action



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Site Assessment and Planning

- Project/Site Information (description, start date, completion date, area disturbed, etc.)
- Contact Information
- Nature and Sequence of Construction
- Soil Information – type, runoff coefficients, K factors, etc.
- Slope – before and after grading
- Vegetation
- Receiving Stream
- Potential Pollutants
- Endangered Species
- Historic Preservation
- Site Features and Sensitive Areas to Protect



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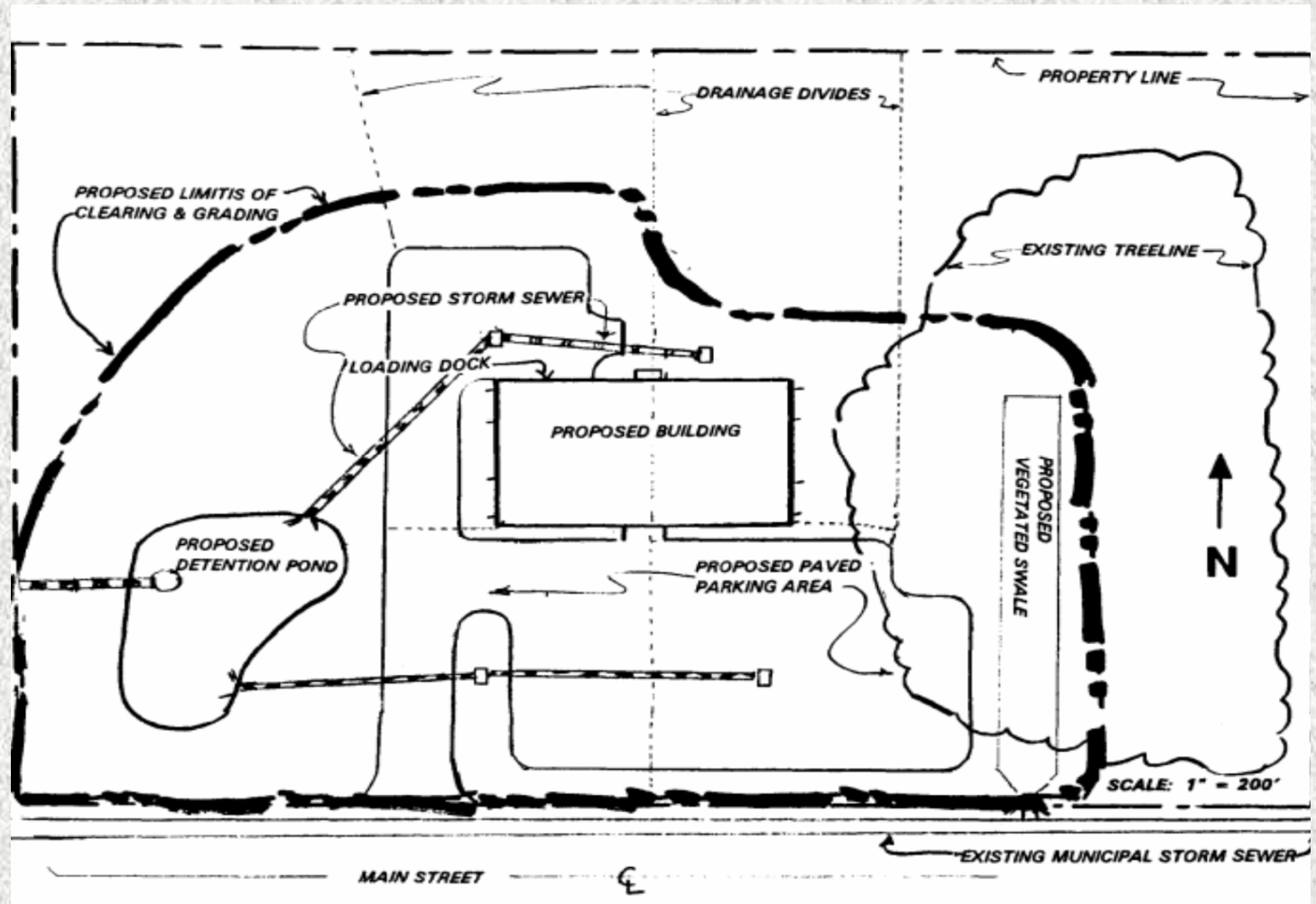
Site Maps

- o Develop Site Maps
 - Location Map
 - Undeveloped or Existing Site
 - Map or Series of Maps for Construction Plans



Example Site Map

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Selecting Erosion and Sediment Control BMPs

- Erosion Control vs. Sediment Control
 - Erosion Control – keeping dirt in place
 - Sediment Control – stopping the dirt from leaving the site
 - Structural and Non-Structural Controls

“Do what works. Don’t do what does not work!”



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Selecting Good Housekeeping BMPs

- Waste Management
- Establish material handling and staging areas
- Designate washout areas
- Control equipment/vehicle washing and allowable non-stormwater discharges
- Develop Spill Prevention and Response Plan – (where needed/required)



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Inspections

- Plans and Procedures for Inspecting BMPs
 - Every 7 days or every 14 days, before and after 1/2" rainfall event
 - Qualified inspectors
 - Document inspections (certification required)
 - Document weather information since last inspection
 - Document corrective actions



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Maintenance

- **BMP Maintenance - Discuss in SWP3**
 - Summarize Routine Maintenance
 - Schedule of Maintenance
 - Staff Responsible for Maintenance

Remember to:

- Remove sediment from roadways
- Remove sediment from sediment traps and ponds, etc. when design capacity reduced by 50%
- Make sure litter is picked up
- Make sure BMPs are in place and properly working



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Recordkeeping

- o Recordkeeping
 - Copy of permit, NOI, other regulations
 - Inspection forms
 - Corrective Action Log
 - Schedule of activities
 - When construction activities cease (temporarily or permanently)
 - When area temporarily or permanently stabilized
 - Changes to SWP3



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Training

- Train Staff and Subcontractors
 - General Awareness
 - Specific Duties
 - Inspectors
- Subcontractor Agreements



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Final Stabilization and Permit Termination

- o Final Stabilization
- o Permit Termination/Notice of Completion
- o Record Retention – (3 years from date stabilized)



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Certification and Notification

- Certification
 - Owner or Corporate Officer (Not an Engineer's certification unless an owner)
 - No impact on Historical Sites
 - No impact on Endangered Species or habitat
- Notification – NOI, NOT, Notification of Completion (LAG200000)