Mason County
Construction Stormwater Pollution Plan Submittal Checklist

Project Name: ____________________________________________________________
Parcel #’s: _____________________________________________________________
County Project No.: ___________________________ ___________________________
Author of Report: _______________________________________________________

Minimum Requirements of the DOE 2005 Stormwater Manual
The Stormwater checklist identifies the minimum requirements of the DOE 2005 Stormwater Manual. The Checklist is intended to identify the locations within the plan that addresses the minimum requirements. Mason County will not perform a technical evaluation of the submittal. Rather, the checklist provides a guide to allow Mason County to review the submittal and determine if the applicant has addressed the minimum features that make up a Stormwater plan.

It is incumbent upon the applicant and his/her engineer to fulfill all the applicable requirements of the 2005 Stormwater Plan as it relates to the proposed project. Review by Mason County is intended to determine if the plan has addressed the minimum requirements. Applicant’s engineer shall be responsible for the technical accuracy of the submitted Stormwater plan.

During construction of the project, the stormwater plan engineer of record or his/her authorized representative shall inspect the site to ensure the stormwater plan is being implemented as designed. Upon completion of the project, the engineer or his authorized representative shall be required to certify that the stormwater plan has been implemented as designed.

Failure to meet the minimum requirements could result in delay or rejection of the application until the deficiencies are corrected.

Section I – Construction SWPPP Narrative

1. Construction Stormwater Pollution Prevention Elements
   ___ a. Describe how each of the Construction Stormwater Pollution Prevention Element has been addressed though the Construction SWPPP.
   ___ b. Identify the type and location of BMPs used to satisfy the required element.
   ___ c. Written justification identifying the reason an element is not applicable to the proposal.

12 Required Elements – Construction Stormwater Pollution Prevention Plan
   ___ 1. Mark Clearing Limits, See page/paragraph ________________________________
   ___ 2. Establish Construction Access, See page/paragraph _________________________
   ___ 3. Control Flow Rates, See page/paragraph _________________________________
   ___ 4. Install Sediment Controls, See page/paragraph ____________________________
   ___ 5. Stabilize Soils, See page/paragraph _____________________________________
6. Protect Slopes, See page/paragraph

7. Protect Drain Inlets, See page/paragraph

8. Stabilize Channels and Outlets, See page/paragraph

9. Control Pollutants, See page/paragraph

10. Control De-Watering, See page/paragraph

11. Maintain BMPs, See page/paragraph

12. Manage the Project, See page/paragraph

2. Project Description

   a. Total project area. Acres ______ Sq. Ft. ________
   b. Total proposed impervious area. Acres ______ Sq. Ft. ________
   c. Total proposed area to be disturbed, included off-site borrow and fill areas.
      Acres ______ Sq. Ft. ________
   d. Total volumes of proposed cut and fill. Cubic Yards ________

3. Existing Site Conditions

   a. Description of the existing topography. See page/paragraph
   b. Description of the existing vegetation. See page/paragraph
   c. Description of the existing drainage. See page/paragraph

4. Adjacent Areas

   I. Description of adjacent areas that may be affected by the site disturbance
      a. Streams, See page/paragraph
      b. Lakes, See page/paragraph
      c. Wetlands, See page/paragraph
      d. Residential Areas, See page/paragraph
      e. Roads, See page/paragraph
      f. Other, See page/paragraph
   II. Description of the downstream drainage path leading from the site to the receiving body of water.
      (Minimum distance of 400 yards), See page/paragraph

5. Critical Areas

   a. Description of critical areas that are on or adjacent to the site.
      See page/paragraph
   b. Description of special requirements for working in or near critical areas.
      See page/paragraph
6. Soils
Description of on-site soils.
___ a. Soil name(s), See page/paragraph ____________________________
___ b. Soil mapping unit, See page/paragraph ____________________________
___ c. Erodibility, See page/paragraph ____________________________
___ d. Settleability, See page/paragraph ____________________________
___ e. Permeability, See page/paragraph ____________________________
___ f. Depth, See page/paragraph ____________________________
___ g. Texture, See page/paragraph ____________________________
___ h. Soil Structure, See page/paragraph ____________________________

7. Erosion Problem Areas
___ Description of potential erosion problems on site. See page/paragraph ____________________________

8. Construction Phasing
___ a. Construction sequence, See page/paragraph ____________________________
___ b. Construction phasing (if proposed), See page/paragraph ____________________________

9. Construction Schedule
___ I. Provide a proposed construction schedule, See page/paragraph ____________________________
___ II. Wet Season Construction Activities
___ a. Proposed wet season construction activities, See page/paragraph ____________________________
___ b. Proposed wet season construction restraints for environmentally sensitive/critical areas. See page/paragraph ____________________________

10. Engineering Calculations
Provide Design Calculations.
___ a. Sediment Ponds/Traps, See page/paragraph ____________________________
___ b. Diversions, See page/paragraph ____________________________
___ c. Waterways, See page/paragraph ____________________________
___ d. Runoff/Stormwater Detention Calculations, See page/paragraph ____________________________

___ An operation and maintenance schedule shall be provided for all proposed stormwater facilities and BMPs, and the party (or parties) responsible for maintenance and operation shall be identified. An operation and maintenance (O&M) Declaration of Covenant will be required to cover all privately owned and maintained stormwater facilities. O&M Declaration of Covenant forms are available at the Mason County Permit Assistance Center, 426 W. Cedar Street, Shelton, WA 98584. The proponent shall record a copy of the completed Declaration with the Mason County Auditors’ office. A copy of the recorded document must be submitted to the Permit Assistance Center together with this completed Checklist. See page/paragraph ____________________________.
Section II – Erosion and Sediment Control Plans

1. General
___ a. Vicinity Map, See page/paragraph
___ b. Clearing and Grading Approval Block, See page/paragraph
___ c. Erosion and Sediment Control Notes, See page/paragraph

2. Site Plan
___ a. Legal description of subject property
___ b. North Arrow
___ c. Indicate boundaries of existing vegetations, e.g. tree lines, pasture areas, etc.
___ d. Identify and label areas of potential erosion problems, See page/paragraph
___ e. Identify any on-site or adjacent surface waters, critical areas and associated buffers
___ f. Identify FEMA base flood boundaries and Shoreline Management boundaries (if applicable), See page/paragraph
___ g. Show existing and proposed contours
___ h. Indicate drainage basins and direction of flow for individual drainage areas
___ i. Label final grade contours and identify developed condition drainage basins
___ j. Delineate areas that are to be cleared and graded
___ k. Show all cut and fill slopes indicating top and bottom of slope catch lines

3. Conveyance Systems
___ a. Designate locations for swales, interceptor trenches, or ditches
___ b. Show all temporary and permanent drainage pipes, ditches, or cut-off trenches required for erosion and sediment control
___ c. Provide minimum slope and cover for all temporary pipes or call out pipe inverts
___ d. Show grades, dimensions, and direction of flow in all ditches, swales, culverts, and pipes
___ e. Provide details for bypassing off-site runoff around disturbed areas
___ f. Indicate locations and outlets of any dewatering systems

4. Location of Detention BMPs
___ a. Identify location of detention BMPs.

5. Erosion and Sediment Control Facilities
___ a. Show the locations of sediment trap(s), pond(s), and pipe structures.
___ b. Dimension pond berm widths and inside and outside pond slopes.
___ c. Indicate the trap/pond storage required and the depth, length, and width dimensions.
___ d. Provide typical section views through pond and outlet structure.
___ e. Provide typical details of gravel cone and standpipe, and/or other filtering devices.
___ f. Detail stabilization techniques for outlet/inlet.
___ g. Detail control/restrictor device location and details.
___ h. Specify mulch and/or recommended cover of berms and slopes.
___ i. Provide rock specifications and detail for rock check dams.
___ j. Specify spacing for rock check dams as required.
___ k. Provide front and side sections of typical rock check dams.
___ l. Indicate the locations and provide details and specifications for silt fabric.
___ m. Locate the construction entrance and provide a detail.

6. Detailed Drawings
___ a. Any structural practices used that are not referenced in the Ecology Manual should be explained and illustrated with detailed drawings.

7. Other Pollutant BMPs
___ a. Indicate on the site plan the location of BMPs to be used for the control of pollutants other than sediment, e.g. concrete wash water.

8. Monitoring Locations
___ a. Indicate on the site plan the water quality sampling locations to be used for monitoring water quality on the construction site, if applicable.

I certify that the stormwater plan submitted for this project fulfills the applicable provisions of the 2005 DOE Stormwater Manual.

_____________________________    _______________________
Engineer                      Date

_____________________________    _______________________
Applicant                     Date

Place eng. stamp and sign/date above.