PUBLIC WORKS & MOBILITY DEPARTMENT – STORMWATER
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DATE RECEIVED

# POST-CONSTRUCTION STORMWATER MANAGEMENT SITE PLAN REVIEW CHECKLIST

| PROJECT NAME | Permit Number | ADDRESS |
|---|---|---|
| TOTAL PROJECT AREA | | TOTAL DISTURBED AREA |
| Latitude: | | Longitude: |
| APPLICANT | ADDRESS | PHONE NUMBER |
| OWNER *(If different from Applicant)* | ADDRESS | PHONE NUMBER |

**Review History**

**First Review**

**Plan Received on:** _____ **Approved/Denied:** _____
**Review Completed on:** _____ **Comments:** _____
**Reviewed by:** _____ _____

**Second Review**

**Plan Received on:** _____ **Approved/Denied:** _____
**Review Completed on:** _____ **Comments:** _____
**Reviewed by:** _____ _____

**Third Review**

**Plan Received on:** _____ **Approved/Denied:** _____
**Review Completed on:** _____ **Comments:** _____
**Reviewed by:** _____ _____

**TECHNICAL REVIEW**

____ The Post-Construction Stormwater Management Plan **includes** the necessary post-construction components, to comply with the State and local post-construction stormwater requirements (identified in the attached checklist).

____ The Post-Construction Stormwater Management Plan **does not include** the necessary components (identified in the attached checklist), to comply with State and local post-construction stormwater requirements through failure to include the following:

**Reviewed by:** _____

**Signature:** _____ **Date:** _____

Project Name: Applicant:

| General Information | Complete | Incomplete | N/A |
|---|---|---|---|
| 1. Location | ☐ | ☐ | ☐ |
| a. Address, subdivision name, legal description, etc… | ☐ | ☐ | ☐ |
| 2. Type of development (residential, commercial, etc...) | ☐ | ☐ | ☐ |
| 3. Areas (ac) | ☐ | ☐ | ☐ |
| a. Total disturbed area | ☐ | ☐ | ☐ |
| b. Existing impervious area | ☐ | ☐ | ☐ |
| c. Post-development impervious area | ☐ | ☐ | ☐ |
| 4. Drainage basin maps are provided which clearly label the following: | ☐ | ☐ | ☐ |
| a. Existing basin boundaries | ☐ | ☐ | ☐ |
| b. Existing time of concentration flowpaths for each basin | ☐ | ☐ | ☐ |
| c. Post-development basin boundaries | ☐ | ☐ | ☐ |
| d. Post-development time of concentration flowpaths for each basin | ☐ | ☐ | ☐ |
| e. Discharge location(s) | ☐ | ☐ | ☐ |
| f. Receiving waters within 200 feet of project are identified | ☐ | ☐ | ☐ |
| 5. Montana Licensed Engineer Stamp | ☐ | ☐ | ☐ |
| **Drainage Plan Content** | | | |
| 1. Topographic map of existing and finished grade contours at 2-foot max intervals | ☐ | ☐ | ☐ |
| 2. Location of each permanent storm water control | ☐ | ☐ | ☐ |
| 3. Plan and profile of each permanent stormwater control | ☐ | ☐ | ☐ |
| 4. Invert elevations, slopes, and lengths of storm drain facilities | ☐ | ☐ | ☐ |
| 5. Size, types, invert elevations and lengths of all culverts and pipe systems | ☐ | ☐ | ☐ |
| 6. Discharge points clearly labeled | ☐ | ☐ | ☐ |
| 7. Receiving surface waters identified | ☐ | ☐ | ☐ |
| 8. Existing on-site natural resources identified and protected | ☐ | ☐ | ☐ |
| 9. FEMA floodplains identified | ☐ | ☐ | ☐ |
| **Calculations and Design Documentation** | | | |
| 1. Hydrology calculations | ☐ | ☐ | ☐ |
| a. State runoff method used (rational, SCS, etc…) | ☐ | ☐ | ☐ |
| b. State modeling constants and assumptions | ☐ | ☐ | ☐ |
| c. Description of design storms (frequency, depth, duration) | ☐ | ☐ | ☐ |
| d. Existing and post-development land uses | ☐ | ☐ | ☐ |
| e. Existing and post-development peak runoff rate for each design storm | ☐ | ☐ | ☐ |
| f. Existing and post-development runoff volume for each design storm | ☐ | ☐ | ☐ |

Project Name: Applicant

| Calculations and Design Documentation (Continued) | | | Complete | Incomplete | N/A |
|---|---|---|---|---|---|
| 2. | Post-construction BMP sizing calculations | | ☐ | ☐ | ☐ |
| | a. | State design requirements (0.5-inch requirement, TSS removal, or other) | ☐ | ☐ | ☐ |
| | b. | Required permanent controls capacities, flow rates, and operating levels | ☐ | ☐ | ☐ |
| | c. | Sizing calculations with results | ☐ | ☐ | ☐ |
| | d. | A statement documenting compliance with design requirements | ☐ | ☐ | ☐ |
| | e. | If 0.5-inch or TSS removal requirements are not met, provide documentation showing the impracticability of infiltration, evapotranspiration, capture for reuse, and treatment. | ☐ | ☐ | ☐ |
| 3. | Culvert and pipe system capacities and outlet velocities | | ☐ | ☐ | ☐ |
| 4. | Ditch capacities and velocities | | ☐ | ☐ | ☐ |
| **Additional Information** | | | | | |
| 1. | Permits, easements, setbacks, and discharge agreements | | ☐ | ☐ | ☐ |
| 2. | Floodplain maps | | ☐ | ☐ | ☐ |
| 3. | Operations and Maintenance Manual for each permanent stormwater control | | ☐ | ☐ | ☐ |
| | a. | Identify the owner | ☐ | ☐ | ☐ |
| | b. | Identify the party responsible for long-term O&M | ☐ | ☐ | ☐ |
| | c. | A schedule of inspection and maintenance for routine and non-routine maintenance tasks to be conducted | ☐ | ☐ | ☐ |
| | d. | System failure and replacement criteria to define the structure's performance requirements | ☐ | ☐ | ☐ |
| 4. | Geotechnical Report | | ☐ | ☐ | ☐ |