**STORMWATER Factor Sheet**

06-13-2019Wisconsin Department of Transportation

|  |  |  |
| --- | --- | --- |
| **Alternative:** | **Preferred: [ ]  Yes [ ]  No [ ]  None identified** | **Project ID:** |

1. **Special consideration should be given to areas that are sensitive to water quality degradation. Indicate whether a sensitive area is present and provide specific recommendations on the level of protection needed.**

 [ ]  No, special natural resources are not affected by the alternative

 [ ]  Yes, special natural resources exist in the project area

 [ ]  DNR designated Outstanding Resource Waters (ORW)

 [ ]  DNR Designated Exceptional Resource Waters (ERW)

 [ ]  Wetland(s)

 [ ]  Lake

  [ ]  Endangered species or critical habitat

 [ ]  Cold water stream

 [ ]  Other waterways

 [ ]  Areas of groundwater recharge

 [ ]  Total Maximum Daily Load (TMDL)

 [ ]  Other, describe:

 Describe protection recommendations:

1. **Indicate whether circumstances exist in the project vicinity that require additional consideration such as an increase in peak flow, total suspended solids (TSS) or water volume.**

 [ ]  No, additional or special circumstances are not present.

 [ ]  Yes, additional or special circumstances exist. Indicate all that are present:

 [ ]  Areas of groundwater discharge [ ]  Rural to urban conversion

 [ ]  Stream relocations [ ]  Impaired waterway

 [ ]  Long or steep cut or fill slopes [ ]  High velocity flows

 [ ]  Increased backwater [ ]  Large quantity flows

 [ ]  Significant increase in impervious surface

[ ]  Other – Describe any unique, innovative, or atypical stormwater management measures to be used:

1. **Describe the overall stormwater management strategy to minimize adverse effects and enhance beneficial effects:**
2. **Indicate how the stormwater management plan will be compatible with fulfilling Trans 401 and the WDNR Transportation Separate Storm Sewer System permit (TS4) requirements:**
3. **Identify the stormwater management measures to be considered:**

|  |  |
| --- | --- |
| [ ]  Swale treatment (parallel to flow) Trans 401.106(10) | [ ]  In-line storm sewer treatment, such as catch basins, non-mechanical treatment systems |
| [ ]  Vegetated filter strip (perpendicular to flow) | [ ]  Detention basins |
| [ ]  Distancing outfalls from waterway edge | [ ]  Constructed storm water wetlands |
| [ ]  Infiltration – Trans 401.106(5) | [ ]  Buffer areas – Trans 401.106(6)  |
| [ ]  Other – Describe:       | [ ]  Other – Describe:       |

1. **Indicate whether any Drainage District may be affected by the project (**<https://datcp.wi.gov/Pages/Programs_Services/DrainageDistricts.aspx>**).**

 [ ]  No, none identified

 [ ]  Yes, has initial coordination with a drainage board been completed?

 [ ]  No, explain why:

 [ ]  Yes, discuss results:

1. **Indicate whether the project is within a WDNR Municipal Separate Storm Sewer System (MS4) permitted stormwater management area or a WDNR TS4 stormwater management area.**

 [ ]  No, the project is outside of a MS4 or TS4 stormwater management area

 [ ]  Yes, the project affects one of the following and is regulated by a WPDES stormwater discharge permit,

 issued by the WDNR:

 [ ]  A WDNR MS4 storm sewer system (connecting highways or local roads)

 [ ]  A WDNR TS4 storm sewer system for WisDOT highways (outside of connecting highway limits)

 Describe coordination and BMPs below and indicate location of evidence of coordination here:

|  |  |  |
| --- | --- | --- |
| TS4: | Coordination:       | BMPs:       |
| MS4: | Coordination:       | BMPs:       |

1. Has the effect on downstream properties been considered?

 [ ]  No, explain:

 [ ]  Yes, coordination has been completed or is in process, describe: