**STORMWATER Factor Sheet**

06-13-2019Wisconsin Department of Transportation

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| --- | --- | --- |
| **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: