# **J:\Stormwater Municipal Permit\Reference Guide\City of Fond du Lac Logo.emfCity of Fond du Lac**

**Engineering Division**

**Infiltration and Groundwater Evaluation Checklist**

Site/Project Name:

Site Address:

Contact Person:       Date Submitted:

**Note:** Evaluation required on all post-construction sites with ≥ 20,000 sq. ft. of impervious surface disturbance or > 1 ac. of land disturbance, all sites with proposed infiltration practices or wet detention ponds and all sites with a depth to bedrock of <5 ft. or depth to carbonate bedrock of <50 ft.

**Source Area Prohibitions**

| No. | Applies | Not Applicable | Item |
| --- | --- | --- | --- |
| 1 |  |  | Storage, loading and parking areas at tier 1 industrial facilities. |
| 2 |  |  | Storage and loading areas at tier 2 industrial facilities. |
| 3 |  |  | Fueling and vehicle maintenance areas. |
| 4 |  |  | Agricultural production areas. |

**Source Area Exemptions**

| No. | Applies | Not Applicable | Item |
| --- | --- | --- | --- |
| 5 |  |  | Parking lots and access roads < 5,000 sq. ft. in commercial development. |
| 6 |  |  | Parking lots and access roads < 5,000 sq. ft. in industrial development. |
| 7 |  |  | Redevelopment sites and routine maintenance areas. |
| 8 |  |  | In-fill development < 5 acres. |
| 9 |  |  | Roads in commercial, industrial, and institutional land uses, and arterial residential roads. |

**Location of Practice Prohibitions**

| No. | Applies | Not Applicable | Item |
| --- | --- | --- | --- |
| 10 |  |  | Areas within 1,000 feet upgradient or within 100 feet downgradient of direct conduits to groundwater. |
| 11 |  |  | Areas within 400 feet of a community well or within the separation distances listed in NR 812.08 for private wells and non-community wells. |
| 12 |  |  | Areas where contaminants of concern are present in the soil. |

**Location of Practice Infiltration Rate Exemptions**

| No. | Applies | Not Applicable | Item |
| --- | --- | --- | --- |
| 13 |  |  | Infiltration rate of the soil at any potential infiltration system is < 0.6 in/hr using a field test method. |
| 14 |  |  | Soils within 5 feet of the infiltration system bottom include one of the following: sandy clay loam, clay loam, silty clay loam, sandy clay, silty clay or clay. |

**Documentation**

| No. | Attached | Not Applicable | Item |
| --- | --- | --- | --- |
| 15 |  |  | Results of the step A initial field screening of the Site Evaluation for Stormwater Infiltration. Provide a narrative and/or maps. |
| 16 |  |  | Provide map showing the locations of all prohibited areas, exempted areas, practice location prohibition areas and practice location exemption areas (include note in the storm water narrative if applicable to entire site). |
| 17 |  |  | Results of the step B field verification of initial screening of the Site Evaluation for Stormwater Infiltration. Step B is required on all sites unless the entire site meets a source area prohibition or exemption or if the entire site is within a location of practice prohibition area. Provide date(s) the data was collected, a site map/plan and soil profile descriptions. |
| 18 |  |  | Provide soil boring logs and test pit results. Soil borings or test pits are also required *at the location* of any proposed wet detention ponds. Soils borings or test pits taken at the location of proposed parking lots, buildings, or other areas of the site are not appropriate. |
| 19 |  |  | Results of step C evaluation of specific infiltration areas of the Site Evaluation for Stormwater Infiltration. Provide site map, analysis of groundwater mounding potential and design infiltration rate. |
| 20 |  |  | Confirm that the site is not part of a wellhead protection area or that the site complies with the wellhead protection plan. |

This checklist is intended as a guidance document for preparing private development plans within the community, and is not intended to be all-inclusive. It is intended to address the routine questions that commonly arise during the preparation of development plans. The applicant should review all applicable stormwater management regulations and codes.

Comments: