**City of Fond du Lac**

**Engineering Division**

**As-Built / Record Drawing Plan Review Checklist**

Date Submitted:

Name/Site Address:       Contact Person:

Parcel:       Firm:

Phone:       Email:

Property Owner:       Applicant:

Address:       Address:

Phone:       Fax:       Phone:       Fax:

| No. | Completed | Identified, but Not Complete | Not Applicable | Item |
| --- | --- | --- | --- | --- |
| 1 | [ ]  | [ ]  | [ ]  | Certification statement and seal of a licensed Wisconsin Engineer on record drawing set indicating, “This record drawing is accurate and complete, the stormwater management facilities are constructed per the applicable technical standards and approved stormwater management plan or subsequent approved revisions, and stormwater management is provided per the approved design computations.” |
| 2 | [ ]  | [ ]  | [ ]  | Certification statement and seal of a qualified licensed professional indicating, “The bioretention or biofiltration devices are constructed in accordance with the approved stormwater management plan or subsequent approved revisions and the installed engineered soil complies with the material specifications.” (Bioretention and biofiltration devices only) |
| 3 | [ ]  | [ ]  | [ ]  | Certification statement and seal of a landscape architect or other qualified licensed professional indicating, “I have inspected the native and wetland plantings described in the approved stormwater management plan or subsequent approved revisions and found that the plantings have a minimum coverage of 70% and match the species descriptions on the plans.” |
| 4 | [ ]  | [ ]  | [ ]  | Certification statement and seal of a qualified licensed professional indicating, “The topsoil installed at the stormwater management facility meets or exceeds the minimum depth required in the approved stormwater management plan or subsequent approved revisions.” |
| 5 | [ ]  | [ ]  | [ ]  | Certification statement and seal of a licensed Wisconsin Engineer indicating, “The tributary drainage basin of the storm water management facility reasonably conforms to the tributary drainage basin used in the approved design calculations.” |
| 6 | [ ]  | [ ]  | [ ]  | Location map |
| 7 | [ ]  | [ ]  | [ ]  | Certifications for materials used in construction of the facility (principal outlet, control structure, PVC pipe, aggregate, wetland plantings, aerators/fountains, etc.) |
| 8 | [ ]  | [ ]  | [ ]  | Benchmark used for the site identified. All elevations on the plans should correspond to NAVD 88 Datum. |
| 9 | [ ]  | [ ]  | [ ]  | Graphic scale, legend, and north arrow. |
| 10 | [ ]  | [ ]  | [ ]  | Profiles and/or cross-sections of the stormwater management facilities with associated details. |
| 11 | [ ]  | [ ]  | [ ]  | As-built topography and/or dimensions of the stormwater management facility including: |
|  |  |  |  | [ ]  | Surface area of treatment facility. |
|  |  |  |  | [ ]  | Embankment/level spreader elevation, width, and side slope. The lowest points must be represented. |
|  |  |  |  | [ ]  | Safety shelf slope and width. (Wet ponds only) |
|  |  |  |  | [ ]  | Average water depth of main pool and forebay. (Wet ponds only) |
|  |  |  |  | [ ]  | Normal water surface elevation. (Wet ponds only) |
|  |  |  |  | [ ]  | Infiltration cell and pretreatment forebay. (Infiltration basin only) |
|  |  |  |  | [ ]  | Pretreatment device. (Bioretention, biofiltration, infiltration swales, infiltration trenches, and permeable pavement only) |
| [ ]  | Storage layer/cell depth, area and medium type. Geotextile fabric type and location. (Bioretention, infiltration trenches, and permeable pavement only) |
|  |  |  |  | [ ]  | Swale geometry and slope. (Infiltration and water quality swales only) |
| [ ]  | Filter strip area and slope. (Filter strips only) |
| 12 | [ ]  | [ ]  | [ ]  | Liner material or native soil meets permeability requirements |
| 13 | [ ]  | [ ]  | [ ]  | The dimensions and type of material for the riser/control structure. |
| 14 | [ ]  | [ ]  | [ ]  | Principal outlet and/or underdrain location, size, length, material, and invert elevations. |
| 15 | [ ]  | [ ]  | [ ]  | Invert elevation, size and dimensions of any orifices or weirs. |
| 16 | [ ]  | [ ]  | [ ]  | Dimensions, elevation and materials of the emergency spillway. |
| 17 | [ ]  | [ ]  | [ ]  | The size, location, and type of trash rack device(s). |
| 18 | [ ]  | [ ]  | [ ]  | The size, location, and type of flap gate(s) and check valves. |
| 19 | [ ]  | [ ]  | [ ]  | The number, size, and location of anti-seep collars. |
| 20 | [ ]  | [ ]  | [ ]  | Location and dimensions of rip-rap or other erosion protection. |
| 21 | [ ]  | [ ]  | [ ]  | Landscape/wetland plantings number and location. |
| 22 | [ ]  | [ ]  | [ ]  | Design and as-built elevations of the 1-, 2-, 5-, 10-, and 100-year storms as appropriate. (Detention ponds only) |
| 23 | [ ]  | [ ]  | [ ]  | Design and as-built elevation-storage-outflow table. (Detention ponds only) |
| 24 | [ ]  | [ ]  | [ ]  | Underground settling/storage device model number; location; surface area/dimensions; sump depth; outlet size, material and invert elevation; maintenance cleanout location; and owner approved shop drawings. (Underground settling/storage devices only) |
| 25 | [ ]  | [ ]  | [ ]  | Draw down device, clean-out port and observation wells location, size, materials and invert elevations. (Infiltration basins, bioretention, biofiltration, infiltration trenches, and permeable pavement only) |
| 26 | [ ]  | [ ]  | [ ]  | Permeable pavement material and aggregate type and depth. (Permeable pavement only) |
| 27 | [ ]  | [ ]  | [ ]  | Catch basin/hydrodynamic device model number; location; surface area/dimensions; sump depth; outlet size, material and invert elevation; and owner approved shop drawings. (Catch basins and hydrodynamic devices only) |
| 28 | [ ]  | [ ]  | [ ]  | Media filter/membrane number and model number. Structure location; dimensions; outlet size, material, and invert elevation; and owner approved shop drawings. (Media filters only) |
| 29 | [ ]  | [ ]  | [ ]  | Fueling and vehicle maintenance canopy, runoff diversion, oil/water separator, absorbent sock or other BMP installation. |
| 30 | [ ]  | [ ]  | [ ]  | Calculations/computer model analysis verifying BMP performance meets applicable site performance standards if the available storage or other factors do not agree with the original design. |

Comments: