Eau Claire County
DEPARTMENT OF PLANNING AND DEVELOPMENT
Land Conservation Division
227 First Street West, Altoona, WI 54720
Phone: (715) 839-6226 ♦ Fax: (715) 839-6277
Website: www.co.eau-claire.wi.us

Housing & Community Development 839-6240
Emergency Services Management 839-4736
County Surveyor 839-4742
Planning & Development 839-4743
Building Inspection 839-2944

Engineering/Construction Verification

DATE: [Date]

TO: Land Conservation Division
Eau Claire County Land Conservation Department

FROM: [Project Engineer's Name/Company]

RE: Engineering/Construction Verification for the following project:

Project Name: _____

Section _____, Town of _____

Storm Water Permit # _____

Storm Water Management Practices: _____

_____

For the above-referenced project and storm water management practices, this correspondence shall serve as verification that: 1) all site inspections outlined in approved inspection plans have been successfully completed; and 2) the storm water management practice design data, and the "as-built" construction documentation comply with all applicable state and local technical standards, in accordance with the Eau Claire County Storm Water Management and Erosion Control Ordinance.

[Must include one of the following two statements:]

1. **Any variations from the originally approved construction plans are noted in a revised site plan at the time of final submittal. These variations are considered to be within the tolerances of standard construction techniques and do not affect the original design as presented and approved by the Eau Claire County Land Conservation Division.**
[Note: The County may request additional documentation to support this statement depending on the extent of deviations from the approved plans.]

Or

2. **Any design or construction changes from the originally approved construction plans are documented and have been approved by Eau Claire County.**

[Note: If warm season and wetland planting verification is required, it may be included in this exhibit.]

(Signed Wisconsin P.E. stamp must be included)

Minimum Requirements for As-Built Documentation for Storm Water Management BMPs

1. **Basin Plan View**: Collect survey data and show the following:
    a. Sufficient spot elevations on the berm to outline the shape of basin (a minimum of one shot per 50 feet). The lowest points of the berm must be represented.
    b. Spot elevations of the top and bottom of each shoulder of the spillway.
    c. A minimum of two survey points documenting the elevation of any berm separating the basin forebay from the main pool.
    d. Outlines of riprap aprons or spillways.
    e. Topographic contours generated from the above data.
    f. Invert elevations of the basin outlet and inlet(s) (culvert inlet, culvert outlet, dewatering holes in risers, in-line weirs, etc.).
    g. The top elevation of any outlet riser.
    h. Measured internal diameters of culverts, risers, orifices, catch basins, and other flow-control devices.
2. **Basin Cross-Sections**: A minimum of two per basin, locations shown on plan, oriented in opposing directions, with the following spot elevations:
    a. The bottom of the berm backslope.
    b. The inside and outside edges of the top of the berm.
    c. The edge of the water.
    d. The inside and outside edges of the safety shelf.
    e. The bottom of the slope into the permanent pool.
    f. The top and sides of any berm dividing the basin.
    g. The same locations as above going out the other side of the basin.
    h. For clay liners, either show bottom elevations before and after liner is installed, or document liner thickness through soil core sampling (resealing sample holes).
    i. Synthetic liner material used, if any, with placement.
    j. Type of engineered fill material used if any, and top and bottom elevations of fill.
    k. Bottom and top elevations of stone trenches, risers, if applicable.
    l. Invert elevations and measured internal diameters of any buried pipes or tile lines.
3. **Conveyance Systems**: Collect survey data and show the following:
    a. One set of cross-sectional survey points per 100 feet of conveyance system (emergency spillways, rock chutes, grass swales, etc.). Includes a minimum of 3-4 survey points per cross-section: the tops of both banks and each side of channel bottom (flat) or center of channel ("v-bottom"), as per design.
    b. The invert elevations and pipe diameter for all road culverts/channel crossings.

The as-built documentation shall be stamped and signed by a registered land surveyor or an engineer licensed in the State of Wisconsin and must contain the following statement: ***"I hereby certify that, to the best of my knowledge and in accordance with applicable standards, the surveying data presented in this document reflects as-built locations and elevations for the storm water management facilities shown."***
Note: The construction verification letter shall reference the information presented in the as-built documentation.

Planting Verification Letter

(Minimum requirements)

DATE:

TO: Land Conservation Division
Eau Claire County Land Conservation Department

FROM: (Landscape Architect or other qualified professional's name and qualification)

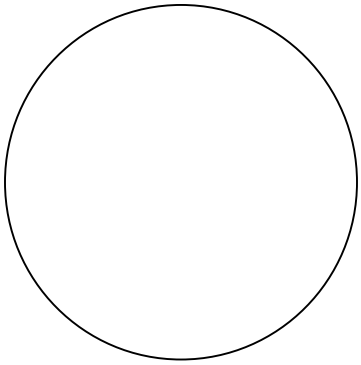
RE: Planting Verification for the following project:

Project Name: _____

Section _____, Town of _____

Permit # _____

This correspondence shall serve as verification that I have performed ___ transect surveys of the designated warm season or wetland planting areas described in the approved plans for the storm water facilities for the above-referenced project and that the plantings have a minimum coverage of 70% and match the species descriptions on the plans. Copies of the transect survey results are attached, along with a location map.



(Signed L.A. stamp must be included, if applicable)