



DEPARTMENT OF PUBLIC WORKS

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ENGINEERING COMMENTS FOR PLAN COMMISSION AGENDA Wednesday October 8, 2014

Time: 6:30 p.m.

Place: Waukesha City Hall, 201 Delafield Street, Council Chambers

- I. Call to Order
- II. Pledge of Allegiance
- II. Roll Call
- IV. Approval of Minutes

ID#14-1208 Minutes for the Meeting of September 24, 2014.

V. Business Items

PC14 -0120 Eugene Court Storage Area - Final Site Plan & Architectural Review

1. The following items should be submitted:
 - a. Permits needed for the project will include:
 - i. Storm Water/Erosion Control permit, if over 3,000 square feet will be disturbed.
 - ii. DNR NOI permit
 - iii. DNR Chapter 30 Permit
 - b. Applicable fees per Chapter 32.07(b). The Engineering Division requires any Bonds or Agreements required by the Plan Commission and Council.
 - c. Property Survey in accordance with Wisconsin Administrative Code A-E 7. The locations of the existing lot lines and any existing easements should be verified.
 - d. Chapter 32.07(b)(2): Once all submittal items are completed, submit all items listed in sub.(b)(1)(A)-(G) in digital form for City filing.

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Site Plan

1. The existing site is being lowered by 1.5 feet in the storage area. Soil borings were taken on site. It should be verified by the Design Engineer that the existing cap on the landfill is not being compromised. If appropriate, cross-sections or similar design information should be added to the Drawings across the site that includes the top of the cap, proposed cross-section and proposed and existing elevations at several locations.
2. This submittal has been changed to not include the previously proposed construction on the adjacent property to the east owned by Main Street Holdings LLC.
3. A note at the monitoring well states to install the cap flush with the asphalt. However, no pavement is proposed at this location. Please update the note.
4. A 30mm liner is shown under the porous pavement areas. The liner should be extended to outside the areas not covered by porous pavement to prevent infiltration and seepage into the other areas of the landfill. Please confirm.
5. The porous pavement mix design should be listed on the Plan.
6. Confirm if any existing easements are on the site.

Storm Water Management Plan

1. A Storm water facility maintenance agreement per Section Chapter 32.12 should be submitted for review and approval for the porous pavement within the development. The design and testing requirements in DNR Technical Standard 1008 should be included.
2. DNR Technical Standard 1008-Permeable Pavement Section III, states that permeable pavement may not be used in industrial storage and loading areas or vehicle fueling and maintenance areas. Please confirm the proposed use of this site.
3. Confirm if there are any existing drains from the site at the Frame Park Creek.
4. The WinSlamm input data should be added to the Plan for the Total Suspended Solids removal calculation of 96%.
5. The existing conditions curve number is 70. Please verify if this number is appropriate.
6. The cross-section of the porous pavement profile is shown as 3 feet. The porous pavement pond model is listed as 3.5 feet. The contour areas also vary from 8,600 square feet to 9,000 square feet. Please verify.
7. The plan shows the porous pavement has 20% voids. The voids for the stone are not listed. The storm water model lists 50% voids. Please review.
8. The inverts should be listed on the Plan to match the Drawings.
9. Technical Standard 1008 states the minimum underdrain diameter should be 4 inches. The plan shows 3 inches.

Erosion Control Plan

1. Chapter 32.09(c)(4): Locations of soil stockpiles should be shown, if applicable. Any soil stockpile that remains on the site for more than 30 days should be stabilized.
2. Chapter 32.09(d)(2)(iv): All woodland areas, those proposed to be lost or transplanted during construction and acres or numbers of each. For woodlands proposed to be lost, show individual trees larger than eight (8) inches in diameter that are located within twenty (20) feet of proposed grading boundaries.
3. Chapter 32.09(d)(2)(xiv): Inspection requirements should be added to verify that critical elements of the plan are successfully accomplished such as inspecting that the liner is installed, and the existing cap is not damaged, etc.
4. Chapter 32.09(d)(2)(xv): Location of soil evaluations with surface elevations and unique references to supplemental soil evaluations report forms in accordance with section 32.11. A soil pit investigations has been shown. The Engineer should provide the accurate depths to the existing cap on the landfill site at an adequate number of locations. Details to convey the information to the Contractor should be shown on the Drawings.

PC14 -0121 928 Hartwell Restaurant - Conditional Use Permit

1. The following items should be submitted:
 - a. Applicable fees per Chapter 32.07(b). The Engineering Division requires any Bonds or Agreements required by the Plan Commission and Council.
 - b. The existing building has a sanitary sewer lateral connecting the City's sewer main. Please provide a sewer lateral video to City for review and approval. Contact the City Engineering Department for the video format. If lateral maintenance is needed, then the lateral improvements may need to be included as part of this project. The lateral pipe and connection to the main may need to be lined or relayed to reduce infiltration into the City's sanitary sewer system or improve the structural integrity.

PC14 -0122 Redefining lot lines between 434 Madison Street and 130 Delafield Street - Certified Survey Map

1. No comments.

PC14 -0123 Subdivision and Platting Ordinance Amendment - Consider amending Section 23.051 of Chapter 23 Subdivision and Platting Ordinance to Increase the number of parcels or outlots that may be divided by certified survey map for properties that are zoned for commercial, industrial or mixed use development.

1. No comments.