

W233 N2080 Ridgeview Parkway • Waukesha, WI 53188-1020 • Tel. (262) 542-5733

MEMO

TO: Jason Heinonen, Endpoint Solutions Corporation

FROM: Theran Stautz, PWS

DATE: August 25, 2020

SUBJECT: 220 S Prairie Avenue, Waukesha, WI – Wetland Screening

Ruekert & Mielke, Inc. (R/M) conducted a wetland screening evaluation to document the presence or absence of wetlands located within a portion of a proposed Project Area where potential hydric soils were found to be mapped. The proposed project would expand the adjacent Sorce Services facility and additional storage would be located in the Project Area.

R/M senior ecologist Theran Stautz, PWS, conducted a desktop screening evaluation and site visit (August 10, 2020) for potential wetlands located within the Project Area where hydric soil indicators are mapped. The wetland screening involved the review of several maps and aerials to identify areas of potential wetland, including topographic relief conditions (depressions, swales, ditches, etc.), potential wetness signatures, standing water, drowned or stressed vegetation, etc. The evaluation included review of Wisconsin Department of Natural Resources (WDNR) Surface Water Data Viewer (SWDV) and Wisconsin Wetland Inventory (WWI) map, Waukesha County GIS, and aerial imagery. Additionally, the WDNR SWDV layer for the Federal Emergency Management Agency (FEMA) floodplain map was reviewed to confirm the flood hazard designation derived from Flood Insurance Rate Map (FIRM) database.

The NRCS soils layer depicts Warsaw silt loam, 0-2% slopes (WhA), comprising about 90% of the mapped soils within the Project Area. About 10% of the soils in the Project Area include Kane silt loam, 1-3% slopes (KeA), a wetland indicator soil. Based on simple soil investigation on-site and aerial photo review, it appears that this area has been significantly impacted in the past and it is unlikely that a hydrologic condition supporting hydric soil is present.

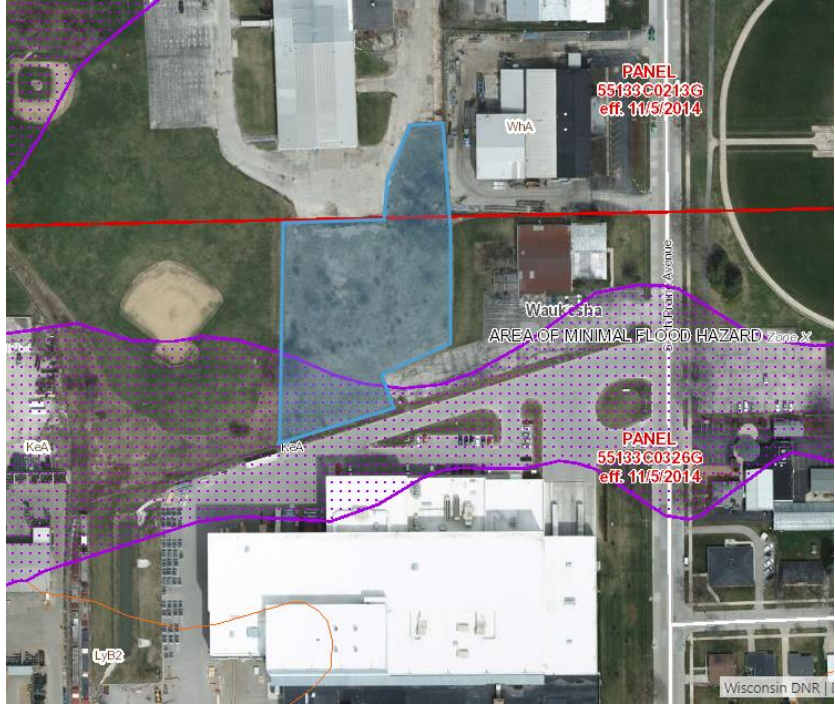
The undeveloped area is situated between a city park, and several commercial/industrial buildings and parking lots west of South Prairie Avenue. Based on aerial photo review, the Project Area was once a developed part of the adjacent park and included a baseball field. The field was abandoned between 1990 and 1995. Remnants of the field, including chain-link fencing, are still present in the vegetation that has overgrown the field. The field is still visible in aerial photos as late as 2010. There is no evidence of wetland signatures in any aerial photo reviewed.

No mapped waterways, wetlands or floodplain were identified within the Project Area. No topographic depressions, swales or ditches are present. The on-site investigation did not result in the observation of any areas that would be considered problematic or in need of further study or delineation. Vegetation is a mix of upland and mesic herbaceous plants, shrubs and trees. Common vegetation included buckthorn, box elder, teasel, Canada goldenrod, Virginia stickseed and quackgrass.

TPS
Enclosures

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WDNR Surface Water Data Viewer



Waukesha County GIS – 1963 Aerial Photo



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Waukesha County GIS – 1980 Aerial Photo



Waukesha County GIS – 2015 Aerial Photo

