



Joe Parisi
Dane County Executive

Dane County Planning & Development

Division of Zoning

September 24, 2019

Shelly Strause
5213 Thorson Rd
Sun Prairie WI 53590

RE: Navigability Determination – 5213 Thorson Rd, Section 25, Town of Burke
Parcel #0810-252-9511-3

The Dane County Zoning Division has processed your request for a navigability determination for an intermittent stream that is located parallel and crossing Thorson Rd and continuing northwest crossing Burke Rd.

Before conducting the site inspection, the County G.I.S., aerial photography, and the Wisconsin Surface Water Data Viewer were used to determine the categorization of this waterway. The maps show that there is an intermittent stream. For portions of this stream an apparent meander is present in the aerial photos. An intermittent stream is one that has a periodic or recurrent flow.

A site inspection was conducted on September 24, 2019. The weather was clear at the time of the visit. Weather over the previous weekend included rain between 1 and 2 inches in the area. The inspection began downstream of the Burke Road culvert. In this reach flowing water was observed with a depth of approximately 1 foot. There was a defined bed and bank, a clear separation of vegetation and minnows present in various pools within the channel. Upstream of the Burke Rd culvert water was flowing through a wetland area. Under a blanket of vegetation a defined watercourse was observed.

The next observation point was at the Thorson Rd culvert. The downstream reach observations were a defined bed and bank, flowing water, and pools with depths from approximately 5 to 16 inches. The great depths were a result of low lying vegetation restricting flow and the shallower portions contained less restrictions. Various wildlife were present including a muskrat. Upstream from the Thorson Rd culvert the waterway is restricted to a typical road ditch. There is a shallow scour line running southeast parallel to the roadway, and while there was standing water in some pools the ditch did not contain flowing water. North of the waterway is a wetland complex that appears to drain via a culvert to the intermittent stream. It appeared that a significant portion of the waterways flow is generated in this wetland. The wetland collects water from its surrounding development, but also appeared to be spring-fed.

After further review of the intermittent stream, Dane County Zoning has determined within the defined bed and bank and evident high water mark, the waterway is navigable from a point

immediately downstream of the intersection with Thorson Rd, and non-navigable upstream of said point.

This letter serves as notice that the future development that will occur on the above-described lot, and within 300 feet of the navigable portion of the waterway is within the Shoreland Zoning District as defined under Chapter 11, Dane County Code of Ordinances and subject to shoreland regulations.

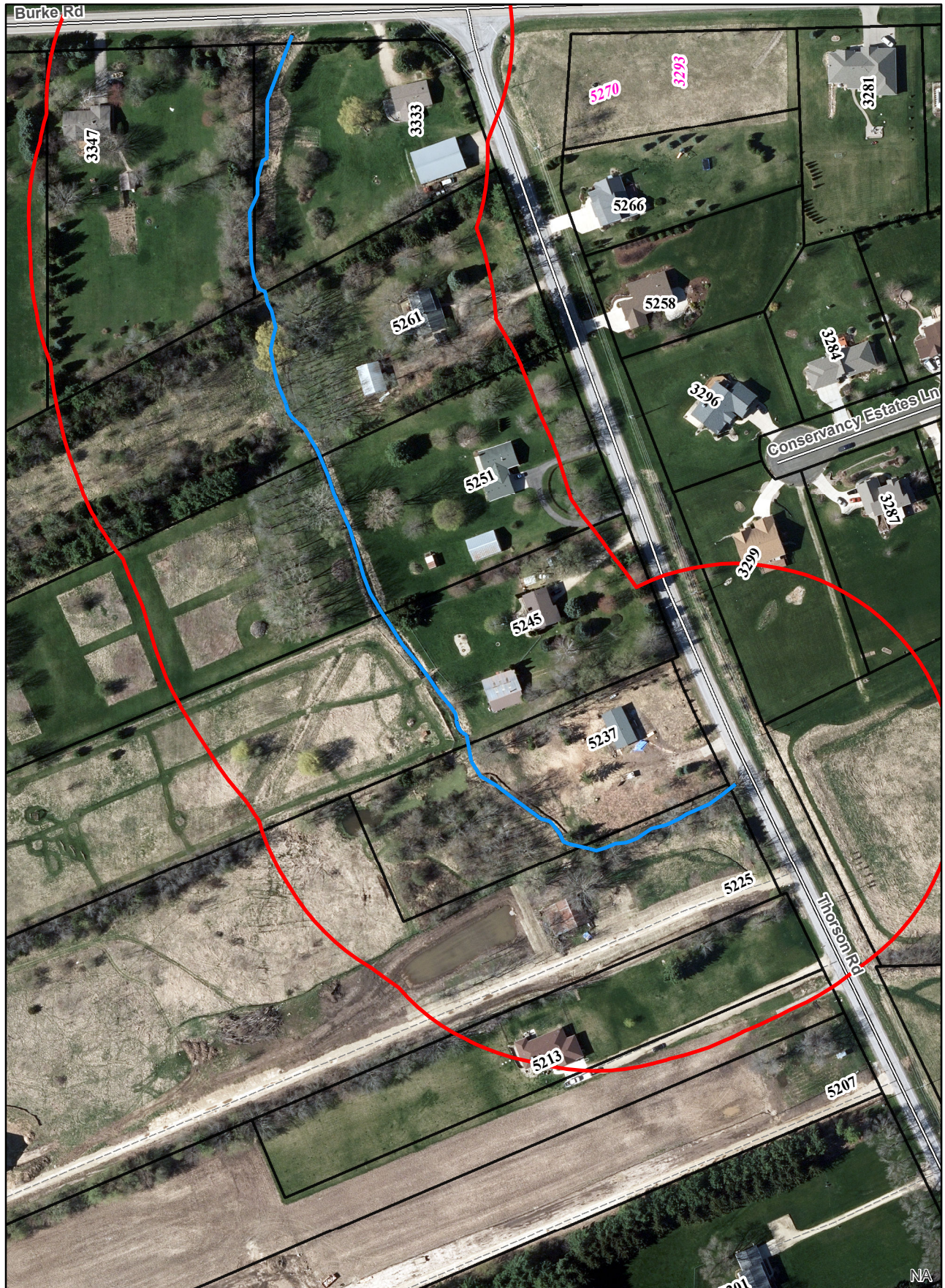
I hope you find this information helpful. If you have any questions regarding this matter, or if I may be of further assistance, please feel free to contact me directly.

Sincerely,

Hans Hilbert
Assistant Zoning Administrator

Attachment(s): Study area map. Navigable portion of waterway as blue line. Shoreland zoning boundary as red line.

Cc:
Land & Water Resources





June 26, 2020

Shelly Strause
5213 Thorson Rd,
Sun Prairie WI 53086

Subject: Amended Navigability Determinations on your property in the Town of Burke

Dear Ms. Strause:

On March 16th, 2020 I met Hans Hilbert from Dane county zoning at the site to review a dispute between our navigability determinations of the unnamed waterbody located on your property in the Town of Burke. The waterbody is in Section 25, Township 8 North, Range 10 East, Dane County.

Our site visit consisted of walking the waterway headed West. Approximately 100 ft West of Thorson rd the stream gained the width, depth and had defined bed and banks that meet the states definition of a navigable waterway. Also, during our site visit it was apparent that someone had dredged the waterway out. The waterway was reviewed and determined navigable to the pond that it discharges into. The stream down stream of the pond was not reviewed. I have attached a map that shows the section of stream determined navigable.

If you have any questions in the future, please call me at 608-438-9017.

Sincerely,

Travis Schroeder
Water Management Specialist
cc:
Hans Hilbert Dane County zoning



Surface Water Data Viewer Map



Legend



0.0 0 0.02 0.0 Miles

NAD_1983_HARN_Wisconsin_TM

1: 990

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