

# EXAMPLE OF LETTER OF DETERMINATION

May 19, 2020

**Name**

**Address**

**City, State, Zip**

RE: Wetland Review

**Address**

**City, State, Zip**

Dear **Name**:

The property with the following ID's and shown on attached maps was reviewed for wetlands following the county mandated manuals and no wetlands are on the site or near enough to encumber the house site with a buffer.

**Property ID:**

**Geographic:**

The County Critical Areas map shows a wetland north of the site. The County map relies on the NWI Map for this information. The Soil Survey Map also shows an area of hydric soils in this area. These maps are taken from air photos, except the soil map, and none are accurate for site specific use.

The site has altered hydrology. The whole area is a depression where the wetland is depicted. The area slopes north into the depression and ditches carry road runoff to the road ditch north of the site. The previous owner installed a sub-surface drain line many years ago that takes that water west into the open ditch. This has drained the area and keeps wetlands from forming. Several ditches can be seen on the Lidar map to the south and across the area.

Soils of the area are not hydric. They are a complicated soil formed in a combination of marine and glaciofluvial deposits. The soil colors are lithochromic, which means they were that color when materials were washed in. A sandy and sand layer is present below the topsoil, which gives the area subsurface drainage. A test hole was dug off site to the north in a low spot and soils did not show hydric characteristics. Several holes were dug and soils are consistent across the area.

Vegetation is altered as the site has been in historic hayfield. The field is in good condition with a stand of fescue and orchard grass. Absent is buttercup (one was seen), soft rush, water foxtail and other wetland plants typically found in a wet hay field. The lack of wetland plants is a good indicator of no wetland present. The site to the south has fir trees, which is an indicator no wetlands are present.

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There is no vegetational color change in the field or air photos to suggest a wetland is present. This is true on the lot to the north at the lowest point in the field.

Several figures are attached supporting the conclusions as well as two data sheets. If additional information is needed, please contact me.

Regards,

**(Electronic signature)**

Attachment