

December 5, 2023

John Goetz
Mid Hudson Development Corp.
PO Box 636
Fishkill, NY 12524

*Re: Wetland Delineation
Joey Estates Site (Cedar Hill Road)
Town of Wappinger, Dutchess County, NY*

Dear John:

Ecological Solutions, LLC completed a wetland delineation on the referenced site located on Cedar Hill Road in the Town of Wappinger on August 10, 2003 (*Figure 1*).

Federal wetlands or waters of the US are based upon the identification of the three mandatory criteria for wetland determination as outlined in the 1987 Federal Manual and supplement: dominant hydrophytic vegetation, hydric soils, and evidence of wetland hydrology. The Routine Methodology procedure for wetland determination was utilized. The Town of Wappinger wetland code is similar although either wetland vegetation or hydric soils are required to be wetland and not all three parameters.

The detailed field investigation included:

1. Identification of vegetation species to determine whether there was a dominance of hydrophytic plants and areas containing transitional but primarily wetland-oriented species.
2. Determination of soil features for hydric (poorly and very poorly drained) natural soils.
3. Observation of site features displaying evidence of wetland hydrology based on the presence of inundated areas, apparent high seasonal water tables, and evidence of saturation within 12 inches of the surface (considered the root zone) during sufficient periods during the growing season to provide for anaerobic/hydric soil conditions during soil sampling.


The delineation was completed in accordance with the Army Corps of Engineers (USACE) Wetlands Delineation Manual (January 1987), Routine Determination Method and Northcentral/Northeast supplement. One wetland was delineated along the south central part of the site with a watercourse flowing through from east to west. No other wetlands or watercourses were identified on the site even though some potential wetland areas noted from mapping suggests

that there are other resources on the site. These areas were reviewed in detail to determine if wetlands or watercourses were located in these areas but none were observed.

There appear to be no New York State Department of Environmental Conservation (NYSDEC) Article 24 wetlands or Article 15 regulated watercourses on the site with the closest NYSDEC wetland located west of Smithtown Road (*Figure 2*).

If you need any additional information, please contact me.

Sincerely,
ECOLOGICAL SOLUTIONS, LLC

A handwritten signature in dark ink, appearing to read "Michael Nowicki".

Michael Nowicki
Biologist

Figure 1 Location Map



Figure 2 NYSDEC Map

