

DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM¹
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): June 15, 2020

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: CENAP-OP-R-2020-0399-24 Vinod Dudhat 117 Ridgeview Road

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

The 0.33-acre property (14,444 square feet) is identified as Tax Parcel 46-00-03232-44-8. It is located at 117 Ridgeview Road, on the northeast side of Ridgeview Road, approximately 100 feet northwest of its intersection with Sunrise Drive, in Montgomery Township, Montgomery County, Pennsylvania. The lot was graded and built on as part of a residential subdivision originally constructed in the late 1980s or early 1990s. The entire lot is uplands. See additional comments in Part III-B below.

State: Pennsylvania County: Montgomery Municipality: Montgomery Township
Center coordinates of site (lat/long in degree decimal format): Lat. 40.242849 °, Long. -75.225892 °
Name of nearest waterbody: Little Neshaminy Creek
Name of watershed or Hydrologic Unit Code (HUC): 02040201

- Check if map/diagram of review area is available upon request.
 Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

- Office (Desk) Determination. Date:
 Field Determination. Date(s): June 12, 2020

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There **are no** "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There **are no** "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

SECTION III: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: The applicant provided a site plan of his lot, showing the proposed new patio, along with a scanned copy of a portion of an as-built survey from the original home construction.
 Data sheets prepared/submitted by or on behalf of the applicant/consultant.
 Office concurs with data sheets/delineation report.
 Office does not concur with data sheets/delineation report.
 Data sheets prepared by the Corps:
 U.S. Geological Survey Hydrologic Atlas:
 USGS NHD data.
 USGS 8 and 12 digit HUC maps.
 U.S. Geological Survey map(s). Cite scale & quad name: Ambler, PA (1:24000)
 USDA Natural Resources Conservation Service Soil Survey. Citation: Montgomery County, PA (from NRCS web site)
 National wetlands inventory map(s). Cite name: Ambler, PA (from U.S. FWS web site)
 State/Local wetland inventory map(s):
 FEMA/FIRM maps:
 100-year Floodplain Elevation is: N/A (National Geodetic Vertical Datum of 1929)
 Photographs: Aerial (Name & Date): Google Earth (1992, 2010); NETR (1992).
 or Other (Name & Date): Ground photos by this office June 12, 2020.
 Previous determination(s). File no. and date of response letter:
 Applicable/supporting case law:
 Applicable/supporting scientific literature:
 Other information (please specify):

¹ This form is for use only in recording approved JDs involving dry land. It extracts the relevant elements of the longer approved JD form in use since 2007 for aquatic areas and adds no new fields.

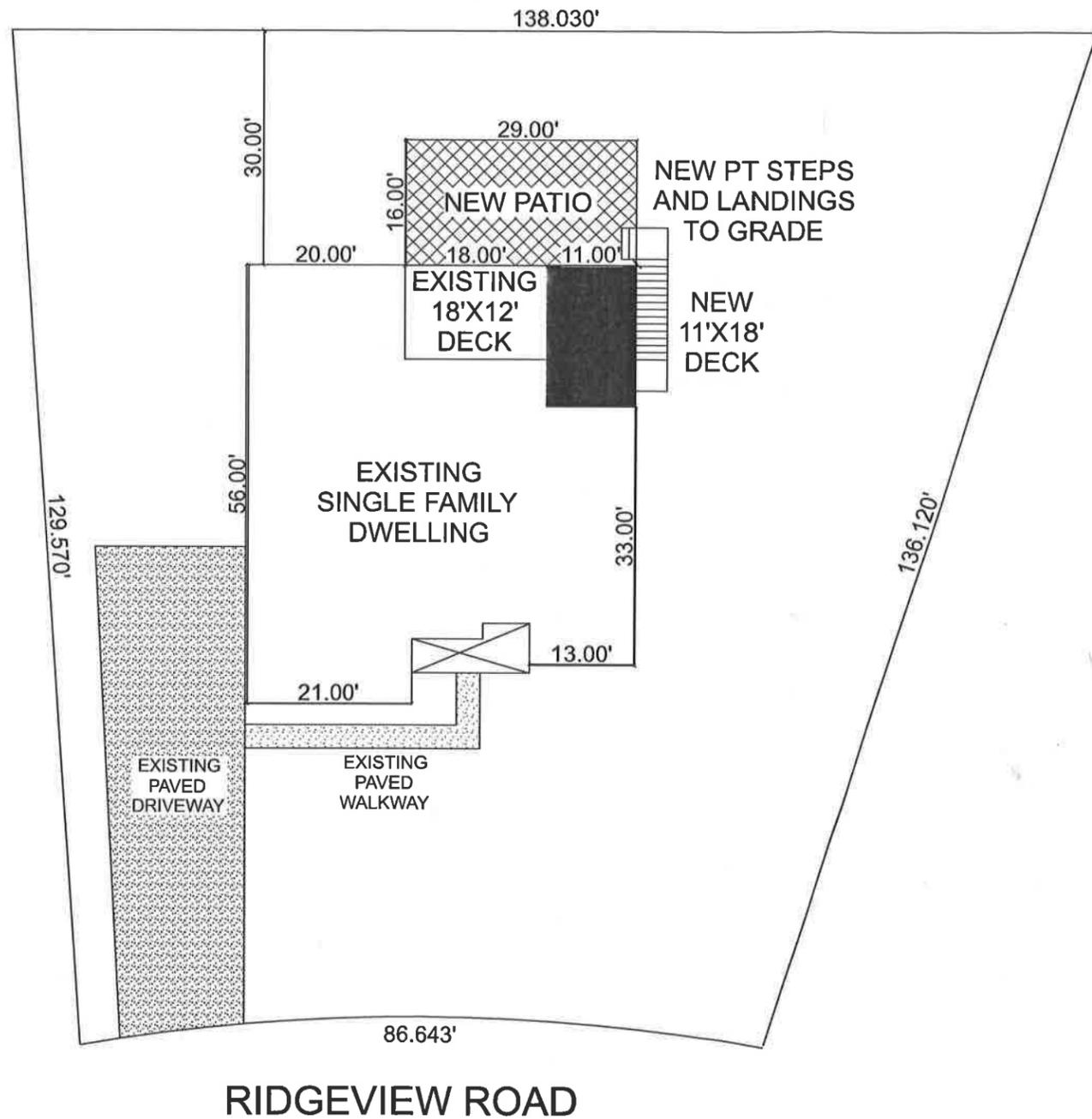
B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND:

The applicant submitted a scanned copy of an original as-built survey by Cutler Group for this lot, which indicates "Montgomery Ridge" as the name of the development. The survey shows the rear and side yards graded at that time, nearly to the rear property line. Review of aerial photography indicates that this residential subdivision was constructed in the late 1980s or early 1990s. An aerial photo from 1992 shows this particular house apparently under construction; one of the last houses built in the subdivision. No records could be found in ORM for Montgomery Ridge.

Review of the Montgomery County on-line soil survey (NRCS web site) indicates Croton (hydric) soil mapped to the rear (northeast) of this lot. The NWI also indicates PFO wetlands within this area, which is Township-owned open space. The U.S.G.S. Ambler quadrangle shows an unnamed tributary to Little Neshaminy Creek in this area, flowing to the southeast from an upstream pond. On aerial photos, the stream channel appears to be over 200 feet to the rear (northeast) of the subject rear property line.

At the time of the inspection, the entire property was developed, consisting of the house (with decking), sidewalks, a driveway, a storage shed, and maintained turf (lawn). The distance from the rear of the house to the rear property line is only 30 feet. There was no evidence of wetlands within that area. The owner had extended the lawn approximately 100 feet farther to the northeast into Township property. The soil was examined near the northeast end of this lawn area (near the undisturbed woodlands, approximately 100 feet to the rear of the property line) as well as approximately 30 feet into the woodland. In the lawn area near the woods edge, the upper 12 inches was 10 YR 4/4 (no redoximorphic features), underlain by 10 YR 5/2, with very little (less than 1%) high chroma redoximorphic features. Approximately 30 feet into the woods, the soil was very similar, with the same colors, only the uppermost layer was more like 10 inches thick. In both locations, there was no evidence of saturated soil within 15 inches. Just inside the woods, there were three large tulip poplar trees (FACU), and Virginia creeper (FACU) was prevalent on the ground, along with a mix of facultative species like spice bush and red maple. There were a couple very limited low spots where sensitive fern and sedges were evident right at the edge of the lawn. These areas seemed somewhat disturbed. The location of the stream channel to the northeast and any adjacent wetlands was not determined.

As a result of the observations made during the inspection on 12-JUN-2020, as well as review of historical aerial photos, NWI and soil survey, it was determined that no waters or wetlands exist on the subject property. As such, there are no areas subject to Corps of Engineers jurisdiction on the property.



**117 RIDGEVIEW ROAD
NORTH WALES, PA
MONTGOMERY COUNTY**

LOT SIZE	14,444SF
EXISTING BLDG	2,344SF
NEW FIBERGLASS DECK	198SF
TOTAL BLDG COVERAGE	2,542SF 17.6%
EXISTING PAVED DRIVE	1,300SF
EXISTING FRONT WALK	150SF
NEW PAVER PATIO	464SF
TOTAL IMPERVIOUS	4,456SF 30.8%

ZONE	R2-CLUSTER
FRONT YARD	40'
REAR YARD	15'
SIDE YARDS	10'
BUILDING COVERAGE	NA
MAX. IMPERVIOUS	40%

SITE PLAN
1" = 20'

RECEIVED
MAR 05 2020
MONTGOMERY TOWNSHIP