

Wetland data sheet

File No. 1805-20-0006.1

Applicant: Transcontinental Gas Pipe Line

Site: Branchburg; Somerset County

Date: December 11, 2020

Staff: Christopher Jones

Location: Sheet 003 of 0006

Observation made along wetland line shown on sheet 0003. The topography is very sharp and the wetlands were defined by ponding water and saturated soils with Reed Canary Grass dominant. The upland side slopes up sharply and distinctly and is characterized by maintained pasture grass. The delineated wetlands continued offsite to the west. Sheet 003 it does not clearly show that these wetlands extend offsite to the west. Therefore, requested a revision to the plan to eliminate any offsite boundary lines.

Location - Sheet 004 of 006

The eastern half of the sheet depicts part of the existing compressor station facility. A gravel lot is immediately to the east of the delineated wetland that begins at W1-034 to W1-035. Starting at W1-034/W1-035 to W1-038, the delineated wetland is characterized by mud and grass with observable water flowing through it. The water is originating from a seepage under the existing gravel lot. There is also a discharge culvert in the gravel lot. At W1-038 westward, the wetland is a forested band with a state open water flowing through it. The wetland does not exhibit a concave appearance. On both sides of the wetland, the land slopes up sharply and distinctly and is characterized by maintained pasture grass.

Field point – Upland side of W1-040

Soil – 5YR 3/4

Vegetation: Maintained pasture grass

Hydrology: None

Location – Sheet 005 of 006

This portion of the property is also defined by sloping topography. The wetlands are defined by the steep topography and are at the lower end of steep slopes and are characterized by Reed Canary Grass, saturated soils, flowing water in some cases, and Red Parent Material soils.

- Upland side of W3-34 – mugwort or ragweed on upland side. Wetland side is in deep gully dominated by Reed Canary Grass and saturated soils.
- Field point W4-12. Upland side is a berm which impounds a lake. The wetland is dominated by Phragmites.

Center of sheet 005 delineates a lake. A pipe was located between the wetland to the northwest at field point W3-L17 connecting to field point S1-10 at lake. Topography north of portion of lake delineated by field points S1-11 to S1-L17 is very steep and slopes up from the lake. Therefore, this wetland is hydrologically connected to the lake. This portion of the lake is classified as a State open water.

Field point W3-21 – Wetland is in well defined gully with steep slopes. Water flowing with concentrated flow path to lake. Dominated by Reed Canary Grass.

Location - Sheet 006 of 006

Location: W6-13. Wetland side

Soils 5YR 3/3

Vegetation: Reed Canary Grass.

Hydrology: soils moist but not saturated

Upland side W6-13

Soils: 5YR 4/4, No redox features, no oxidized root channels

Vegetation: Reed Canary Grass

Hydrology: None

Upland of W6-18

Soils: 5YR 4/4,

Vegetation: scattered Black Cherry, Red Cedar, microstegium

Hydrology: soil dry, and no water encountered

Interior of wetland between W6-08 to W6-20

Soils: 5YR 3/3 with oxidized root channels

Vegetation: Reed Canary Grass

Hydrology: Oxidized root channels, saturated soils, standing water