

Supplemental Map Information (User Report)
Outline

Project ID: Bluefield, R05Y07P03

Project Title or Area: Radford Army Ammunition Plant

PHOTOINTERPRETATION – USFWS

Map Name (1:100K): Bluefield SE

Personnel: John Swords

Date Started: 11/2000

Date Completed: 12/2001

Number of Quads: 5 (Radford North and Dublin)

Source Imagery (type, scale and date): 1994 1:40K CIR for enhancement of missing wetlands.

Collateral Data (include any digital data used as collateral):

Data Sets

1:24K USGS DLG

1:24K USGS DRG

1:24K “Old” NWI

Digital SSURGO Soil Data

Inventory Method (original mapping, map update, techniques used):

The older NWI digital data was enhanced by incorporating the newer 1:40k CIR using the DTS (Digital Transfer Scope) to complete this process. To help in the enhancement digital soils, dlgs and other collateral data was utilized.

Classification : Cowardin (1979) system for wetlands

General description of the Project Area:

The subject report presents the findings of the wetlands inventory for the Radford Army Ammunition Plant. The Radford AAP includes two separate units, the New River Unit (2,840 acres) and the Radford Unit (6,901 acres). The Radford facilities are located in the heart of Southwest Virginia's New River Valley, in the Blue Ridge Mountain foothills. The New River drainage is a gently rolling land dissected by relatively shallow to moderate drainage ways.

Regional specialized conventions:

Standard Region 5 NWI conventions that include the "E" water regime (seasonally-flooded/saturated) and "EM5" (used to identify Phragmites).

Other discussion of mapping issues (image quality, water conditions, etc.): N/A

References:

Cowardin, L.M., V. Carter, F.C. Goulet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. FWS/OBS-79/31. Office of Biological Services, Fish and Wildlife Service, US Department of the Interior, Washington D.C.

US Forest Service Website, Ecosystem Provinces - http://www.fs.fed.us/colorimagemap/ecoreg1_provinces.html (viewed 1/4/2005)