

Indian Lake Borough Waterworks

PWSID # 4560025

Somerset County, PA

Source Water Protection Plan

Delineation of Source Water Protection Areas

Delineation of Groundwater Protection Areas

A significant purpose of the source water protection program is to delineate protection zones around each water source. For wells, these protection zones are also known as wellhead protection areas. The protection areas for the groundwater sources were determined using a steady-state hydrogeologic flow model consistent with DEP guidance. The summary of the approach and resulting protection areas are described below.

1.0 Description of Water Sources

The Indian Lake Borough Waterworks obtains its water supply from three wells (**Figure 1**). Well 18B, located along Cherokee Lane, is 153 feet deep with 70 feet of 6-inch diameter PVC casing. Well #2, located along West Shore Trail, is 185 feet deep with 80 feet of 4-inch diameter PVC casing. Well 99, located at the base of the Indian Lake dam on the downstream side, is 337 feet deep with 102 feet of 8-inch diameter steel casing. Well 18A, located adjacent to Well 18B, is no longer in service. Well information is provided in **Table 1**.