Island Ditch

The location of the majority of the water well records used to make the PSM were field verified, obtained in the field, determined through address geocoding, or reported on water well records. Static water-level measurements in individual wells used to construct county PSMs are

Water in an unconfined aquifer is at atmospheric pressure and will not rise in a well above the potentiometric surface. The potentiometric surface is a measure of the pressure on water in a water bearing formation. If the shallow data was sparse or unavailable in an area, deeper wells were used to complement the west, and is bounded by the counties of Lake, Jasper, and Benton. The entire county lies within the Kankakee River Basin.

This map is created from several existing shapefiles. Township and Range Lines of Indiana (line shapefile, 20020621), Land Survey Graphics and Engineering Section, Indiana Department of Transportation. Hydrography, Streams (NHD) (line shapefile, 20081218), Transportation and based on a 1:24,000 scale. Incorporated Boundaries in Indiana (polygon shapefile, 20060501) is from the Indiana Geological Survey and based on a 1:24,000 scale. Roads (TIGER and INDOT) (line shapefile, 2005) is from the Indiana Department of Transportation, Division of State Highways.

Managed Lands IDNR IN (polygon shapefile, 20100920) is from the Indiana Department of Natural Resources, Division of Water.

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