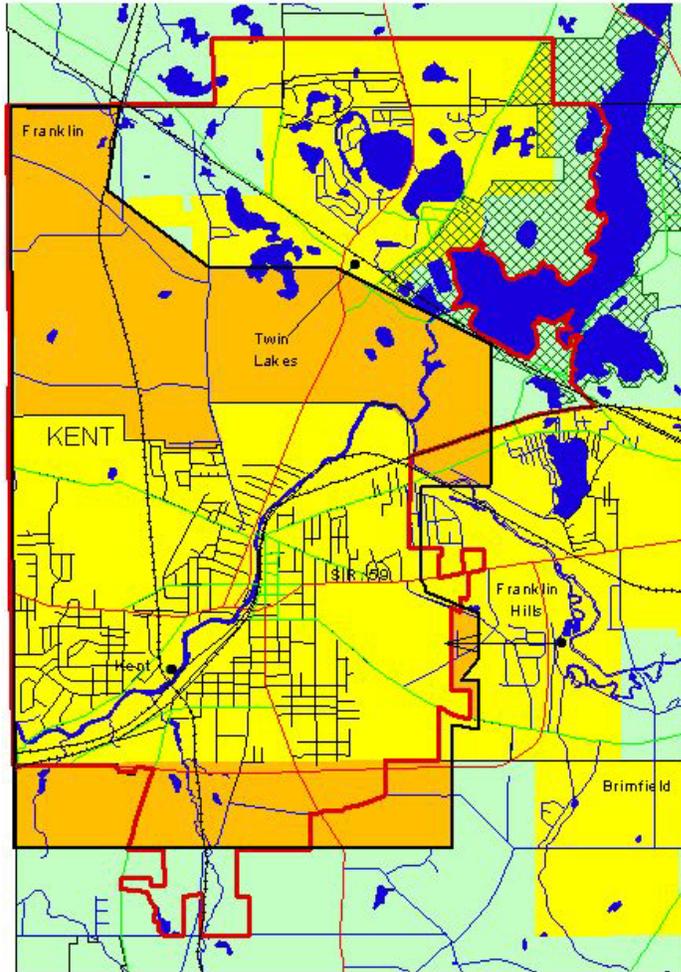


## **Appendix 3-9**

### **Kent Facilities Planning Area**

**Figure 3-9**  
**City of Kent Facilities Planning Area**  
 Clean Water Plan Update for the Lake Erie Basin



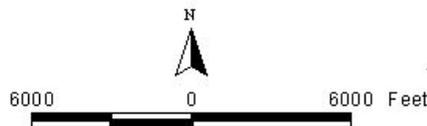
**Kent Facilities Planning Area**

- Areas Currently Sewered
- Areas Programmed for Sewers Within the Next 20 Years
- Areas That Will be Served by a POTW or by On-Site Nondischarging Systems
- Lakes and Ponds
- Parks

\* Please see text for a complete explanation of the mapping categories.

\* Please see the FPA Reference Map (Figure 3-1a) for names of adjacent FPAs.

- City of Kent FPA Boundary
- Political Boundary
- State Routes and Interstate Hwys
- County Roads
- Railroads
- Rivers and Streams
- Publicly-Owned Wastewater Treatment Plant
- Excess Flow to Fish Creek



Northeast Ohio Four County Regional Planning and Development Organization, April 9, 2003.

Source: Materials: Ohio Department of Natural Resources; Division of Real Estate and Land Management; Portage County Regional Planning Commission; City of Kent

## **Kent Facilities Planning Area**

### **I. Existing Situation**

#### **A. County/Basin:**

Portage/Lake Erie

#### **B. Facilities Planning Area:**

Kent

#### **C. Designated Management Agency:**

a) City of Kent "Lead DMA"

b) Portage County Water Resources Department

#### **D. Publicly-Owned Treatment Works:**

a) Kent WWTP, 5.0 MGD

b) Twin Lakes WWTP, 0.456 MGD

#### **E. Facilities Plan:**

a) Havens and Emerson, Ltd., City of Kent, Ohio, Facilities Plan for Wastewater Treatment Works, 1977.

b) Unknown.

#### **F. Area Served:**

a) City of Kent (part), City of Stow (part), Brimfield Township (part), Franklin Township (part)

b) City of Streetsboro (part) Village of Sugar Bush Knolls, Franklin Township (part)

#### **G. Receiving Stream:**

a) Cuyahoga River

b) Cuyahoga River Tributary

#### **H. Contact Person/Address/Phone/Fax:**

a) Mr. Gregory Bachman, City Engineer  
Division of Engineering  
930 Overholt Road  
Kent, Ohio 44240-7551  
Phone: (330) 678-8106  
Fax: (330) 678-8030

b) Mr. Harold Huff, Director/Sanitary Engineer  
Portage County Water Resources Department  
Portage County Administration Building  
449 South Meridian Street  
P.O. Box 1217  
Ravenna, Ohio 44266-1217  
Phone: (330) 297-3670  
Fax: (330) 297-3680

**I. Population Served:**

The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
a) Kent								
201	43,400	----	51,800	----	----	----	----	----
Approved 208	28,789	29,261	29,530	30,052	----	----	----	----
b) Twin Lakes								
201	----	----	-----	----	----	----	----	----
Approved 208	----	----	-----	----	----	----	----	----

The above population projections (Approved 208) were prepared in 1990. Updated projections are scheduled to be prepared after county population projections are produced by the Ohio Department of Development Office of Strategic Research.

**II. Wastewater Treatment Planning Prescriptions and Wastewater Planning Options**

Source information provided by the City of Kent’s Public Service Director, April, 2003 and the Portage County Water Resources Department, June 30, 2000.

The City of Kent proposes to establish the following requirements to implement the goals of the Clean Water Act as follows:

**Kent Jurisdictions**

All areas within the City of Kent Sewer Service Area, and are to be served by the City of Kent POTW. Currently, the City of Kent, and Portage County have sufficient capacity, and/or have secured sufficient capacity to provide sewer service within their respective service areas. By mutual agreement, Portage County may provide sewer service within the City of Kent Service Area, and the City of Kent may provide sewer service within the Portage County Service Area if either entity can make a public sewer readily available. However, these businesses and/or residents served will be deemed to be the customer of the entity whose service area within which they are located. This provision is provided to insure that sewer service will not be denied when it may be reasonably, readily and efficiently provided by either entity.

**Areas Currently Sewered (yellow):**

*City of Kent (part)* - For the area **currently sewered inside the City of Kent Service Area Limits**, no new development or expansion of existing development will be permitted without a proper connection to the public sewer system. Any existing occupied structure found to be within 200 feet of an existing sanitary sewer will be ordered to connect to the City of Kent's existing Publicly-Owned Treatment Works (POTW). All new or expanded development proposed where sewers are not available will be required

to provide public sewers in accordance with the policies, standards and specifications of the City before the new development or expansion will be permitted to occur. City of Kent public water must be available for new or expanded development.

**For sewer service currently provided by Portage County within the City of Kent Service Area**, existing occupied structures will continue to be served by the County system. Should the City desire to acquire any County sewer lines and the County agrees to the acquisition, the City shall reimburse the County for said sewer lines pursuant to the Ohio Revised Code.

**Areas programmed for sewers within the next 20 years (orange):**

*City of Kent (part), Brimfield Township (part), and Franklin Township (part)* - For all areas **not currently sewered within the City of Kent Service Area**, all new or expanded development will be required to provide public sewers that are connected to the City of Kent's existing POTW in accordance, with the policies, standards and specifications of the City before the development will be permitted to occur. Public water must be available for new or expanded development. New single family residential subdivisions will be permitted in these areas without connection to the City of Kent's sewer system provided the following conditions are satisfied and guaranteed:

1. The layout of the homesites and the subdivision of the land provides for single family dwelling sites such that the land is efficiently utilized and the planned dwelling sites are not unreasonably large for the future efficient operation and maintenance of a public sanitary sewer collection system.
2. Adjacent land is reserved for non-discharging home sewage treatment system (HSTS) purposes until such time as the development is connected to the City of Kent's POTW.
3. Portage County Health Department approval is obtained for the non-discharging HSTS with enough suitable land area reserved to allow for the complete replacement of the non-discharging HSTS.
4. All new developments will be required to provide plugged public sewers and waterlines along the frontage of all new lots in accordance with the policies, standards and specifications of the City, to be connected to the Kent sewer system at such time as the Kent sewer system is extended.
5. All new lots shall be covered by a binding agreement and funds held in an escrow account to provide for the payment to the City of all connection fees (permits, utilization, water meter, etc.) for all lots within 30 days of the extension of the Kent sewer system to the development.

6. All existing dwellings shall be connected to the City of Kent's existing POTW and the HSTS systems removed by the developer and/or property owners in accordance with the policies, standards and specifications of the City within 90 days of the extension of the Kent sewer system to the development.

**Definitions:** The term **development** as used in this document means the construction, alteration or expansion of any multi-family residential dwelling, commercial or industrial occupied structure or group of structures. Development also means the subdivision of any tract of land into one or more parcels of land such that such subdivision would be classified as a major subdivision by the land subdivision regulations of the governing jurisdiction.

Portage County Water Resources Department Jurisdictions

**Areas Currently Sewered (yellow):**

*Franklin Township, City of Streetsboro, Village of Sugar Bush Knolls, and City of Kent (part)* - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development (including single family residential) and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW). Existing non-residential private treatment systems, which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSTSs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.

**The Area currently served by the Portage County Twin Lakes Wastewater Treatment Facility**, shall not be expanded or the zoning changed to accommodate a use that will discharge more sanitary sewage effluent than currently exists, until such time that Portage County can provide this area with additional capacity for treatment at an existing POTW.

**Areas That Will be Served by a POTW or by Non-discharging HSDS Systems (green):**

*Franklin Township (part) and City of Kent (part)* - Future development will be served by an existing publicly owned treatment works or a non-discharging sewage disposal system. Non-discharging systems including on-site septic systems and systems in which the effluent is applied to the land are locally permitted at this time. New discharging systems are only permitted for repair of existing systems in cases where both central sewer and non-discharging systems are not available.