

TOWN OF KENNETH CITY

DATA AND ANALYSIS DOCUMENT



**Supports the
2008 Comprehensive Plan as adopted on
May 14, 2008**

**Prepared by
The Gail Easley Company
in conjunction with the
Pinellas Planning Council**

**Town of Kenneth City
Data and Analysis**

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Town of Kenneth City

4.0 DATA AND ANALYSIS

4.1 OVERVIEW AND RELATIONSHIP TO EXISTING DATA AND ANALYSIS

The Town of Kenneth City adopted its Comprehensive Plan (Plan) in 1989 in compliance with the 1985 *Growth Management Act*. The Plan was amended on August 11, 1999 based on an Evaluation and Appraisal Report (EAR) prepared in 1998. The most recent Evaluation and Appraisal Report was adopted on November 8, 2006, and found sufficient on January 29, 2007. This document updates the data and analysis of the Plan based upon the recommendations of the EAR. Unless specifically provided and updated herein, the town will rely on the definitions provided in Chapter 9J-5, *Florida Administrative Code*, and the data and analysis from the 1999 Comprehensive Plan.

4.2 FUTURE LAND USE ELEMENT

4.2.1 Introduction

Data and analysis for the Future Land Use Element includes an updated population projection for the new planning timeframes of 2013 and 2025, an existing land use inventory, and a projection of future land use needs to meet the demands of the citizens of Kenneth City during the planning timeframes. Data and analysis regarding hazard mitigation planning is discussed in more detail in the data and analysis of the Conservation Element. Except as otherwise described in the following text, the support documentation from the Plan adopted in August 1999 continues to support the goals, objectives, and policies.

4.2.2 Population

The population projections are updated and located in Table 1. These population projections replace the information in the existing Future Land Use Element (FLUE) data and analysis.

Table 1: Town of Kenneth City Population Projections

2005	2010	2013	2015	2020	2025
4,544 ¹	4,567	4,588	4,588	4,588	4,588

Source: ¹Bureau of Business and Economic Research, April 1, 2005.

The town's population, since incorporation, shows that the population stabilized around 1980 when the majority of lots were developed. The population of Kenneth City in 1990 was 4,462 persons, according to the U.S. Census. The 2000 U.S. Census recorded a total population to 4,400, a reduction of 62 people. For the same time period, the Census data states that there were no new residential units added. Town records, however, show that 74 townhomes were constructed within the Willow Lake multifamily development between 1997 and 2000. By April 1, 2007, the town's population was estimated as 4,567 by the Department of Revenue Sharing.

The population projections in Table 1 are based on the remaining vacant lots within the current town limits and the potential for additional housing units. There is one remaining vacant lot designated as Residential Low on which one single-family unit may be built. The other remaining vacant parcel with potential for residential development is designated as Residential/Office General and is located on the north side of 54th Avenue North. This parcel

contains approximately 1.8 acres of land. Based on the land use category density and intensity standards, this lot has a potential for the development of approximately nine residential units. Therefore, the potential for residential development within the town is an additional 10 dwelling units. Based on an average of 2.14 persons per household, the additional population is expected to increase by 21 persons.¹ This number is added to the 2007 estimated population of 4,567 and it is assumed that this additional population will occur by the end of the first planning period, 2013.

The town is considered built-out with less than one percent vacant land remaining in 2007. Changes in population may be possible if there are changes in the average size of households, an unanticipated increase in residential density during redevelopment, because other land uses are converted to residential uses, or because of annexation of residential land from the unincorporated area. Other than changes in household size, these potential increases in population are not possible without changes to the Future Land Use Map (FLUM) and comprehensive plan.

4.2.3 Existing Land Use

The existing land use in Table 2 is updated based on information from the Pinellas Property Appraiser's Office. The existing land use map was field checked in March 2007 and minor changes were made to correspond with actual uses on the parcels. The land uses from the existing land use map were then summarized into Table 2 below which replaces the information in Table 1, Future Land Use Element data and analysis. The existing land use map is labeled LU-1 and is located at the end of the data and analysis

A. Land Area

The land area of the town was increased by approximately 3.3 acres in 2002 when 17 parcels were voluntarily annexed. These annexations included 16 single-family residential properties and one residential office general lot. No new annexations have occurred since 2002. The 2007 existing land use survey identifies slightly less than two and a half vacant acres, all designated as Residential/Office General land use on the Future Land Use Map (FLUM) except for one vacant single-family lot designated as Residential Low.

Kenneth City has approximately 347 acres of land and 126 acres of submerged lands and rights-of-way for a total of 473.4 acres (See Table 2). The majority of the acreage is single-family residential with all residential uses comprising approximately 77 percent of land use categories. Commercial uses are almost 14 percent while public/semi-public and recreation and open space consume another five percent. The town is built-out and contains less than one percent vacant land.

¹ U.S. Census, 2000.

Table 2: Town of Kenneth City Existing Land Uses, 2007

Land Use Description	Acres	Percent¹
Single-family Residential	220.3	63.4
Duplex/Triplex	0.6	0.2
Multifamily Residential	46.4	13.4
Commercial	47.6	13.7
Industrial	3.0	0.9
Public/Semi-public	16.6	4.8
Agricultural	0.0	0.0
Recreation/Open Space	2.5	0.7
Vacant	2.2	0.6
Miscellaneous	2.1	0.6
Conservation/Preservation	6.0	1.7
Marinas	0.0	0.0
Subtotal	347.3	100.0
Submerged Lands	21.6	N/A
Right-of-Way	104.5	N/A
Total	473.4	

Source: Pinellas Planning Council, 2007.

¹ Percentage of land area excluding interior water and right-of-way.

N/A = Not Applicable

B. Build-out Conditions

There are two future land use categories in Kenneth City that allow only single-family residential type units. These two categories (Residential Low and Residential Urban) account for approximately 220 acres or 63.4 percent of the total land area. The existing platted and built residential density within the Residential Low future land use category exceeds the maximum density of five units per acre. The built density is closer to 5.8 units per acre based on a minimum lot size of 7,500 square feet. This divergence is a result of existing platted lots of record. The Residential Urban future land use category with a maximum density of 7.5 units per acre has a minimum lot size of 6,000 square feet; this category is built to approximately 7.26 units per acre. In both categories, the maximum density has been reached. Likewise, the multifamily developments within the Residential Medium land use category meet or exceed the future land use map capacity with an overall density of 19.7 units per acre (926 units / 47 acres).

There is one remaining vacant lot designated as Residential Low. The other remaining vacant parcel with potential for residential development is designated as Residential/Office General and is located on the north side of 54th Avenue North. This parcel contains approximately 1.8 acres of land. Based on the land use category density and intensity standards, this lot has a potential for the development of approximately nine units. Therefore, the potential for residential development within the town is an additional 10 dwelling units. For planning purposes, it is assumed that these 10 units will be constructed by the end of the first planning period, 2013.

Any amendment to the Future Land Use Map that allows additional residential density, either by a requested map amendment or the annexation of vacant residential lands, will require a re-evaluation of the infrastructure, transportation, recreational facilities, and any capital improvements needed to meet the adopted level-of-service standards.

4.2.4 Coastal High Hazard Area

There are no areas within the Town designated as being in the Coastal High Hazard Area.

4.2.5 Future Land Use

A. Future Land Use Map

The Future Land Use Map is amended to include the parcels of land that were annexed into the Town since the last plan update. The map is labeled *LU-2, Future Land Use and Transportation*, and is located at the end of the data and analysis.

B. Future Land Use Projections

There is a projected population growth of 21 persons for Kenneth City through 2025. This increase is based on the remaining potential for residential development on existing vacant lots. It is anticipated that any other increase in population will be accommodated through the increase in families with children purchasing existing dwelling units previously owned by “empty-nesters” or retired couples with no children at home as only one vacant residential lot remain in the town. While annexation of unincorporated lands may be possible, it is not anticipated.

Due to the built-out character of the community and the limited amount of vacant, undeveloped land that remains, the amount of additional development that will be necessary to support the town’s future population is minimal. Therefore, there is no need for additional future land uses beyond those which have already been identified.

C. Vacant Land Suitability Analysis

All land that is currently vacant or undeveloped was the subject of a suitability analysis when the plan was originally adopted in 1989. Therefore, there is no need to repeat this analysis. Land which was developed at the time of plan adoption and became vacant was already determined suitable in order to accomplish development. Land which was vacant at the time of plan adoption and which remains undeveloped is still subject to the suitability analysis previously conducted.

4.2.6 Electric Distribution Substations

There are no electric substations within the town and the town has no vacant parcels large enough to accommodate one. However, consistent with state law, the town will adopt a policy that ensures that new substations are permissible in all land use categories. State law provides that electric substations may be excluded from preservation, conservation, and historic preservation categories. The town does not have an historic preservation land use category; therefore, new electric substations will be permissible in all future land use categories except for preservation and conservation. A new policy will be proposed to recognize the requirements of state law.

4.2.7 Consistency with PPC Countywide Rules

The Pinellas Planning Council prepared a *Review of Local Government Future Land Use Plans and Land Development Regulations for Consistency with the Countywide Rules*, effective

January 2007. The following changes are made to ensure consistency between the town's Plan and the *Countywide Rules*.

1. The Future Land Use Element, Policy 1.1.4, adopts the maximum permitted floor area ratio as 0.1 for the Preservation land use category, consistent with Countywide Rule 2.3.3.7.1.
2. The Comprehensive Plan Glossary definitions of "density", "floor area ratio", and "impervious surface ratio" are amended to exclude public road rights-of-way and submerged land from each of these calculations.
3. The locational characteristics in the *Countywide Plan Rules* are included by reference in Policy 1.1.5 of the Future Land Use Element.
4. Appendices 7.0, Table 7.1: Future Land Use Categories, formerly Appendix D of the 1999 Comprehensive Plan, is revised to correctly state the maximum floor area ratio for the Preservation/Conservation and Institutional land use categories. Electric substations have been added to the list of permissible uses in the appropriate land use categories, consistent with 4.2.6 above.

4.2.8 Hazard Mitigation and Evacuation Plans

The data and analysis, as well as all objectives and policies pertaining to hazard mitigation and hurricane evacuation are being consolidated into the Conservation Element.

4.3 TRANSPORTATION ELEMENT

4.3.1 Local Street Improvement Program

During the evaluation and appraisal process, the possibility of adding a program for the improvement and maintenance of local streets was identified as an issue. The local streets are narrow and generally serve only those residences. Few streets include sidewalks or have enough right-of-way to allow the addition of sidewalks. After further consideration of this matter, the town has decided not to initiate a maintenance program for local streets. There are no level-of-service problems associated with this issue. Therefore, the town could choose to implement such a program as revenues and needs permit.

4.3.2 Roadway Improvement Plans

Kenneth City is served by five major rights-of-way:

- 66th Street North, from 42nd Avenue N to 48th Avenue N; 6-lane divided minor arterial;
- 58th Street North, from 40th Avenue N to 60th Avenue N; 2-lane undivided collector;
- 54th Avenue North, from 55th Street N to 63rd Street N; 4-lane divided collector;
- 46th Avenue North, from 55th Street N to 66th Street N; 2-lane undivided collector; and
- 62nd Street North, from 54th Avenue N to Joe's Creek; 2-lane divided collector.

This network has essentially remained unchanged since the original adoption of the comprehensive plan. All of the collectors and arterials are owned and maintained by Pinellas County. Kenneth City is not served by the Pinellas Suncoast Transit Authority, but bus service is available just outside of the town limits along 66th Street North, 58th Avenue North, and 49th Street North. According to the most recent Transportation Improvement Plan (TIP) and the Long-Range Transportation Plan, there are no projects that will be completed or initiated within Kenneth City through 2011.² As of 2006, there were no roads within Kenneth City identified as deficient based on the adopted level-of-service standards. The inventory of roadways and level of

² MPO, Transportation Improvement Program

service in Table 1 is replaced by the *2006 LOS Existing Conditions Analysis Report* prepared by Tindale-Oliver and Associates for the Pinellas County Metropolitan Planning Organization. This report can be found on the Pinellas Planning Council webpage under the link to EAR-based Amendments Resource Page (<http://www.pinellasplanningcouncil.org/state/earba.htm>).

4.3.3 Future Transportation Map

The existing and future roadway network are shown on the Future Land Use and Transportation Map, labeled as LU-2 and located at the end of the data and analysis.

4.4 HOUSING ELEMENT

4.4.1 Inventory and Analysis

A. Housing Units by Type

Between 1990 and 2000, the distribution of single-family versus multifamily units did not change to a significant extent; single-family units decreased from 57.8 percent to 57 percent while the multifamily units showed a corresponding increase from 42.2 percent to 44 percent. According to the U.S. Census, there was a loss of 144 housing units between 1990 and 2000.³ There are no town records substantiating the loss of 144 units during that decade. Conversely, town records show that 74 townhomes were constructed in a multifamily development known as Willow Lake between 1997 and 2000; these units were in addition to 60 units already on that site. Although the Census for 2000 includes seven mobile homes units, there are no mobile home units within the town limits.

Table 3: Housing Units by Type, 2000*

Unit Types	Kenneth City		Pinellas County**	
	<i>Number of Units</i>	<i>Percent of Total</i>	<i>Number of Units</i>	<i>Percent of Total</i>
Single-family	1,221	57.0	237,138	50.0
Multifamily	926	44.0	194,171	40.0
Mobile Home	7 ⁴	0.3	50,264	10.0
Total	2,154	100.0	481,573	100.0

Source: U.S. Census Bureau, 2000.

* Total housing units.

** Estimates for housing units by type, tenure, and value are calculated separately, and may not equal estimates for total housing units.

B. Seasonal Housing

The U.S. Census Bureau reported 118 units as seasonal, recreational, or for occasional use, and projections show an increase of an additional eight units by 2025. This is less than a 10 percent increase over the next 18 years. By the census definition, these seasonal units include time-sharing condominiums. These units are included in the census as vacant units and may be single-family or multifamily residences. Seasonal, recreational, or occasional units represent 2.9 percent of the total housing units in the town. This is significantly lower than the countywide percentage

³ U.S. Census.

⁴ Town records show that there are no mobile homes within Kenneth City.

of seasonal, recreational, and tourist units, which is approximately seven percent of all housing units.

Table 4: Seasonal and Tourist Housing Units

Housing Units	Kenneth City		Pinellas County	
	<i>Number of Units</i>	<i>Percent of Total</i>	<i>Number of Units</i>	<i>Percent of Total</i>
Seasonal, Recreational, or Occasional Use ¹	118	100 ²	34,111	7.1 ²
Hotel and Motel Units	0	0	N/A	N/A
Total Seasonal Units	118	100	N/A	N/A

¹ U.S. Bureau of the Census, 2000.

² Percent of total housing units

N/A = not available

C. Housing Units by Year Constructed

The majority of the town's residential units, almost 60 percent, were constructed between 1960 and 1980. As stated earlier, although the 2000 Census shows no new units constructed between 1990 and 2000, an additional 74 townhomes were constructed between 1997 and 2000 in the Willow Lake multifamily complex.

D. Housing Construction Activity

Total housing units were estimated as 2,154 in 2000. Based on the housing permit records, there have been 55 building permits issued between March 31, 2000 and April 1, 2005. The majority of these were single-family units, with only eight attributed to multifamily units. Kenneth City staff report that these permits included remodeling or additions to units on existing built lots. No new units have been added to the town other than the 16 residential units that were annexed in 2002.

Table 5: Total Housing Units by Year Constructed

Year Constructed	Kenneth City		Pinellas County	
	<i>Number of Units</i>	<i>Percent of Total</i>	<i>Number of Units</i>	<i>Percent of Total</i>
1990 to 2000	0	0.0	69,130	13.7
1980 to 1989	80	3.7	102,367	20.3
1960 to 1979	1,263	58.6	217,867	43.2
1940 to 1959	788	36.6	94,867	18.8
1939 or earlier	23	1.1	19,753	3.9
Total Housing Units	2,154	100.0	503,984	100.0

Source: U.S. Census Bureau, 2000; the census count is through March 31, 2000.

E. Housing Conditions

A windshield survey of Kenneth City in April 2007 shows that the housing stock is generally of standard construction and in good repair. This visual survey is supplemented by data from the U.S. Census Bureau.

1. Substandard

Housing units are considered to be substandard if they are overcrowded, do not have heat, or lack complete kitchens or plumbing. In 2000, 53 units had an average of over 1.01 persons per room, and 14 units lacked heat. No units lacked complete plumbing or complete kitchen facilities. While these thresholds represent substandard conditions for a limited number of units, this small percentage of units does not indicate a housing problem in the town.

2. Aesthetics

The maintenance of structurally sound housing as well as aesthetic improvements for housing is provided primarily through private maintenance practices.

F. Households by Tenure

In Kenneth City, the majority of housing is owner-occupied (78 percent) compared to rental occupied units (22 percent) based on total occupied units. Approximately 10 percent of the housing stock is considered vacant.

Table 6: Households by Tenure, 2000*

Tenure	Kenneth City		Pinellas County	
	<i>Number of Units</i>	<i>Percent of Total</i>	<i>Number of Units</i>	<i>Percent of Total</i>
Owner-Occupied	1,526	70.0	293,866	61.0
Renter-Occupied	426	20.0	121,102	25.2
Vacant	223	10.0	66,605	13.8
Total	2,175	100.0	481,573	100.0

Source: U.S. Census Bureau, 2000

* Estimates for housing units by type, tenure, and value are calculated separately, and may not exactly equal estimates for total housing units. However, the estimates are very close: 2,175 compared to 2,154, a difference of only 21 units.

G. Cost and Value of Housing

1. Median Housing Costs

The town’s median gross monthly rent is \$571. This median is about seven percent lower than the median rent countywide. The median value of owner-occupied housing in Kenneth City was \$78,400 in 2000 compared to \$96,500 for Pinellas County. The median value of owner-occupied units within the town is almost 20 percent less than the county median value. The town contains less than one percent of the total housing in Pinellas County.

Table 7: Cost and Value of Housing

Ownership	Kenneth City	Pinellas County
	<i>Year 2000</i>	<i>Year 2000</i>
Median Gross Rent	\$571	\$615
Median Value of Owner-Occupied Units	\$78,400	\$96,500

Source: U.S. Census Bureau, 2000.

2. Housing Cost by Household Income

Table 8 displays the relationship of housing costs for households in Kenneth City compared to housing costs for households countywide. Approximately 27.5 percent of rental households in Kenneth City each paid 30 percent or more of their income for rent. This percentage is much lower the countywide statistic of almost 40 percent. On the other hand, approximately 13 percent of homeowners paid 30 percent or more of their income for their homes while the countywide statistic is approximately 24 percent. Altogether, approximately 16 percent of all households in Kenneth City are cost burdened. Those households paying more than 30 percent of their adjusted gross annual income are considered cost burdened according to the definition in Section 420.004(3), *Florida Statutes*.

Table 8: Households by Housing Costs, 2000*

	Kenneth City		Pinellas County	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
Renter-occupied Units	338	100.0	121,029	100.0
Households paying 30% or more of their income for rent	93	27.5 ¹	48,339	39.9 ¹
Owner-occupied Units	1,037	100.0	207,876	100.0
Number of households with mortgages paying 30% or more of their income for housing costs	132	12.7 ¹	50,169	24.1 ¹
Total Households by Tenure	1,375	16.4²	328,905	29.9²

Source: U.S. Census Bureau, 2000, Table DP4: Profile of Selected Housing Characteristics.

¹ The percentage is based on total rental or total owner households shown in this table.

² This percentage is the percent of all households paying 30 percent or more of their income for either rent or mortgage.

Note: The number of units by tenure includes only occupied units and does not include vacant units in the total. Estimates for households by housing costs are calculated separately, and may not equal estimates for households by tenure.

H. Subsidized Rental Housing Units, 2006

There are no subsidized rental housing units in Kenneth City.⁵

I. Residential Group Homes, 2006

There are no residential group homes reported within the town.⁶

J. Mobile Home Parks, Subdivisions, or Condominiums

Kenneth City has no mobile home parks or mobile home subdivisions.⁷

⁵ Florida Housing Data Clearinghouse. Assisted Housing Inventory

⁶ Florida Department of Children and Family Services, 2006.

⁷ Federation of Manufactured Home Owners of Florida, October 2001

K. Historically Significant Housing, 2006

Kenneth City has no historically significant housing listed in the National Register of Historic Places or the Florida Master Site File, and no local designations

4.4.2 Analysis of Housing Data**A. Projection of Households by Size and Income Range**

Households had an average of 2.14 persons as reported by the 2000 census. No distribution by number of persons per household was available. The median household income in 2000 was \$36,671. After adding the projected increase of 10 residential units by 2013, the number of households is expected to remain constant through the remaining planning period.

Table 9: Estimated and Projected Number of Households by Income Range*

Income Ranges	2005		2013		2025	
	<i>Number of Households</i>	<i>Percent of Total</i>	<i>Number of Households</i>	<i>Percent of Total</i>	<i>Number of Households</i>	<i>Percent of Total</i>
Less than \$24,999	175	8.5	176	8.5	176	8.5
\$25,000 - \$49,999	211	10.3	213	10.3	213	10.3
\$50,000 - \$74,999	378	18.3	378	18.3	378	18.3
\$75,000 & above	1,293	62.9	1,300	62.9	1,300	62.9
Total Households	2,057	100.0	2,067	100.0	2,067	100.0

Source: U.S. Census 2000;

* Calculations are for permanent, non-seasonal households only.

B. Projected Housing Units by Type

The Town of Kenneth City is almost completely built-out. Redevelopment of previously developed land is the focus of the comprehensive plan. The existing ratio of housing unit types is expected to remain virtually the same over the planning period even though nine of the additional projected units are expected to be multifamily. Approximately 57 percent of all housing units are single-family and approximately 43 percent are multifamily.

Table 10: Estimated and Projected Housing Units by Type*

Housing Type	2000 Number of Units	2010 Number of Units	2013 Number of Units	2020 Number of Units	2025 Number of Units
Single-family	1,228	1,228	1,229	1,229	1,229
Multifamily	926	926	935	935	935
Total Units	2,154	2,154	2,164	2,164	2,164

* Calculations are for permanent, non-seasonal households only Town of Kenneth City, 2007.

C. Projected Housing Units by Tenure

The ratio of housing units by tenure is also expected to remain consistent over the planning period. According to the U.S. Census, approximately 78 percent of homes in Kenneth City were owner-occupied while the remaining 22 percent were renter-occupied units.

D. Affordable and Workforce Housing

The town recognizes the importance of providing locations for affordable housing and workforce housing. However, the lack of vacant land within the jurisdiction limits the ability to include more residential units except in the case of redevelopment. The town participates in countywide and regional housing programs, such as the Community Development Block Group, designed to provide funding for affordable housing and workforce housing. The Housing Finance Authority of Pinellas County is a regional agency that helps families and individuals in Pinellas, Pasco, and Polk Counties purchase their first home. The Housing Finance Authority also has a variety of programs to assist public safety workers, teachers, and health care workers with housing down payment and mortgage assistance.

E. Projection of Seasonal Housing

Dwelling units held for seasonal, recreational, or occasional uses are projected to increase in the Town of Kenneth City by eight units between 2005 and 2025.

F. Private Sector Provision of Housing

The analysis of private sector housing provision in the existing data and analysis continues to be applicable to the housing delivery system in Kenneth City. Remodeling and additions are the primary focus of housing permit activity.

4.5 INFRASTRUCTURE ELEMENT**4.5.1 Stormwater Drainage**

Kenneth City adopted a master drainage plan in 1998. Phase I of the master drainage plan is underway to repair and replace existing storm drainage facilities. The master drainage plan addresses solutions needed to relieve existing drainage problems and failing infrastructure. Phases II and III will be completed through Fiscal Year 2009/2010. The projects, costs, and projected revenues are included in the Capital Improvements Element.

4.5.2 Water Supply Facilities Work Plan**A. Introduction**

The residents in the Town of Kenneth City receive all water supplies, treatment, and distribution from the Pinellas County Utilities. Through an interlocal agreement and master water supply contract, Tampa Bay Water, the regional water supply authority, provides all the potable water needed by its six member governments, including Pinellas County Utilities as an operational entity within Pinellas County. Through the agreement and contract, “Tampa Bay Water is obligated to meet the current and future water needs of its member governments. In order to meet these needs, Tampa Bay Water owns and operates water supply facilities including wellfields, surface water withdrawals, a seawater desalination facility, treatment facilities, storage facilities such as the off-stream reservoir, pumping stations, and transmission mains.”⁸

No proportional capacities are calculated for individual retail customers; therefore, no projection of demand is made for Kenneth City. Kenneth City’s potable water demand is included in the demand data and projections for Pinellas County Utilities, the potable water service provider. The water demand data provided through the *Regional Water Supply Plan* prepared by the

⁸ RWSP, page 8.

Southwest Florida Water Management District is the best available data. The population projections used by the Southwest Florida Water Management District are essentially the same as the county population projections that include seasonal and tourist data.

B. Potable Water Facility Capacity, Projected Demand, Surplus or Deficits

Kenneth City also relies on the data and analysis contained in the Pinellas County Comprehensive Plan Water Supply Element, as adopted on October 19, 1999, through Ordinance 99-91 for the appropriate data and analysis for the water supply work plan.

The Town of Kenneth City is a retail customer of Pinellas County Utilities. Each residential unit in the town contacts Pinellas County Utilities for connection, service, and fee payment with no pass-through to the Town. Therefore, the residents of Kenneth City are part of Pinellas County’s service area and customer base. The County’s projections of demand, both existing and future, include the current and future residents of Kenneth City. These projections are documented in the Pinellas County Utilities Ten-Year Water Supply Facilities Work Plan (attached as Appendix C). The service area map (Appendix D) shows that Kenneth City is within the Pinellas County Utilities’ service area. This is the best data available to the Town.

Because there is no data showing the amount of water used only within the jurisdictional boundaries of Kenneth City, Table 4.5.2.B has been prepared to show the existing and projected water demand for 2005, 2013, and 2025. The population projections are those used in the Future Land Use Element. Based on the existing and proposed levels-of-service, the water demand is shown in thousands of gallons per day. Based on a reduced per capita demand and a slight increase in projected population, the water demand in Kenneth City is projected to decrease by 75,000 gallons between 2005 and 2013 and by 98,000 gallons per day between 2005 and 2025.

Table 4.5.2 B.: Projected Potable Water Demand

Projected Potable Water Demand by Year In Gallons per Day			
	<i>2005</i>	<i>2013</i>	<i>2025</i>
Population	4,567	4,588	4,588
Level of Service ¹	137	120	115
Projected Water Demand ²	626	551	528
Amount of Decrease ²	-	75	98

Source: The Gail Easley Company, 2008.

Notes: ¹Standard is gallons per person per day; ²Thousands of gallons per day

The proposed level-of-service for potable water is consistent with the proposed level-of-service in the Pinellas County EAR-Based Amendment, October 16, 2007 edition.

C. Conservation and Reuse

1. Inventory of Reuse Water Service Providers: Reclaimed water is not available to residents of Kenneth City.

Conservation and reuse practices and regulations within the Town of Kenneth City include the enforcement of water use restrictions during declared water shortage emergencies and installation of water saving plumbing devices.

D. Alternative Water Supply Projects

The *Regional Water Supply Plan* contains hundreds of water supply options. Because the wholesale potable water supply is provided by Tampa Bay Water, the required water supply projects are selected and implemented by that agency. The selected projects, approved by the Tampa Bay Water Board, are then incorporated into the *Master Water Plan*. The Tampa Bay Water Board selected the Downstream Enhancements Phases A/B for System Configuration II of the Master Water Plan for implementation. These enhancements meet the region’s water needs through 2017.⁹

No individual water supply project is selected by Kenneth City.

E. Financing

The capital costs for water supply development projects are the responsibility of Tampa Bay Water. Such costs are recaptured through the sale of water to Pinellas County Utilities, and through them, by Kenneth City. Funding mechanisms are identified in the *Special District Public Facilities Report* (5). The Pinellas County Water Supply Work Plan includes costs for distribution, transmission, treatment, and associated facilities. (Pinellas County *Water Supply Element*, 45 - 46) See Table 10 from the Pinellas County element on Page 35, if documentation of these costs is required.

F. General Performance of Existing Facilities and Adequacy of Adopted Level-of-Service

1. General Performance: The *Special District Public Facilities Report* includes a summary of the existing Tampa Bay Water facilities on Table I, Existing Water Supply Facilities (7), and Table II, Existing Pipelines (10). Pinellas County facilities are described in the *Water Supply Element* of the *Pinellas County Comprehensive Plan*.
2. Level-of-Service Standards: The Town of Kenneth City will coordinate its level-of-service standard for potable water with the level-of-service standard adopted by Pinellas County for its retail customers. These standards are:

Table 11: Pinellas County Projected Level-of-Service Standards

Potable Water				
Year	2008	2013	2020	2025
Gallons per capita per day (gpcd)	120	120	115	115

Source: Pinellas County Planning Department, Exhibit B, Capital Improvements Element, October 16, 2007.

⁹ Special District Public Facilities Report, page 4.

4.5.3 Solid Waste

The responsibility for legally disposing of the solid waste remains with Pinellas County through the 1975 *Solid Waste Disposal and Resource Recovery Act*. The town's solid waste generation is primarily from residential uses and some commercial uses. Assuming the same solid waste generation rate, especially considering that the town is completely built-out, the future yearly tonnage of solid waste is expected to remain the same over the long-term planning period. The town has an exclusive franchise agreement with Waste Management of Pinellas, Inc. for solid waste and yard trash removal as well as recycling.

The company reported an average collection of 8.17 tons per day of residential solid waste for the year 2005. The daily per capita rate is 3.6 pounds per person. This per capita rate is well below the adopted level-of-service standard of 5.31 pounds per person per day.

4.5.4 Sanitary Sewer

Pinellas County adopted its EAR-Based Comprehensive Plan amendment on March 18, 2008. In this amendment, the County uses a non-numerical level of service to evaluate capacity and concurrency for its wastewater treatment facilities. Because Pinellas County Utilities is responsible for Kenneth City's wastewater treatment, the County recommends that the Town adopt the following standard for the South Cross Bayou Wastewater Reclamation Facility, where the town's effluent is treated. This standard will ensure consistency with the County adopted standard.

To determine whether adequate wastewater treatment capacity is available for a development or redevelopment project in the Town, Kenneth City will utilize the adopted level of service standard for the South Cross Bayou Wastewater Reclamation Facility.

4.6 CONSERVATION ELEMENT

4.6.1 Regional Hurricane Evacuation Plan

Kenneth City is located in inland areas of Pinellas County with Pinellas Park to the north, St. Petersburg to the south, and unincorporated Pinellas County land surrounding most of the east, west, north, and south borders of the town. Residents will only have to evacuate the area during a hurricane when winds are expected to exceed 156 miles per hour and when water surges exceed 20 to 24 feet. Evacuation routes are represented by all collector and arterial roadways, which are owned by Pinellas County, including 22nd, 38th, and 54th Avenues (East to West) and 49th and 66th Streets (North to South). U.S. 19 and I-275 are within short distance drives from the Kenneth City town limits.

The *Tampa Bay Regional Hurricane Evacuation Study* addresses the counties of the region but does not organize data by municipality. For purposes of coordinating evacuation activity, however, the town will continue to coordinate with Pinellas County Emergency Management regarding voluntary and mandatory evacuations. Objectives and policies pertaining to hurricane evacuation are updated to ensure consistency with the 2006 hurricane study and coordination with countywide emergency management requirements.

People with special needs may register with the Lealman Fire District or the Pinellas County Emergency Management Department. This registration places a person in the database. In an

emergency, such as an evacuation, a bus is provided to transport individuals with special needs to a shelter. There are no group homes, mobile homes, nursing homes, or hospitals identified within the town.

4.6.2 Hazard Mitigation Plan

The *Pinellas County Local Mitigation Strategy* provides an analysis of vulnerability to the various hazards that may affect the county. Kenneth City has a medium vulnerability to flooding, since it is an inland town, primarily from flooding during rainfall. It has a low vulnerability to minor hurricanes, but a medium vulnerability to major hurricanes. The entire county has a medium vulnerability to tornadoes. The probability for hurricanes in Pinellas County as a whole is high and higher surges are expected than indicated by the Saffir/Simpson Hurricane Scale.

The local mitigation strategy also establishes goals for public education, protection of property and infrastructure, and coordination of mitigation efforts. The Kenneth City Plan is consistent with these goals through goals, objectives and policies contained in the Conservation Element and the Intergovernmental Coordination Element. The Town of Kenneth City has responded to the recommendation that one goal statement should be added to the plan to create a disaster resistant community through design or refitting of public buildings for emergency purposes. In 2006, the Town completed hardening of its town hall for use in emergency situations.

All data and analysis as well as goals, objectives, and policies pertaining to hazard mitigation and hurricane evacuation are being consolidated into the Conservation Element.

4.6.3 Floodplain Map

Map LU-2, Flood Zones in the original data and analysis for the Future Land Use Element is replaced by *Map CE-1: Floodplain Map* in the Conservation Element. This is the most recent floodplain information available from the Federal Emergency Management Agency.

4.6.4 Coastal Management

Kenneth City is an inland municipality; therefore, coastal management issues are not applicable.

4.7 RECREATION AND OPEN SPACE ELEMENT

4.7.1 Inventory of Recreation and Open Space

Kenneth City has three types of recreation and open space land. These are recreation open space, conservation open space, and corridor open space. These types of recreation and open space land are defined in the existing data and analysis. Since the last plan amendment, there have been no additions to the passive open space inventory. The Inventory of Parks and Recreational Facilities presented in Table 1 of the 1999 Comprehensive Plan data and analysis continues to be accurate.

4.7.2 Level-of-Service Standards

The level-of-service standards adopted by the town continue to be met. No changes are warranted or anticipated due to the built-out character of the town.

4.8 INTERGOVERNMENTAL COORDINATION ELEMENT

4.8.1 Existing Contracts/Agreements

Kenneth City participates in many intergovernmental coordination contracts and agreements that remain largely unchanged since the EAR-based amendment in 1999. Kenneth City was included in the *Service Delivery in Pinellas County: An Inventory and Assessment of Service Delivery Agreements* report in 2004. The report indicates that entities within Pinellas County generally coordinate and work well together. Kenneth City does not have any schools, but it is a signatory to the School Facility Siting Agreement. (Table 2, Page 9)

While overall coordination has been effective, Kenneth City identified a need for improved coordination between Pinellas County and the town with regard to scheduled roadway improvement projects. As noted in an EAR issues, the Town would like more involvement in the programmed improvements and enhancement of the roadways that are within the town limits. As of 2007, there are no scheduled roadway improvements planned within Kenneth City and no roadways with deficient levels-of-service. The County continues to maintain the portions of 54th Avenue North, 58th Street North, and 46th Avenue North that are inside the town boundaries. An additional policy regarding coordination of roadway projects is provided in the Intergovernmental Coordination Element. Other amendments are included to more correctly describe the role of the Pinellas Planning Council and the town's coordination with PPC.

4.9 CAPITAL IMPROVEMENTS ELEMENT

Kenneth City does not have a potable water system, sanitary sewer system, or solid waste facility. As these facilities are owned, controlled, and operated by other entities and no land is available within the town to provide a location for such a system or facility, there is no need for local practices regarding guidance of the timing and location of facilities. Ongoing coordination mechanisms with the service providers are addressed in the Intergovernmental Coordination Element.

There are no public education facilities or public health systems within Kenneth City. Therefore, there is no associated service area or location information.

4.9.1 Capital Items

For the purposes of the *Capital Improvements Element* (CIE), a capital improvement is defined as a physical asset which has been identified as an existing or projected need in the individual comprehensive plan elements, has an expected life in excess of five years, and a cost in excess of \$100,000. Identified capital improvement projects are those necessary to maintain levels of service recommended in the other comprehensive plan elements. The Schedule provides a brief description of each of the capital improvement projects, indicates whether the project is needed to correct existing deficiencies or address projected needs, and provides an estimate of the total project cost.¹⁰

The capital improvement projects listed in the Schedule are not inclusive of all anticipated capital expenditures by the municipality during this time period. The list of improvements derived from the preceding elements has been limited to major components identified in the

¹⁰ Kenneth City Comprehensive Plan, CIE, page 1.

Stormwater Sub-element with costs of \$100,000 or more and which the municipality is responsible for providing in order to maintain adopted levels-of-service. Smaller scale improvements of less than \$100,000, together with the projects identified in the CIE, will both be addressed in the capital improvement program and annual capital budget as they occur over time.¹¹

4.9.2 Five-Year Capital Projects

Collector and arterial roads are constructed, improved, and maintained by either Pinellas County or the State of Florida. Kenneth City is engaged in ongoing coordination with the appropriate transportation entity regarding replacement or expansion of roads within the town limits. Refer to the Intergovernmental Coordination Element regarding coordination mechanisms.

A. Recreation Level-of-Service

As recommended in the Evaluation and Appraisal Report, a review of the recreation level-of-service and current inventory of recreation and open space lands and facilities was conducted. The town meets the currently adopted level-of-service standards for both acreage and facilities. Because there is no available land for new development nor any identified unmet needs, there are no proposed capital projects for recreation and open space.

B. Stormwater Drainage System

The only capital projects identified within Kenneth City are for the replacement of existing storm drains. Phase I of the 1998 stormwater drainage master plan has been completed. Phase II is underway and scheduled for completion, along with Phase III, by 2012.

Table 12: Capital Improvement Needs

Element	Facility Needed
Infrastructure	Phase II completion, Stormwater Drains Phase III, Stormwater Drains

Source: Town of Kenneth City, 2007.

The following revenue sources are available to fund the drainage facility improvements. The town has a special projects fund and remaining costs are budgeted from SWFWMD grant funds. If grant funds are not available, the improvement will be rescheduled until a future year. The annual update to the schedule of capital improvements will reflect such changes. Table 13 shows the specific drainage project, project costs, and the scheduled fiscal year for the improvement. Table 13 provides an estimate of all projected income for capital projects; this income is projected to be more than the funding needed for stormwater projects alone.

¹¹ Ibid, CIE, pages 1-2.

Table 13: Estimated Revenues for Major Funding Sources

Revenue Source	FY 07/08	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13
Local Option Sales Tax (Penny for Pinellas)	\$400,000	\$200,000	\$250,000	\$250,000	\$250,000	\$250,000
Southwest Florida Water Management District (Grant)	\$200,000	\$200,000	0	0	0	0

Source: Town of Kenneth City, 2007.

Table 14: Schedule of Capital Improvements for Fiscal Years 2007-08 Through 2011-12

Stormwater Improvements	FY 07/08	FY 08/09	FY 09/10	FY 10/11	FY 11/12
Storm drain replacements	\$600,000	\$200,000	\$250,000	\$250,000	\$250,000
Totals	\$600,000	\$200,000	\$250,000	\$250,000	\$250,000

Source: Town of Kenneth City, 2007.

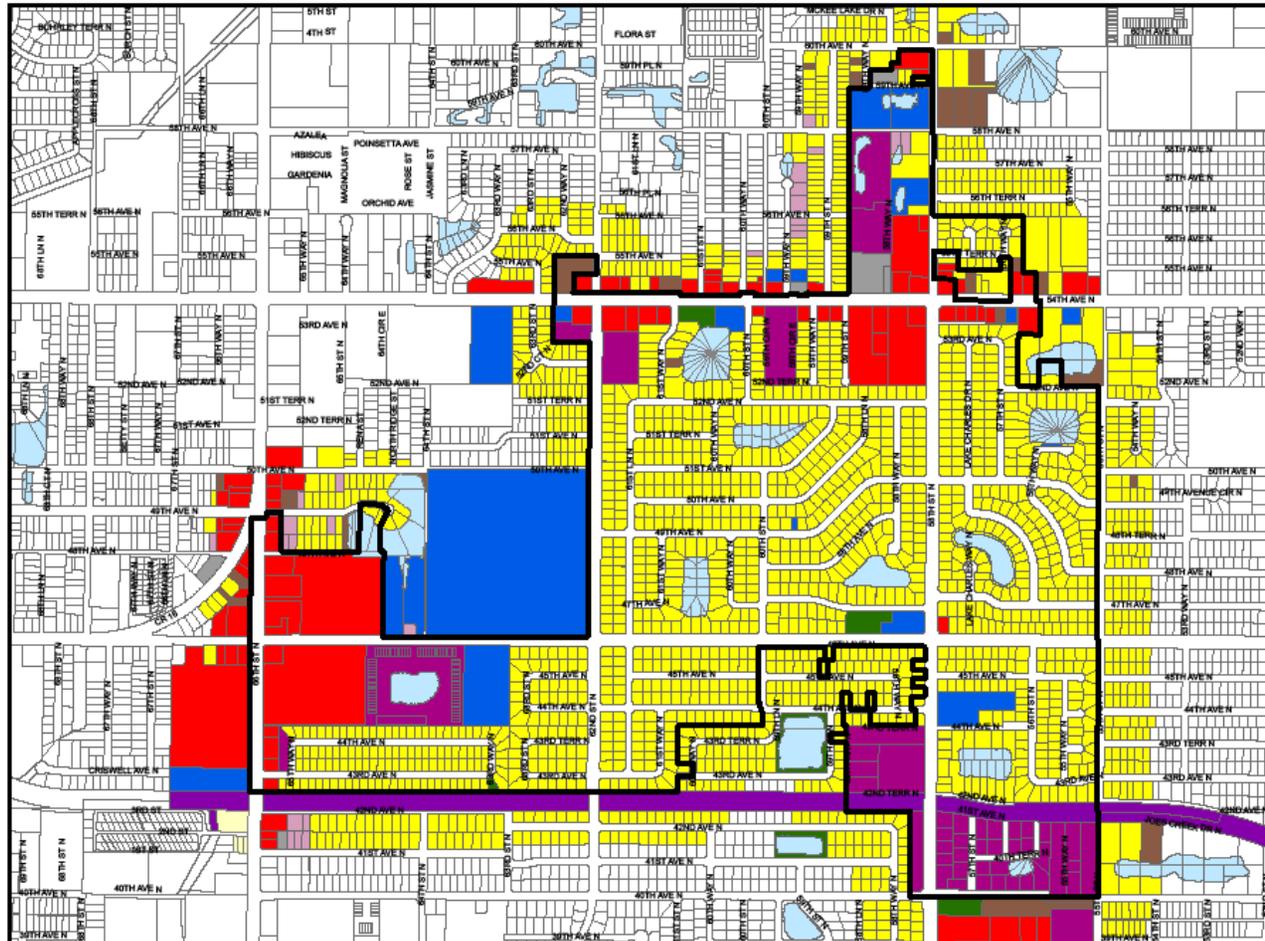
4.9.3 Concurrency Management

The town's concurrency management system is updated to reflect any changes to level-of-service standards in the comprehensive plan and to ensure that the procedures for determining concurrency are fully consistent with current statutory requirements.

4.10 PUBLIC SCHOOL FACILITIES ELEMENT

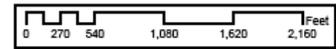
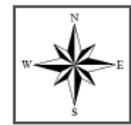
Kenneth City is exempt from the Public School Facilities Element requirement. See the attached letter from the Pinellas County School Board.

Town of Kenneth City
LU-1: Existing Land Use Map



Legend

- Municipal Boundaries
- Submerged Lands
- Commercial
- Conservation/Preservation
- Duplex/Triplex
- Industrial
- Mobile Home
- Multifamily
- Public/Semi-Public
- Recreation/Open Space
- Single-Family
- Vacant

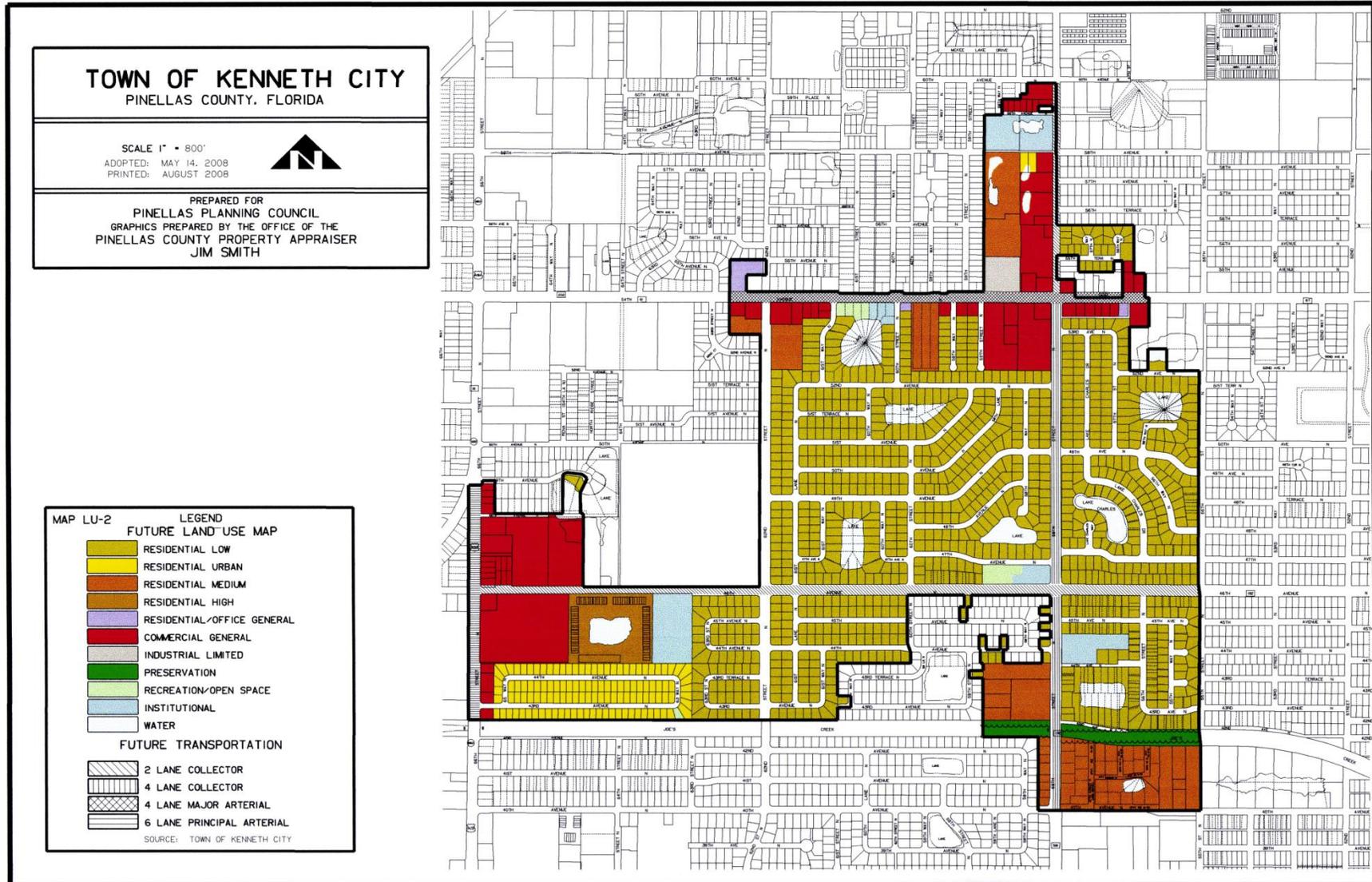


Prepared by the Pinellas Planning Council
with data provided by the Pinellas County
Information Systems Department and
the Town of Kenneth City
September 7, 2007

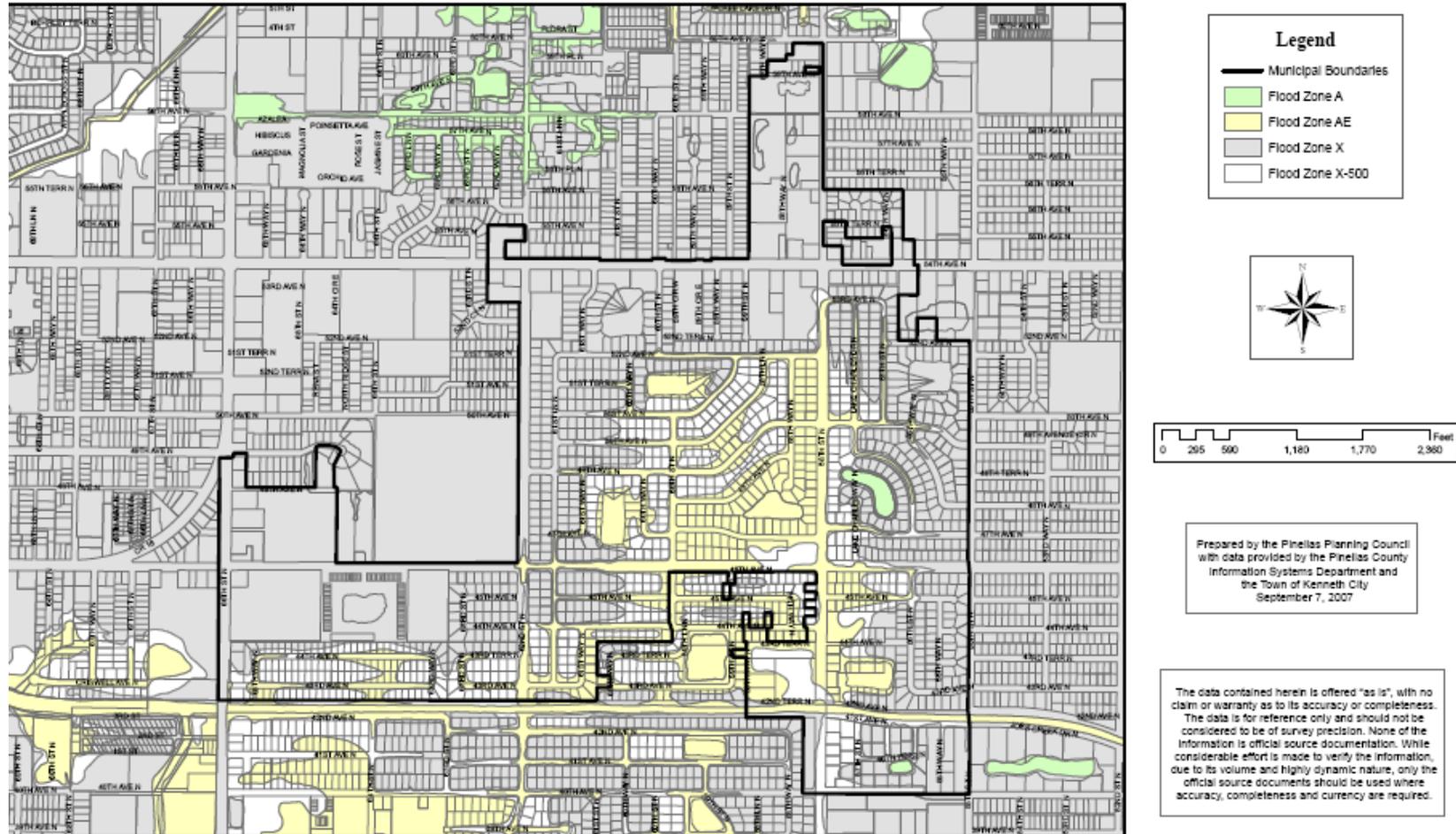
The data contained herein is offered "as is", with no claim or warranty as to its accuracy or completeness. The data is for reference only and should not be considered to be of survey precision. None of the information is official source documentation. While considerable effort is made to verify the information, due to its volume and highly dynamic nature, only the official source documents should be used where accuracy, completeness and currency are required.

Source: Pinellas Planning Council, September 2007.

LU-2: Future Land Use and Transportation Map



Town of Kenneth City
CE-2: Floodplain Map



Source: Pinellas Planning Council, September 2007.

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6.0 APPENDICES

Appendix A: Letter of Exemption to Public Schools Element



PINELLAS COUNTY SCHOOLS

Received
MAY 26 2006
Pinellas Planning Council

WALTER
POWNALL
SERVICE CENTER
11111 S. Belcher Road
Largo, Florida 33773
(727)541-3526

Gordon Beardslee
General Planning Administrator
Pinellas County Planning Department
6000 Cleveland Street, Suite 750
Clearwater, FL 33755

Dear Mr. Beardslee:

School Board of
Pinellas
County, Florida

Chairperson
Carol J Cook

Vice Chairperson
Mary L. Tyus
Brown

Nancy N. Bosrock
Janet R. Clark
Jane Gallucci
Linda S.
Lerner
Mary L.
Russell

Superintendent
Dr. Clayton M.
Wilcox

This will confirm that School District staff has reviewed the methodology and information used to determine exemption status for the Pinellas County jurisdictions listed below, and that the School District concurs that these jurisdictions are exempt from the need for a public school facilities' element.

Jurisdictional Exemptions

- Belleair
- Belleair Beach
- Belleair Bluffs
- Belleair Shores
- Kenneth City
- Indian Rocks Beach
- Indian Shores
- South Pasadena
- North Redington Beach
- Redington Beach
- Redington Shores
- Treasure Island

As discussed, we are in the process of confirming eligibility for Kenneth City and Redington Shores due to their residential annexations and subsequent development orders. In addition we are in the process of confirming enrollment numbers for South Pasadena's eligibility.

Feel free to contact me if you need any additional information.

Sincerely,

Stephen Fairchild
Real Property/Facilities Specialist

- Cc: Frank Frail, Educational Specifications Specialist
 Jim Miller, Director, Real Property
 Jim Robinson, School Board Attorney
 Tony Dzielski, Director, Transportation
 Marshall Touchton, Demographic Specialist
 Jim Underhill, Planning Specialist
 Jim Madden, Director, Unitary Status

SR06/ExemptionLetter

Printed on Recycled Paper

Appendix B: Future Land Use Categories

Land Use Category	Density/Intensity	Allowable Uses and Locational Criteria
Residential Low (RL)	0 to 5 units/acre	Intended for residential uses up to 5 dwelling units per gross acre, not restricted by dwelling unit type; and public educational facilities per Chapter 1013, F.S. Includes electric substations.
Residential Urban (RU)	0 to 7.5 units/acre	Intended for residential uses up to 7.5 dwelling units per gross acre, not restricted by dwelling unit type; and public educational facilities per Chapter 1013, F.S.
Residential Medium (RM)	0 - 15 units/acre	Intended for residential uses, as defined by Florida Statute and the town’s Code of Ordinances, up to 15 dwelling units per gross acre not restricted by dwelling unit type; and public educational facilities per Chapter 1013, F.S. Includes electric substations.
Residential/Office General (R/OG)	Residential dwelling @ 0 - 15 units/acre; Maximum FAR = 0.40 Maximum ISR = 0.65	Intended for moderate intensity residential uses up to 15 dwelling units per net acre, office uses, and public educational facilities per Chapter 1013, F.S. Such uses are suitable in areas having a full range of urban services and a high degree of accessibility to the residents of the service area. Includes electric substations.
Commercial General (CG)	Maximum FAR = 0.40 Maximum ISR = 0.80	Intended for commercial uses of varying intensity, with varying service areas, and encompassing retail and wholesale trade, personal and business services. Such uses are suitable in areas having a full range of urban services and a high degree of accessibility to the residents of the service area. Includes electric substations.
Industrial Limited -- Warehouse (IL)	Maximum FAR = 0.50 Maximum ISR = 0.65	Intended for light industrial purposes, except those which may be offensive by reason of emission of odor, dust, smoke, gas, or noise. Such uses are suitable in areas having a full range of urban services and a high degree of accessibility to the residents of the service area. Includes electric substations.
Recreation/Open Space (R/OS)	Maximum FAR = 0.25 Maximum ISR = 0.40	Intended for recreational uses where the predominant activities involve developed physical facilities whether private or public. Includes electric substations.
Preservation/Conservation	Maximum FAR = 0.10 Maximum ISR = 0.20	Intended for areas considered to be vital for the maintenance and recharge of water resources, areas of unique or valuable topographic or subsurface features, and areas of significant environmental or ecological importance (e.g., coastal beach soils) which should be preserved. Also intended for low intensive preservation (e.g., wildlife preserves, fresh and saltwater wetlands, coastal dunes, etc.), conservation and recreation, uses which require the retention of an essentially natural landscape with the predominating surface cover being vegetated and permeable.

Land Use Category	Density/Intensity	Allowable Uses and Locational Criteria
Institutional (I)	Maximum FAR = 0.50 Maximum ISR = 0.65	Intended for those areas of the town that are now used, or appropriate to be used, for public/semi-public institutional purposes; and to recognize such areas consistent with the need, character, and scale of the institutional use relative to surrounding uses, transportation facilities, and natural resource features. Those uses appropriate to and consistent with this category include: public/private schools, hospitals, church, religious institutions, fraternal, civic organizations, municipal office/public buildings. Includes electric substations.

Appendix C

Pinellas County Utilities Ten-Year Water Supply Facilities Work Plan

CAPITAL PROGRAMS	TYPE	PROJECT TITLE	FUNDING SOURCE	LOCATION	PCU ¹ TOTAL WATER DEMAND (MGD)											Work Plan Total
					FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	
					67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	
					TEN YEAR SCHEDULE OF IMPROVEMENTS (Dollar Shown In Thousands)											
					FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	
Facility Replacement	Water Distribution Mains	Water Enterprise Fund	Throughout Service Area		5,400	4,450	7,800	3,200	2,200	3,200	2,200	2,200	2,200	2,200	2,200	37,250
Facility Replacement	Water Supply Stations	Water Enterprise Fund	Throughout Service Area		400	250	50	50	1,550	800	50	50	50	50	50	3,350
Facility Replacement	Source and Treatment	Water Enterprise Fund	Throughout Service Area		2,316	151	5	5	5	5	5	5	5	5	5	2,512
Facility Replacement	Water Transmission Mains and 48-Inch Water Main	Water Enterprise Fund	Throughout Service Area		3,900	1,432	6,000	6,000	0	0	0	0	0	0	0	17,332
Facility Replacement	Distribution Stations	Water Enterprise Fund	Throughout Service Area		466	1,050	15	15	350	15	15	15	15	15	15	2,025
Facility Replacement	Distribution Buildings	Water Enterprise Fund	Throughout Service Area		283	110	80	80	80	80	550	550	550	550	550	3,463
New Facility	CIAC ²	Water Enterprise Fund	Throughout Service Area		50	3,345	3,236	3,236	3,236	3,236	3,236	3,236	3,236	3,236	3,236	32,520
New Facility	Water Blending Facility	Water Enterprise Fund	Throughout Service Area		0	24,600	37,200	19,700	0	0	0	0	0	0	0	81,500
New Facility	Reuse System Expansion ³	Sewer Enterprise Fund	Select Area - North County		16,000	34,200	10,500	0	0	0	0	0	0	0	0	60,700
New Facility	Reuse System Expansion ³	Sewer Enterprise Fund	Select Area - South County		200	2,700	1,400	0	0	0	0	0	0	0	0	4,300
	FY TL				28,014	72,269	86,288	32,288	7,481	7,358	8,068	8,068	8,068	8,068	8,068	244,952
O&M PROGRAMS																
Conservation Projects ⁴	Efficient Use of Potable Water	Water / Wastewater Enterprise	Throughout Service Area		1557	832	747	653	424	270	270	270	270	270	270	5,833
Conservation Education ⁵	Education and Outreach	Water / Wastewater Enterprise	Countywide		620	550	588	585	604	623	642	662	682	682	682	6,280
	FY TL				2,177	1,382	1,316	1,238	1,028	893	912	932	962	962	962	12,113

¹ PCU = Pinellas County Utilities; the PCU water service area includes approximately 110,897 retail water accounts as of May 2007. PCU provides wholesale service to the cities of Clearwater, Safety Harbor, Pinellas Park, Tarpon Springs and Dunedin (Dunedin is only hooked up as a wholesale customer for emergency purposes with the exception of a subdivision serviced by PCU). PCU provides retail service to the cities of Belleair Beach, Belleair Bluffs, Belleair Shore, Indian Rocks Beach, Indian Shores, Kenneth City, Largo, Madeira Beach, North Redington Beach, Oldsmar, Redington Beach, St. Pete Beach, Seminole and Treasure Island. Oldsmar is a retail customer as of October 1, 2006. Several of these communities are considering water supply alternatives which will reduce the demand on PCU.

² CIAC = Contributions in Aid of Construction - for example, the implementation of the reclaimed water system benefits the water system in that the system doesn't need to expand to meet the new demand. Therefore, funds are transferred from the water system enterprise to the sewer enterprise to pay for part of the reclaimed system construction.

³ The expansion of Pinellas County's reclaimed water distribution system and incentives to citizens to utilize alternative water sources for irrigation are key conservation and potable water demand reduction strategies. Also, Reuse System Expansion includes Aquifer Storage and Recovery in both North and South County.

⁴ Water conservation programs are focused on: a) Ultra-low volume toilet retrofits (\$1.36 million estimated), b) Alternate water sources for irrigation (\$0.97 million estimated), and c) Industrial, commercial and institutional performance contracting incentive (\$1.2 million estimated).

⁵ Due to reducing per capita consumption of water, the focus will shift to maintaining public knowledge and sensitivity to water resource issues.

NOTE: All figures are projections based on best available data. The Pinellas County Board of County Commissioners approves budgets and priorities annually.
 GENFUND/REVENUE ... WATER/SEWER/10-YEAR ...

Source: http://www.pinellascounty.org/Plan/pdf_files/WSFWP.pdf

Appendix D

