

Contractor with examples of the forms to be used, and sets out the Participation Agreement which Participating Contractor must consent to in order to become Participating Contractors
SUMMARY OF STATEMENT OF ESTIMATED REGULATORY COST: No Statement of Estimated Regulatory Cost was prepared.

Any person who wishes to provide information regarding a statement of estimated regulatory costs, or provide a proposal for a lower cost regulatory alternative must do so in writing within 21 days of this notice.

SPECIFIC AUTHORITY: 215.5586(6) FS.

LAW IMPLEMENTED: 215.5586 FS.

IF REQUESTED WITHIN 21 DAYS OF THE DATE OF THIS NOTICE, A HEARING WILL BE HELD AT THE DATE, TIME AND PLACE SHOWN BELOW (IF NOT REQUESTED, THIS HEARING WILL NOT BE HELD):

DATE AND TIME: December 13, 2006, 9:30 a.m.

PLACE: Room 142, Larson Building, 200 East Gaines Street, Tallahassee, Florida

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 5 days before the workshop/meeting by contacting: Ray Wenger, (850)413-5660 If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE IS: Ray Wenger, 4th Floor Larson Building, 200 E Gaines St., Tallahassee, FL 32399-0333; Email ray.wenger@FLDFS.com

THE FULL TEXT OF THE PROPOSED RULE IS:

69J-7.004 Participating Contractors.

The standards and procedures for participation as a Participating Contractor pursuant to Section 215.5586(2)(c), F.S., are set forth in Florida Department of Financial Services Florida Comprehensive Hurricane Damage Mitigation Program My Safe Florida Home Program Guide for Participating Contractors and Applicants for Participating Contractor Status (Eff. _____), which is hereby incorporated by reference into this rule.

Specific Authority 215.5586(6) FS. Law Implemented 215.5586 FS. New _____.

NAME OF PERSON ORIGINATING PROPOSED RULE:
Ray Wenger, Senior Management Analyst Supervisor, Bureau of Investigations, Division of Agent & Agency Services

NAME OF SUPERVISOR OR PERSON WHO APPROVED THE PROPOSED RULE: Phil Fountain, Assistant Director, Division of Agent & Agency Services

DATE PROPOSED RULE APPROVED BY AGENCY HEAD: October 25, 2006

DATE NOTICE OF PROPOSED RULE DEVELOPMENT PUBLISHED IN FAW: October 6, 2006

Section III Notices of Changes, Corrections and Withdrawals

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND

Notices for the Board of Trustees of the Internal Improvement Trust Fund between December 28, 2001 and June 30, 2006, go to <http://www.dep.state.fl.us/> under the link or button titled "Official Notices."

WATER MANAGEMENT DISTRICTS

Southwest Florida Water Management District

RULE CHAPTER NO.: RULE CHAPTER TITLE:

40D-2 Water Use Permitting

RULE NOS.: RULE TITLES:

40D-2.091 Publications Incorporated By
Reference

40D-2.801 Water-Use Caution Areas

NOTICE OF CHANGE

Notice is hereby given in accordance with subparagraph 120.54(3)(d)1., F.S., that the following changes have been made to the proposed Rule 40D-2.801, F.A.C., and the Basis of Review published in Vol. 32, No. 19, May 12, 2006, issue of the Florida Administrative Weekly, page 2110.

Proposed amendments to 40D-2.801(3)(b)2. are now as follows:

40D-2.801 Water-Use Caution Areas.

4.2. Regulations applicable to this Water Use Caution Area are specified in this Chapter and in the Basis described in Rule 40D-2.091, F.A.C., and are incorporated into this rule. Amendments to those regulations adopted _____, shall become effective on _____. Those amendments and rRegulations relating to SWUCA effective January 1, 2003 and _____, are not intended to affect, and shall not be construed to affect, any water use permit that does not have a withdrawal point within the SWUCA.

The Basis of Review incorporated in 40D-2.091 is changed as described below:

BASIS OF REVIEW PROVISIONS

CHAPTER 1 OF THE BASIS OF REVIEW

Changes proposed to Section 1.12, new paragraph 2.b. are shown to the proposed language in an underline and strikethrough format below:

1.12 MODIFICATION OF PERMITS

2. Letter Modification.

- b. A letter modification shall be used to activate a Standby ~~Quantities Alternative Water Supply Permit~~ where there is a loss of Alternative Water Supplies as described in Section 3.1, Chapter 3 of this Basis of Review, in the paragraph titled "Loss of Alternative Supplies."

CHAPTER 2 OF THE BASIS OF REVIEW

Changes proposed to Section 2.1 paragraph 1. are as follows:

2.1 APPLICANT CONTROL OF PROPERTY AND ACTIVITIES

1. Applicants must demonstrate ownership or legal control of all property on which pumps, wells, diversions or other water withdrawal facilities are or will be located. Except for Self-Relocations as described below, aApplications for leased property, except property leased from the District, must be either a joint application in the name of the lessee and the property owner(s) or be only in the name of the property owner(s). If there are multiple property owners, all owners must sign the permit application form or sign an attachment to the permit application form indicating their joinder in the permit application, and all property owners will be permittees on the water use permit, when issued. In the case of an application for Self-Relocation, a permit may be issued solely to the lessee if the lessee and the permittee on the permit to be Self-Relocated are the same person or entity. For related rules on this issue, see Rules 40D-1.6105, 40D-2.351, and 40D-2.381(3)(p) and (q), F.A.C., and Section 1.10 and 6.1, Basis of Review for Water Use Permit Applications.

Changes proposed to Section 2.5, the new subsection titled "PUBLIC WATER SUPPLY SERVICE AREA WITHIN THE SWUCA" are shown to the proposed language in an underline and strikethrough format below:

2.5 PUBLIC WATER SUPPLY SERVICE AREA PUBLIC WATER SUPPLY SERVICE AREA WITHIN THE SWUCA

In addition to the paragraph above, aA public supply utility permit Applicant must define the entire area proposed to be serviced by the public supply system or utility with potable water during the term of the permit. A public water supply utility may have separate, discreet service areas; however, if water is routinely transferred between service areas, the service areas are counted as one. An applicant's public supply service area is composed of the following, unless the applicant demonstrates that factors unique to its utility make one or more of these situations inapplicable to the determination of the applicant's service area:

1. The current and projected geographic retail area for which a public water supply utility intends to provide and bill for potable water for the duration of the permit.
2. The current and projected geographical retail areas of a public water supply utility that is not required to have a Wholesale Water Use Permit but which purchases water wholesale from the Applicant;
3. Areas where the Applicant bills for water use although another entity or utility has a Wholesale Water Use Permit for distribution of the water to the population.

The area for which a Wholesale Public Supply Permittee distributes potable water and bills customers for that water is not included in the wholesaler supplier's service area.

Public water supply applicants and their wholesale customers that operate "community water systems" as that term is defined by the Florida Department of Environmental Protection in Rule 62-550.200, F.A.C., and provide or propose to provide water to the public for compensation, shall be considered public water supply "utilities." For the purposes of this rule, an entity which submeters a master-metered connection to a utility and bills for the metered water use is not considered a public water supply utility.

Public supply permit Applicants with a defined service area must submit an up-to-date map of the service area with clearly marked, identifiable boundaries at the time of application for a new permit, permit modification (not letter modification) or permit renewal. The map submitted must clearly show any changes to the service area relative to the service area depicted in the District's electronic public supply service area boundary map. The map must clearly delineate the current area served from any proposed service area(s) if the current and proposed areas are not the same, and the applicant is applying for quantities for the proposed service area. The map may be paper or District compatible electronic file format. During the term of the permit, for permits with durations longer than six years, an up-to-date service area map shall be submitted every six years. With each service area map submittal, the following information must be included:

1. A current general utility contact person name, title, email address and phone number.
2. A current contact person name, title, email address and phone number whom District staff may call concerning the service area map.
3. The metadata for the map if the map is submitted as an electronic file that is compatible with the District's format.
4. The District permit numbers and Florida Department of Environmental Protection Public Water Supply Identifier (PWSI) numbers and area designation

names for each service area or sub-service area, as applicable.

5. An indication of routine water transfer interconnections between service areas and other utilities or wholesale suppliers or recipients.
6. The name, contact person, phone number, and District permit number(s) of each utility that purchases water from the permittee on a routine basis and the most recent year's purchase quantity in millions of gallons per day.
7. The name, contact person, phone number, and District permit number(s) of each utility that the permittee purchase water from on a routine basis and the most recent year's purchase quantity in millions of gallons per day.

Definable areas within a service area which are served by domestic potable wells shall be delineated and designated by the permittee as non-served areas unless documentation such as a capital improvement plan is provided that demonstrates that the area will be supplied by the applicant within the term of the permit. Quantities shall not be permitted for overlapping service areas or service areas that are in dispute.

CHAPTER 3 OF THE BASIS OF REVIEW

Changes proposed to Section 3.1, REASONABLE DEMAND, the new subsection titled "Reasonable Water Needs In The SWUCA" are shown to the proposed language in an underline and strikethrough format below:

3.1 DETERMINING REASONABLE QUANTITIES REASONABLE DEMAND

Reasonable Water Needs In The SWUCA – The reasonable water needs of all applicants for permit renewals, New Quantities and Self-Relocation will be closely evaluated by the District. For renewals and Self-Relocations the evaluation period will be the previous permit term, taking into account climate variability, market conditions, and other factors that influence water withdrawals. Permittees who have not utilized the full previous allocation because circumstances prevented full implementation of the plan on which the allocation was based will be required to demonstrate that the need for the full allocation will occur within the next permit term. To support any future needs, this demonstration must include substantive documentation of the proposed need such as materials orders, construction plans or an operations or business analysis or plan that otherwise specifically justifies the requested quantities. In such cases, the permit shall be restricted term may restricted to encompass the period over which the proposed need is projected to occur, or the permit may be conditioned to reduce the permitted quantities should the proposed need not develop. For water uses affected by rainfall, the demonstration may include information showing the relationship between actual effective rainfall amounts affecting demand occurring over the previous permit term and any statistical rainfall analysis upon

which the previous permit allocation was based that contributed to the permittee's ability to use less than the full previous allocation. This paragraph shall be construed to provide for the allocation of sufficient quantities to meet the permittee's reasonable-beneficial needs during drought conditions as otherwise set forth in this Chapter 3 and consistent with the District's authority to address such uses during declared water shortages and emergency water shortages.

Proposed amendments to Section 3.1, the subsection titled "Alternative Water Supplies Within the SWUCA" are now as follows:

ALTERNATIVE WATER SUPPLIES ~~SOURCES~~ WITHIN THE SWUCA

Reuse Goal – Water Use Permittees within the SWUCA who generate treated domestic wastewater are encouraged to demonstrate that maximization of beneficial reuse is occurring such that by September 30, 2004, 50% or more of the total annual effluent flow is beneficially reused. Beneficial reuse is the use of reclaimed water for one of the activities described below. The calculation of the percentage beneficially reused shall be based on the Permittee's wastewater treatment plants with a capacity of 0.5 mgd or greater. Progress toward this goal shall be described in the Alternative Water Source Suppliers report described in Section 3.1, the paragraph titled "Alternative Source Suppliers Within The SWUCA," below.

1-1-03, _____

Proposed amendments to Section 3.1, the subsection titled "REPORTING ALTERNATIVE WATER SUPPLY QUANTITIES WITHIN THE SWUCA" are now as follows:
REPORTING ALTERNATIVE WATER SUPPLY ~~SOURCE~~ QUANTITIES WITHIN THE SWUCA

Alternative Water Source Suppliers Within The SWUCA – Governmental or other entities holding Water Use Permits within the SWUCA and which generate treated wastewater effluent or supply stormwater shall submit an annual Suppliers of Alternative Water Supplies ~~Source~~ Report. This requirement shall be implemented by attaching a permit condition to all applicable permits upon January 1, 2003. The Suppliers of Alternative Water Supplies ~~Source~~ Report will require the Permittee to provide information about locations and quantities of Alternative Water Supplies delivered ~~sources supplied~~, effluent disposed and supplied as beneficial reuse, and information about individual customer reuse connections.

1-1-03, _____

Alternative Water Supply ~~Source~~ Receivers Within The SWUCA – All permitted uses within the SWUCA which receive reclaimed water or stormwater (e.g. golf courses, industrial/commercial uses, agricultural uses, etc.) shall be required to meter, record and report Alternative Water Supply ~~source~~ quantities and sources on a monthly basis. Permittees shall list the Alternative Water Supply ~~source~~ supplier's

name, location, and quantities obtained in gallons per day, for each source. This requirement shall be implemented by attaching a permit condition to all applicable permits.

1-1-03, _____

Changes proposed to Section 3.1, the new subsection titled "Permits With Alternative Water Supplies In The SWUCA" are shown to the proposed language in an underline and strikethrough format below:

Permits With Alternative Water Supplies In The SWUCA

New Permits – If an application includes the use of Alternative Water Supplies to supply all or a portion of the requested demand, and the applicant demonstrates that, through no fault of the applicant, the Alternative Water Supplies are vulnerable to becoming unavailable, insufficient or unsuitable for the authorized use, upon request by the applicant, a permit will be issued that puts use of the non-alternative source on standby status, provided the withdrawal and use of the non-alternative water supply source meets all the conditions for issuance. The standby quantity will be for an amount equal to the quantity offset by the Alternative Water Supplies. This standby quantity is to be used only when the Alternative Water Supplies become unavailable, insufficient or unsuitable; or economically, technically or environmentally infeasible for the authorized use. In no case will the standby quantity exceed the permitted quantity.

Proposed amendments to Section 3.3 AGRICULTURE, the paragraph titled "PASTURE IRRIGATION" are now as follows:

3.3 AGRICULTURE PASTURE IRRIGATION

Applications for the irrigation of unimproved pasture will not be approved. Authorization of water use for improved pasture shall ~~may~~ be given based on the three driest months of the year (~~April, May, October~~) if the Applicant documents that an operable irrigation system exists (or is proposed) and is capable of delivering the requested amount. Permitted quantities for pasture irrigation will be based on the assigned efficiency standards set forth in Table 3-2 or historical irrigation quantities or schedules, whichever is less.

Changes proposed to Section 3.3, AGRICULTURE, the subsection titled "REPORTING REQUIREMENTS FOR IRRIGATION WATER USE WITHIN THE SWUCA", the paragraphs titled "Compliance Within The SWUCA" are now as follows:

Compliance Within The SWUCA – Permittees who exceed the allocated quantities, which include standard and drought quantities as applicable, shall submit a report to the District which shall include reasons why the allotted quantities were exceeded, measures taken to attempt meeting the allocated quantities, and a plan to bring the permit into compliance. Allocated quantities are determined by multiplying the total irrigated acres by the total allocated inches per acre per season

per crop. Reports for Permittees not achieving the allotted quantities are subject to District approval. ~~If the report is not approved, the Permittee is in violation of the Water Use Permit.~~ Transferred _____

The District will evaluate information submitted by Permittees who exceed their allocated quantities to determine whether the lack of achievement is justifiable and a variance is warranted. Permittees may justify lack of achievement by documenting unusual water needs, such as unusual soil or weather conditions creating greater irrigation needs than normal. However, even with such documented justification, phased reductions in water use shall be required unless the District determines that water usage was reasonable under the circumstances reported and that further reductions are not feasible. For such Permittees, on a case-by-case basis, individual efficiency criteria may be developed for each management period. Justification for the exceedance does not constitute a waiver of the District's authority to enforce the terms and conditions of the permit.

Proposed amendments to Section 3.6, PUBLIC SUPPLY, the subsection titled "PER CAPITA DAILY WATER USE WITHIN THE SWUCA" are now as follows (last sentence added):

3.6 PUBLIC SUPPLY

PER CAPITA DAILY WATER USE WITHIN THE SWUCA

Adjusted Gross Per Capita – Within the SWUCA permittees shall have an adjusted gross per capita daily water use rate no greater than 150 gallons per person per day (gpd). Permittees may deduct significant uses, treatment losses, and environmental mitigation. However significant uses must be reported if deducted and accounted for in a water conservation plan developed by the applicant/permittee which includes specific water conservation programs for each user or type of use, as described in the section "Deducted Water Uses Within the SWUCA", below. Within the Southern Water Use Caution Area, Adjusted Gross per capita daily water use is defined as withdrawals associated with residential, business, institutional, industrial, miscellaneous metered, and unaccounted uses. Permittees with per capita daily water use which is increased skewed by the demands of significant water uses can deduct these uses provided that these uses are separately accounted. However, they must be reported. The formula used for determining adjusted gross per capita is as follows:

$$\frac{WD + IM - EX - TL - SU - EM}{FP \text{ Population}}$$

Where:

- WD = ground water and surface water withdrawals
- IM = water imported/bought from another supplier
- EX = water exported/sold to other suppliers
- TL = treatment loss (typically R/O or sand filtration)
- SU = significant uses

- EM = environmental mitigation, if required as a District permit condition
- FP = functional population is the permanent population as adjusted by the seasonal resident, tourist, group quarters and commuter population within a utility's service area as determined in accordance with "Requirements for the Estimation of Permanent and Temporal Service Area Populations," dated ____ 2006, as set forth in Part D of the Basis of Review For Water Use Permit Applications. See the paragraph titled "SERVICE AREA FUNCTIONAL POPULATION ESTIMATES WITHIN THE SWUCA" below for further information.

~~Population = functional population~~

1-1-03, Amended ____

Changes proposed to Section 3.6, the new subsection titled "Significant Use Within The SWUCA" are shown to the proposed language in an underline and strikethrough format below:

Significant Use Within The SWUCA -Public supply utilities often supply water for non-residential customers. If this non-residential use complies with any of the following criteria (listed A through E below), the use may be termed a significant use by the applicant and be deducted from the utility's gross total water use prior to calculating their Compliance Per Capita Use. Whether or not any single significant use described in Part A below is deducted for compliance per capita calculation, all must be reported in the annual report. Golf course and multi-family residential use (whether classified by the utility as commercial customer or not) do not qualify as significant uses.

- A. Single Significant Use – A single significant use is an industrial/commercial (I/C) facility or other non-residential, non-governmental facility (which may consist of one or more buildings under common ownership, maintenance and management control at a single site or campus) that is supplied with greater than or equal to 25,000 gpd of water on an annual average basis (calculated for a calendar year), or whose water use comprises more than five percent of the utility's annual water use (calculated for a calendar year). Facilities that are not related under common ownership, maintenance and management control shall not be combined to meet a single significant use threshold. For reporting purposes, each single significant use shall be identified by customer name, and the annual gallons per day supplied to that customer shall be provided. If the 25,000 gpd criteria is used for facility, the five percent criteria may not also be used, and vice-versa.

This significant use deduction can be used in conjunction with the significant use deductions associated with regional government, higher education, and regional health care facilities as described in Parts C. and D. below. All of the water provided to businesses where water itself is the primary ingredient in the product can be added to these deductions.

Such businesses are described in E below.

Exclusions: This single significant use deduction shall not be used if the permittee:

1. Uses the District-Wide Percent I/C Use method described below, or
 2. Includes commuter population estimates in their service area population estimates.
- B. District-Wide Percent I/C Use – Utilities with a large number of I/C (industrial/commercial) accounts, ~~each of~~ which fall below the 25,000 gpd single significant use threshold or the five percent of total utility use threshold may combine these smaller uses and deduct the percent of their I/C use that is greater than the District-wide three-year average percent I/C use which will be available annually from the District. Documentation for this method shall include-completion and submittal to the District of the I/C Worksheet, contained in Part D, Appendix C, of the Basis of Review WUP Form No. ____ (mo, year) where commercial accounts are to be grouped by meter size, the total number of accounts shown as well as the total quantities supplied to each meter-size group. The deduction shall be calculated as follows:
- a. Sum the total actual use for these accounts and divide by the total Gross Water Use Form A of the Public Supply Per Capita Survey (supplied by the District) to determine the utility's percent I/C use.
 - b. From the Public Supply residential water use tables in the District's three most recently published "Estimated Water Use" reports, add the total for each of the three year's Public Supply District "Gross Use" and add each of the three year's District "I/C Use".
 - c. Divide the summed "I/C Use" by the summed "Gross Use" to derive the District-wide three-year average percent I/C use (to be referred to as the "District-Wide Percent I/C Use").
 - d. Compare the Permittee's percent I/C Use to the District-Wide Percent I/C Use. If the Permittees' percent is equal to or less than the District-Wide Percent I/C Use, no deduction may be taken. If the

Permittee's percent I/C use is higher, subtract the District-wide Percent I/C Use from the Permittee's percent I/C use to find the difference in percentages.

- e. Multiply the Permittee's Gross Use by the difference in percentages.

Example:

1. A permittee's Gross Use is 5 MGD, and their combined I/C Use is 1.5 MGD. Their percent I/C Use is $(1.5 \text{ MGD} / 5 \text{ MGD}) = 30\%$.
2. The sum of all Public Supply permittees' "Gross Use" for 2000, 2001, and 2002, as published in the District's 2000, 2001, and 2002 Estimated Water Use Reports, is 1,218 MGD, and the sum of all Public Supply permittees' "I/C Use" for the same three years is 283 MGD.
3. The District-wide Percent I/C Use is $(283 \text{ MGD} / 1,218 \text{ MGD}) = 23.2\%$.
4. The permittee's percent is higher, so $30\% - 23.2\% = 6.8\%$
5. $6.8\% \text{ times } 5 \text{ MGD} = 0.340 \text{ MGD}$.

The permittee may deduct 340,000 gpd from their total gross water use prior to calculating the compliance per capita water use.

Exclusions: This method of significant use calculation may not be used if the permittee:

1. Uses any other significant use deduction method, or
2. Includes commuter population in its estimate of service area functional population.
- C. Combined Regional Government and Higher Education Facilities – Some of the water provided to regional governmental or higher educational facilities (which may consist of one or more buildings under common ownership, maintenance and management) that are located inside the utility's service area but also serve persons who live outside of the utility's service area may be deducted. The name and use for each facility deducted must be provided. The deduction shall be calculated as follows:
 1. Add the gallons per day of water provided to all of these facilities.
 2. Using the most recent U.S. Census for the county, determine the percent of the permanent county population not living in the utility's service area.
 3. Multiply the percent of county residents who do not live within the utility's service area times the combined use of the facilities. The amount calculated can be deducted.

Note: City parks, recreation centers, public and private K-through-12 schools, city or town governmental facilities, local vocational-technological schools and other facilities which generally only serve the service area population shall be excluded. The following are examples of facilities for which the water provided may be partially deducted:

- a. Community colleges, colleges and universities (public or private), and
- b. County, state, and federal regional administrative and maintenance facilities, ~~and~~
- e. ~~County, state and federal prisons if Group Quarters population (as provided in the Census) is not calculated.~~

Exclusions: The water use of these facilities may not be deducted under the provisions of this section if the permittee:

- a. Uses the District-Wide Percent I/C Use method, or
- b. Includes commuter population estimates in service area population estimates.
- D. Individual Regional Health Facilities – Some of the water provided to health care facilities such as regional hospitals or specialty clinics (which may consist of one or more buildings at a single site or campus under common ownership, maintenance and management) that are inside the utility's service area but also serve persons living outside the utility service area boundaries may be deducted. The allowable deduction is calculated individually for each health care facility. It is the ratio of annual admissions with patient zip codes outside the service area to the total number of annual admissions times the water provided to the health care facility. The name and water use for each facility must be provided.

Exclusions: The water use of these facilities may not be deducted as an individual significant use under the provisions of this section if the permittee:

1. Uses the District-Wide Percent I/C Use method, or
2. Includes commuter population estimates in service area population estimates.
- E. Individual Industrial/Commercial Facilities Where Water is the Primary Ingredient of the Final Product – Individual facilities such as brewers, soft-drink bottlers, and juice reconstitution plants (which may consist of one or more buildings at a single site or campus under common ownership, maintenance and management) where water is the primary ingredient of the final product may deduct 100 percent of the water in the product.

The permittee may choose to also take single significant use deductions described in A. above or use commuter population in its estimate of the functional population, but not both.

Exclusions: The water use of such facilities cannot be deducted if the permittee uses the District-Wide Percent I/C Use method. Proposed amendments to Section 3.6, PUBLIC SUPPLY, the subsection titled "Deducted Water Uses Within The SWUCA" are now as follows:

Deducted Water Uses Within The SWUCA –

A water conservation plan and water survey specific to each business type (e.g., offices, restaurants, retail/wholesale, etc.) or group type (government or higher education) for each significant use type that is deducted as a significant use shall be provided in lieu of a water conservation plan for each individual I/C customer included pursuant to B. District-Wide Percent I/C Use, and C. Combined Regional Government and Higher Education Facilities above. This survey shall document the types of water uses that occur within the significant user's facility, the quantities associated with these uses, and any leak-detection or conservation activities undertaken by the user. ~~Environmental mitigation quantities permitted by the District and treatment losses such as desalination reject water and sand filtration backwash water shall be identified and reported separately, and shall not be included in the calculation of per capita use.~~ Water supplied to wholesale public supply customers that are not required to obtain a Wholesale Public Supply Water Use Permit shall be identified and reported separately, with a separate per-capita use calculated for each wholesale customer in addition to the wholesaler.

1-1-03, _____

Proposed amendments to Section 3.6, PUBLIC SUPPLY, the subsection titled "RESIDENTIAL WATER USE REPORTS WITHIN THE SWUCA" are now as follows:

RESIDENTIAL WATER USE REPORTS WITHIN THE SWUCA

Beginning January 1, 2003, public supply permittees in the SWUCA ~~Southern Water Use Caution Area~~ shall be required to annually report residential water use by type of dwelling unit, as required in "Annual Reports," items ~~2, 40, 41 and 42~~, below. Residential dwelling units shall be classified into single family, multi-family (two or more dwelling units), and mobile homes. Residential water use consists of the indoor and outdoor water uses associated with these classes of dwelling units, including irrigation uses, whether separately metered or not. The permittee shall document the methodology used to determine the number of dwelling units by type and their quantities used. Estimates of water use based upon meter size may be inaccurate and will not be accepted.

1-1-03, _____

Proposed amendments to Section 3.6, PUBLIC SUPPLY, the subsection titled "ANNUAL REPORTS WITHIN THE SWUCA" are now as follows:

ANNUAL REPORTS WITHIN THE SWUCA

Public supply utility permittees with a withdrawal point in the SWUCA, ~~Southern Water Use Caution Area~~, except those excluded by Rule 40D-2.801(b)(3), (5) and (6), F.A.C., whose permit requires the submittal of pumpage data shall submit the information specified below in an annual report covering the preceding calendar year. This report is due no later than ~~on~~ April 1.

Those public supply utility permittees with a permit for less than 100,000 gpd annual average quantities and who have an adjusted gross per capita rate less than 150 gpd ~~meet the applicable per capita requirements~~ are required to submit items 1 through 6 and items ~~10, 42~~ and 13 only.

1. Service area ~~Functional population served and methodology for determining service area~~ functional population (see related provision under the provisions of SERVICE AREA FUNCTIONAL POPULATION ESTIMATES WITHIN THE SWUCA below);
2. Significant deducted uses, the associated quantity, and conservation measures applied to these uses;
3. Total withdrawals (the permittee may use data from a master meter for this item);
4. Treatment losses;
5. Environmental mitigation quantities;
6. Sources and quantities of incoming and outgoing transfers of water and wholesale purchases and sales of water, with quantities determined at supplier's departure point;
7. A description of the current water rate structure;
8. Water audit report, if applicable;
9. Residential use information as follows:
 - ~~a.~~ The number of single family units served and their total water use;
 - ~~b. 40.~~ The number of multi-family units served and their total water use;
 - ~~c. 41.~~ The number of mobile homes served and their total water use, if not included in item a. or b. above;
 10. 42. The quantity of total reclaimed water or stormwater provided by the permittee for use on both a total annual average daily and monthly basis;
 - ~~11. 43.~~ For all individual customer reuse connections with line sizes of four inches or greater:
 - a. Account name and address;
 - b. Location of connection by latitude-longitude;
 - c. Line size;
 - d. Whether metered; and
 - e. Metered quantities if metered; and

12.14- Annual average daily quantity of unaccounted water and the percentage of unaccounted water relative to total withdrawals.

13.15- With every sixth yearly report, a current service area map in accordance with Section 2.5 of this Basis of Review.

1-1-03, _____

Changes proposed to Section 3.6, the new subsection titled “SERVICE AREA FUNCTIONAL POPULATION ESTIMATES WITHIN THE SWUCA” are shown to the proposed language in an underline and strikethrough format below:

SERVICE AREA FUNCTIONAL POPULATION ESTIMATES WITHIN THE SWUCA

Permittees required to submit service area functional population estimates in the SWUCA shall estimate both permanent resident, ~~and~~ temporal resident, and group quarter populations. ~~Estimation of~~ Service area tourist and net commuter population may be estimated as well. All estimates must be prepared in accordance with “Requirements for the Estimation of Permanent and Temporal Service Area Populations,” dated _____, 2006, as set forth in Part D of the Basis of Review For Water Use Permit Applications. Public supply permittees whose permit requires the submittal of pumpage data shall submit the applicable Worksheets from Part D and supporting documentation for calculations of per capita rates utilizing this standardized methodology beginning two years from [the effective date of the rule].

New _____

CHAPTER 4 OF THE BASIS OF REVIEW

The changes proposed to Section 4.3, in the new subsection titled “B. Withdrawals Within the SWUCA That Affect Minimum Flows and Levels Water Bodies”, the new paragraphs titled “GENERAL” are shown to the proposed language in an underline and strikethrough format below:

4.3 Minimum Flows and Levels

B. Withdrawals within the SWUCA That Affect Minimum Flows and Levels Water Bodies
GENERAL

In establishing Minimum Flows and Levels within the SWUCA as required by Section 373.042, F.S., and which are set forth in Chapter 40D-8, F.A.C., the District has determined that the actual flows and water levels for most of the water bodies for which Minimum Flows and Levels have been established are below the Minimum Flow and Level. The District is expeditiously implementing a recovery strategy for the SWUCA in keeping with the District’s legislative mandates pursuant to Sections 373.036, 373.0361, 373.0421 and 373.0831, F.S. The SWUCA provisions of Chapter 40D-2, F.A.C., the Basis of Review For Water Use Permit Applications. and Chapter 40D-80, F.A.C., set forth the regulatory portion of the recovery strategy for the SWUCA.

The District will conduct an annual assessment of water resource criteria and cumulative impacts and evaluate the status of the recovery strategy every five years prior to 2025, as provided in Rule 40D-80.074, F.A.C. Based on the annual assessment and five year evaluation, the District will ~~may~~ revise this Section 4.3 B. in accordance with 40D-80.074 as appropriate. Compliance with Section 4.3 B. does not, by itself, satisfy the requirements of Chapter 40D-2, F.A.C., for applications requesting new withdrawals submitted on or after [effective date of rule].

Changes proposed to Section 4.3, Minimum Flows and Levels, in the new subsection titled “B. Withdrawals within the SWUCA That Affect Minimum Flows and Levels Water Bodies”, in paragraph 3. “Applications For New Ground Water Quantities Submitted On Or After (effective date of rule), Below Minimum Flow or Level”, in subparagraphs c. Ridge Lakes and d. No Impact to Salt Water Intrusion Minimum Aquifer Level, are shown to the proposed language in an underline and strikethrough format below:

4.3 Minimum Flows and Levels

B. Withdrawals within the SWUCA that Affect Minimum Flows and Levels Water Bodies
Below Minimum Flow Or Level

3. Applications For New Ground Water Quantities Submitted On Or After (effective date of rule)
- c. Ridge Lakes and d. No Impact to Salt Water Intrusion Minimum Aquifer Level
- c. Ridge Lakes – If the above conditions are not met, the withdrawal shall ~~can~~ be authorized only if the applicant proposes to implement a Net Benefit as described in paragraph 4., below.
- d. No Impact to Salt Water Intrusion Minimum Aquifer Level., Upper Peace River and Ridge lakes – If the proposed withdrawal is determined to comply with 40D-2, F.A.C., and this Basis of Review, the withdrawal shall ~~can~~ be authorized.

Changes proposed to Section 4.3, Minimum Flows and Levels, in the new subsection titled “B. Withdrawals within the SWUCA That Affect Minimum Flows and Levels Water Bodies, Below Minimum Flow or Level”, in paragraph 3. “Applications For New Ground Water Quantities Submitted On Or After (effective date of rule), Below Minimum Flow or Level”, in subparagraph 4. “Net Benefits”, are shown to the proposed language in an underline and strikethrough format below:

4. Net Benefit

If an applicant must implement a Net Benefit to obtain the permit, a permit shall ~~can~~ be issued if the applicant provides reasonable assurance that implementation of its proposed Net Benefit will mitigate the predicted impacts by one of more of the options listed below.

The changes proposed to Section 4.3, Minimum Flows and Levels, in the new subsection titled "B. Withdrawals within the SWUCA That Affect Minimum Flows and Levels Water Bodies", in paragraph 3. "Applications For New Ground Water Quantities Submitted On Or After (effective date of rule), Below Minimum Flow or Level", in subparagraph 4. "Net Benefits", c. Ground Water Replacement Credit in the SWUCA paragraph (3) are shown to the proposed language in an underline and strikethrough format below:

- (3) The Supplier and Receiver shall apply to the District for the credit and ~~will~~ indicate to the District which entity should obtain the credit quantity, or whether the credit quantity will be divided between them or assigned to a third party. ~~To apply for a credit an entity must submit the Ground Water Replacement Credit Application Form No. XXX, WUP _____ which must be signed by all involved parties.~~

CHAPTER 6 OF THE BASIS OF REVIEW

Proposed amendments to Section 6.1, STANDARD PERMIT CONDITIONS, No. 19, are now as follows:

6.1 STANDARD PERMIT CONDITIONS

19. Within the SWUCA ~~Southern Water Use Caution Area~~, if the District determines that significant water quantity or quality changes, impacts to existing legal uses, or adverse environmental impacts are occurring, the permittee shall be provided with a statement of facts upon which the District based its determination and a opportunity to address the change or impact prior to a reconsideration by the Board of the quantities permitted or other conditions of the permit. ~~Board, upon reasonable notice to the permittee, including a statement of facts upon which the District based its determination, may reconsider the quantities permitted or other conditions of the permit as appropriate to address the change or impact, but only after an opportunity for the permittee to resolve or mitigate the change or impact or to request a hearing.~~

Proposed amendments to Section 6.6, SWUCA PERMIT CONDITIONS, Standard Condition are now as follows:

6.6 SWUCA PERMIT CONDITIONS

Standard Condition

Within the SWUCA ~~Southern Water Use Caution Area~~, if the District determines that significant water quantity or quality changes, impacts to existing legal uses, or adverse environmental impacts are occurring, the permittee shall be provided with a statement of facts upon which the District based its determination and an opportunity to address the change or impact prior to a reconsideration by the Board of the quantities permitted or other conditions of the permit. ~~Board, upon reasonable notice to the permittee, including a statement~~

~~of facts upon which the District based its determination, may reconsider the quantities permitted or other conditions of the permit as appropriate to address the change or impact but only after an opportunity for the permittee to resolve or mitigate the change or impact or to request a hearing.~~

1-1-03, _____

PART D OF THE BASIS OF REVIEW

Requirements for the Estimation of Permanent and Temporal Service Area Populations in the Southern Water Use Caution Area

List of Acronyms and Definitions

The following Acronym and Definition is added:

CHOUSUNITS – Census total housing units – data from the most recent decennial Census (2000 Census SF1 File, Variable H001001/American Factfinder Table H1, or equivalent data for subsequent Census)

Changes proposed to new Part D, to the new proposed language, are shown in an underline and strikethrough format below:

- 2.2 Complete Worksheet C (Households & Group Quarters) by selecting the appropriate Census blocks and data to represent the retail water service area. Data shall be collected for blocks totally within and partially within the service area. The selection of Census blocks and data must be in accordance with Section 2.1 of Appendix A. Data sources are provided in Section 2.2 of Appendix A. Census geography identifier and county codes are defined in Section 2.3 of Appendix A. For each selected block, enter the following most recent Census data.
- Census county name or code
 - Census tract number
 - Census block number
 - Census Population in Households (CPOPNNH)
 - Census Households (CHH)
 - Census Group Quarters Population (CGRUPPOP)
 - Census Housing Units (CHOUSUNITS)
- Sum the data for CPOPNNH, CHH and CGRUPPOP and enter the appropriate sums under "CPOPNNH", "CHH", ~~and~~ "CGRUPPOP", and CHOUSUNITS in Section 2 of Worksheet B. Utilities with large numbers of Census blocks in the service area may submit an electronic file such as a spreadsheet or the output of a database or statistical analysis software in lieu of Worksheet C so long as the utility and Census geographies are clearly identified, the same data are reported, and the data are clearly labeled.
- 2.3 Complete Worksheet D
- District-Provided Seasonal and Permanent Resident Population Data: Estimated Census year peak seasonal and permanent resident population by ZCTA are available from the District's website

or, if access to the website is not available or sufficient, from the District's Planning Department, for the calculation of the SEASRR. Compare the service area to Geographic ZIP Code or ZCTA maps. See Section 3.2.1 of Appendix A for ZCTA map sources if not using geographic mapping software. Census ZCTAs are generally congruent with Geographic ZIP Codes. Where they are not, the District has assigned such new Geographic ZIP Codes to appropriate ZCTAs. Select the appropriate ZCTAs to represent the retail water service area in accordance with the provisions of Section 3.2.2 of Appendix A. Data from ZCTAs that are completely within the service area shall be utilized in the calculation of the SEASRR. If a service area is entirely within a ZCTA, then only the data from that ZCTA shall be used in the calculation of the SEASRR. For ZCTAs that are partially within the service area, any utility may use the 34% housing unit selection criteria described in i. below and Section 3.2.3 of Appendix A. Only small utilities may use the billing ZIP Code analysis methodology described in ii., below, and Section 3.2.4 of Appendix A.

- i. 34% Housing Unit ZCTA Selection Criteria: For those using the 34% selection method to determine whether ZCTAs that are partially in the service area must be included, complete Worksheet E by entering the ZCTA number, and then the total Census number of housing units (CHOUSUNITS) in the ZCTA under "A." See Section 3.2.3 of Appendix A for Census housing unit data sources. Enter the number of Census housing units for each Census block that is both in the service area and the ZCTA under "B". If the sum of the housing units from blocks both in the service area and the ZCTA ("C") divided by the total the total housing units in the ZCTA ("A") is equal to or greater than 0.34, then the estimated seasonal and permanent resident data from that ZCTA shall be used in the calculation of the SEASRR on Worksheet D (along with data from any ZCTAs that are wholly within the service area).

3.2 Completion of Worksheet G – Part 2 (Tourist Lodging Tax Method)

In Section a. of Part 2, enter the monthly or average monthly (annual divided by 12) tourist accommodations tax collections and the tourist accommodations tax rate for the area approximately congruent with the retail service area. See Section 5.2 of Appendix A for information on tax data availability and average daily room rates. The tax rate should

be entered for each month even if the rate does not change. Calculate the monthly room revenue as indicated in the formula. Next enter the average daily room rate for each month or the average annual daily room rate. Next, calculate the total room days per month as indicated in equation. Sum the monthly room days and enter the result under "L".

In Section b. of Part 2, select the average guests per room as in Section c. of Part 1. Enter the selected value under "M". See Section 5.1.3 of Appendix A for information on values.

- 4.2 Complete Worksheet I by entering District-provided net commuter and population in households data for tracts entirely within the service area and those partial tracts meeting the 34% criteria in Worksheet H.

Continuing with Worksheet I, sum the net commuters by Census tract and enter the result under "A". Enter the corresponding Census housing units population in households by tract and sum the results under "B". Calculate the ratio of net commuters to Census housing units population in households as indicated in the equation for "C".

Estimate the number of net commuters for the service area as indicated in the equation for "D". The RESUNITS PERMPOP (PERMANENT RESIDENT POPULATION OF THE SERVICE AREA) (residential units served for the year of interest) is copied from Section 19 of Worksheet B.

Appendix A to Part D

Population Data Sources, Details & Examples For Worksheets A-I

Changes proposed to new Appendix A to Part D, to the new proposed language, are shown in an underline and strikethrough format below:

Table of Contents

1.0	Worksheet A: Residential Account Housing	A-4
1.1	Utility Data Required	A-4
2.0	Worksheet C: Households, and Group Quarters and Housing Units	A-4
1.	Worksheet A: Residential Account Housing	
1.1	Utility Data Required	

The number of actual or equivalent residential account housing units served in April of the year of interest for the retail water service area. Data from a month other than April may be used if included in regularly produced utility reports. However, data from the same month must be used on a consistent basis from year to year.

Equivalent housing units for master-metered residential accounts must be an actual count or must be estimated using Worksheet A (Residential Account Housing Unit Estimation Worksheet) and shall not include any accounts other than those that serve residential housing. No irrigation (residential or otherwise), commercial, industrial, institutional, government, etc. accounts shall be included. Nursing home, prison, dormitory, etc., populations shall be calculated according to the requirements for estimating group quarters population, as

specified in Section 2.11. The number of meters by customer class and size, and all other utility furnished data shall be documented.

2. Worksheet C: Households, ~~and~~ Group Quarters and Housing Units

2.1 Census Data Required¹

For the Census blocks which fall either entirely or partially within the current retail water service area, the following most recently available decennial Census data must be used:

- Population in households (for the 2000 Census, data set SF1, table P16, or equivalent),
- Households (for the 2000 Census, data set SF1, table P15 or equivalent), and
- Group quarters population (for the 2000 Census, data set SF1, table P27 or equivalent)
- Housing units (for the 2000 Census, data set SF1, table H1 or equivalent)

3.2 District-Provided Hospital Admissions to Generate Seasonal Population Data

Development of Hospital Admissions Data if Not Available from District – The Census year estimated seasonal population for the service area ZIP codes/ZCTAs is estimated as the 3-year average of the non-negative differences between 1st quarter and 3rd quarter emergency admissions for the 55 – 84 age group divided by an assumed District-wide admissions incidence (probability). The three years used to calculate the average difference shall be the year before the Census (Census – 1), the year of the Census (Census), and the year after the Census (Census + 1).

The first quarter of the year is when most seasonal residents reside in Florida and the third quarter is when the least reside in the State. The 55 – 84 age group is reflective of the age characteristics of the seasonal resident population.

The District-prescribed admissions incidence for seasonal residents is based on third quarter emergency hospital admissions for the age group 45 35 – 74 64. The emergency admissions incidence for seasonal residents is based on a younger age group because both anecdotal evidence and research indicate that the seasonal resident population is generally healthier than the equivalent age resident permanent resident population. The incidence is calculated as the 3-year average of 3rd quarter emergency admissions for the 45 35 –

1. See Section 3.2 for potential additional Census data requirements.

74 64 age group divided by the Census year total 45 35 – 74 64 age group population for the ZIP codes and ZCTA's in the District. Again, the three years used to estimate the average Census year admissions for this incidence are Census – 1, Census, and Census + 1. For the 2000 Census, the District-wide 45 35 – 74 64 emergency admissions incidence to be used in estimating the Census year seasonal resident population is 0.015302 ~~0.011656~~.

3.2.3 Worksheet E: Partial ZCTA Selection – 34% Housing Unit ZCTA Selection Criteria

“34%” Partial ZCTA Selection Example

Comparing a service area map to ZCTA maps reveals that ZIP Codes 335X1 and 335X3 are clearly within Acme Utility's service area. A good bit of ZIP code 335X2 also appears to be in the service area. A small portion of 335X5 appears to be in the service area. Should 335X2 and 335X5 be included? Selecting all the Census blocks in 335X2 that are totally or partially within the service area results in 2,462 housing units. The total number of housing units in ZCTA 335X2 is 4,774. Selecting all the Census blocks wholly or partially ~~entirely~~ in ZCTA 335X5 results in 1,231 housing units. The total number of housing units in ZCTA 335X5 is 3,817.

Partial ZIP Code	Housing Units In Service Area	Total Housing Units In ZCTA	Percent ZCTA Housing Units in Service Area	Include?
335X2	2,462	4,774	51.6%	Yes
335X5	1,231	3,817	32.3%	No

3.2.4 Worksheet F-Small Service Area ZIP Code Selection Step 2 – As it is very unlikely that the sum of Census block populations in households for the selected Census blocks will exactly match to totals in ~~the above Table A1 below~~, the minimum average annual third quarter admissions thresholds will have to be extrapolated as in ~~the Step 2b of Worksheet F and the~~ interpolation example below.

3.2.5 Example Calculation of Peak Seasonal Resident Ratio (SEASRR) – District Provided Data

The results of the following example Worksheet D Part 1 Peak Seasonal Resident Ratio will be used in subsequent Worksheet B example calculations.

Example Calculation of Estimated Census Year Peak Seasonal Resident Ratio

ZIP Codes/ZCTAs	Average Annual Three-Year Sum of 3rd Quarter Admissions by ZIP/ZCTA only if Small Service Area Partial ZCTA Selection Criteria Used	ZIP Code/ZCTA Estimated Census Year Peak Seasonal Resident Population	Census Year ZCTA Permanent Population
335X1	163	1,687 1,687.256921	16,814
335X2	279	829 829.3296728	21,552
335X3	196	1,001 1,000.915122	25,920
Sum Seasonal (B) & Permanent (C) Populations		Sum of B = E 3,517	Sum of C = F 64,286

$$\text{Peak Seasonal Resident Ratio (SEASRR)} = (E + F) / F = \frac{1.0547}{1.05471645}$$

4.11 Worksheet B Section 13 – Calculation of Group Quarters Population

Calculate the ratio of Census group quarters population (CGRUPPOP) to Census housing units (CHOUSUNITS) ~~population in households (CPOPNIH)~~ for the Census blocks wholly or partially within the service area. This ratio is then applied to the residential units served permanent resident population for the year of interest (RESUNITS) (~~PERMPOP~~) from Section 19 of Worksheet B. Permittees may also elect to survey group quarters population customers to determine the service area group quarters population. The survey must be conducted in accordance with the minimum sample size requirements of Appendix B of this document and the population must be estimated in a manner consistent with the Census definition of group quarters population. Since group quarters population is included in the service area population, the permittee may not treat group quarters accounts as commercial for purposes of deducting significant uses pursuant to “PER CAPITA WATER USE IN THE SWUCA,” Section 3.6 of the Basis of Review. Group quarters population for the year of interest (GRUPPOP) shall be calculated as follows:
(Census group quarters population/Census housing units population in households) x residential units served permanent resident population for the year of interest = GRUPPOP

Example:

$$(CGRUPPOP / CHOUSUNITS) \times RESUNITS \times PERMPOP = GRUPPOP$$

$$= (300 / 15,000 \times 32,500) \times 17,746 \times 41457 = 355,383$$

4.12 Worksheet B Section 14 – Calculation of Total Required Water Service Area Functional Populations for the Year of Interest (REQPOP)

The required service area population that must be submitted is the sum of the estimated permanent resident population (PERMPOP), functional seasonal resident population (FSEASPOP), and group quarters population for the year of interest (GRUPPOP). This calculation creates a functional population for the service area composed of functional seasonal, and permanent residents.

REQPOP Example:

$$PERMPOP + FSEASPOP + GRUPPOP = REQPOP = 41,457 + 41,232 + 1,754 + 743 + 355,383 = 43,566 + 43,594$$

5.1 Public Lodging Data Method

Functional tourist population in public lodging shall be calculated by multiplying the number of public lodging rooms within the service area times the average annual or monthly occupancy rate(s) times an average number of guests per room. Submitted lodging room inventory, monthly occupancy rate, and guests per room data shall be no more than six years old. Documentation shall be provided listing the facilities and their numbers of rooms.

5.1.1 Inventory of Service Area Public Lodging Rooms
For public lodging facilities such as hotels/motels, RV parks/campgrounds and short-term rental condominiums, “rooms”, “sites”, and “units” are used interchangeably. The number of available rooms in the service area shall be obtained from the Florida Department of Business and Professional Regulation (DBPR), local convention/visitor bureaus (if tailored to the service area), utility billing records or a survey of utility lodging customers (see Section 5.1.4 of this Appendix). The District intends to provide a periodically

updated electronic map of lodging facilities and numbers of rooms on its website. This file can be used with geographic information systems to determine the number of facilities and lodging units within a utility service area.

If not available from the District, the number of available public lodging rooms in the service area may be derived from data on the DBPR website (www.myflorida.com/dbpr/). The website provides information on the number of rooms along with the business name and location address that can be used to determine whether the lodging facility is located in the service area. Facilities are coded by type. The DBPR lodging facility codes to be used estimating available rooms are: 2001 (hotels), 2002 (motels), 2005 (bed and breakfast), 2006 (resort condominiums) and 2007 (resort dwellings). Note: If resort condominiums and dwellings are included in the utility's residential customer classes and are counted as public lodging units for tourist population estimation, then the number of such units shall be deducted from the dwelling unit counts in Worksheet A.

5.1.2 Average Annual Monthly Occupancy Rate

If monthly occupancy rates are not available from utility customer/consultant surveys, existing studies or sources such as conventions/visitor bureaus, the average monthly occupancy rate shall be calculated by averaging the monthly, quarterly or seasonal occupancy rates according to the available data. The average annual occupancy rate may also be used as the monthly occupancy rate. The shortest available duration occupancy rate data shall be utilized. Only data from source studies that include the service area shall be utilized. The geographic scope of average annual daily occupancy rate studies shall be no larger than county-wide unless the data are from a regional convention/visitors bureau. The example below shows the calculation of the average annual monthly occupancy rate from data other than utility lodging customer survey data. See Section 5.1.4 of this Appendix for an example of the calculation of occupancy rates from customer survey data.

6.0 Worksheets H & I – Functional Net Commuter Population (Optional)

The number of net commuters is then divided by the sum of Census housing units permanent population in households for the selected tracts. This results in a ratio of net commuters to total housing units permanent population in households (or percentage of population in households that are net commuters). This ratio is then applied to the Residential Permanent units served Population for the Year of Interest (RESUNITS) (PERMPOP) as calculated in Section 14.7 of this Appendix to estimate the year of interest net commuter population. The population is then multiplied by 8/24 (0.333) and 5/7 (0.714) to account for the length of the workday and the workdays of the week, respectively, to form a functional net commuter population.

6.3 If Not Using District Provided Commuter Data – Commuter Population and Population in Households Data to Be Collected Housing unit Population in households data (for the 2000 Census, data set SF1, table H1 P16, or equivalent) shall be collected for the selected tracts. Note: housing unit population in households data are not found in the CTPP but are found with regular Census data. See Section 2.1 of this Appendix.

6.4 Worksheet I – Calculation of Functional Net Commuter Population for the Year of Interest (FNETCOM)

The calculation of the net commuter population requires several steps. These are listed below. If using District-provided data, skip steps a, b, and c.

- a. *This step required only if not using District-provided net commuter data.* Sum the number of workers per tract from the CTPP Part III table 1 listing the number of workers per workplace census tract (QPOWTRACT). This total represents the number of workers that *work* in the service area tracts.
- b. *This step required only if not using District-provided net commuter data.* Sum the total number of resident workers per tract from the CTPP Part III table 1 listing the number of resident workers per residence census tract (TRACT). This total represents the number of workers that *live* in the service area tracts.
- c. *This step required only if not using District-provided net commuter data.* Subtract the total workers that live in the service area tracts (as determined in b. above) from the total workers that work in the service area tracts (as determined in a. above) to determine the total net commuter population for the service area. Enter the total under “A” in Worksheet I, or
- d. *Sum the District-provided net commuters by Census tract in Worksheet I under “A.”*
- e. Sum the Census housing units populations in households for the selected service area tracts under “B”.
- f. Divide the total net commuter population for the service area tracts (as determined in c. above or from District provided data in d) by the sum of the Census housing units populations in households for the selected tracts (as determined in e. above from Census sources or from District provided data). This ratio represents the ratio of net commuters to total housing units for the Census year (“C”) populations in households.
- g. Apply the ratio calculated in f. above to the residential units served Permanent Resident Population for the Year of Interest (RESUNITS) (as determined in Worksheet A) (PERMPOP) Section 9 of B to determine the year of interest net commuter

population. The net commuter population is assumed to grow in proportion with the service area housing units served ~~permanent resident population~~.

- h. As net commuters generally spend eight hours per day for five days in the service area, the net service area commuter population for the year of interest is reduced by factors of 8/24 hours (.333) and 5/7 days (.714) to estimate functional net commuter population for the year of interest (FNETCOM). The FNETCOM is then added to the total required functional population for the year of interest (REQPOP) and any other optional populations.

Example Functional Net Commuter Population Calculations for Year of Interest

Assume that the service area is located in County 000 and tracts 012600 and 013001 are selected to represent the service area. CTP Part III worker and resident worker data by tract is listed below. Further assume that the sum of the Census housing units (CHOUSUNITS) ~~population in households~~ for the two tracts is 15,000 ~~2400~~. Finally, assume that the residential units served ~~Permanent Resident Population~~ for the Year of Interest (RESUNITS) (~~PERMPOP~~) is 17,746 ~~2,600~~. Note: TRACT = TRACT: Census Tract Code and QPOWTRACT = QPOWTRACT: Workplace Census Tract Code.

Example Table 1. Workers

QPOWCO (work county)	QPOWTRACT (work tract)	TRACT (residence tract)	TAB301X1 (workers)
000	012600	012600	250
000	013001	012600	75
000	012600	013001	70
000	013001	013001	100
000	012600	013002	90
000	013001	013002	40
000	013001	013003	150
		TOTAL	775

Example Table 2. Resident Workers

COUNTY (residence county)	TRACT (residence tract)	QPOWTRACT (work tract)	TAB301X1 (workers)
000	012600	012600	250
000	012600	012800	75
000	012600	013001	75
000	013001	012600	70
000	013001	012800	25
000	013001	013001	100
		TOTAL	595

Net commuters in tracts 012600 and 013001 = 775 – 595 = 180
(or use District-provided net commuter population by tract)

Ratio of net commuters to selected tracts Census housing units
~~population in households~~ = 180/15,000 ~~2400~~ = .012 ~~.075~~

Net commuter population for year of interest = .012 ~~.075~~ x
RESUNITS ~~PERMPOP~~ = .012 ~~.075~~ x 17,746 ~~2,600~~ = 213 ~~195~~

Functional net commuter population for year of interest =

$$FNETCOM = 213 ~~195~~ \times .333 \times .714 = 51 ~~46~~$$

The Supplement to Appendix A, Appendix C and Appendix D are substituted in their entirety as set forth below. It is not possible to show underlines and strikethroughs in these Excel files.

OPTIONAL NET COMMUTER DATA

DRAFT 9/7/2006

Southern Water Use Caution Area

Supplement To
APPENDIX A
Population Data Sources, Details & Examples
For Worksheets A-I

Planning Department
Southwest Florida Water Management District



Charlotte County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT

9/7/2006

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Charlotte	10100	101	985	1,124	-139	1,487
Florida	Charlotte	10200	102	693	1,675	-982	2,767
Florida	Charlotte	10300	103	9,263	2,268	6,995	4,414
Florida	Charlotte	10400	104	1,574	2,324	-750	6,315
Florida	Charlotte	10500	105	2,296	2,742	-446	4,812
Florida	Charlotte	20100	201	1,863	3,673	-1,810	5,267
Florida	Charlotte	20201	202.01	552	2,951	-2,399	2,814
Florida	Charlotte	20202	202.02	446	3,124	-2,678	2,946
Florida	Charlotte	20301	203.01	3,034	1,641	1,393	2,529
Florida	Charlotte	20302	203.02	2,916	1,435	1,481	1,530
Florida	Charlotte	20303	203.03	786	2,003	-1,217	2,192
Florida	Charlotte	20400	204	1,080	2,256	-1,176	2,875
Florida	Charlotte	20500	205	356	2,385	-2,029	3,208
Florida	Charlotte	20600	206	2,063	2,305	-242	3,360
Florida	Charlotte	20700	207	4,679	1,270	3,409	2,805
Florida	Charlotte	20800	208	385	1,689	-1,304	2,252
Florida	Charlotte	20900	209	779	2,229	-1,450	2,546
Florida	Charlotte	21000	210	4,358	1,970	2,388	4,836
Florida	Charlotte	30100	301	232	2,229	-1,997	2,564
Florida	Charlotte	30200	302	965	2,864	-1,899	3,180
Florida	Charlotte	30300	303	2,989	1,668	1,321	5,863
Florida	Charlotte	30400	304	911	1,061	-150	3,627
Florida	Charlotte	30500	305	1,113	2,601	-1,488	5,569

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

DeSoto County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT 9/7/2006

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Desoto	980100	9801	143	2,614	-2,471	3,552
Florida	Desoto	980200	9802	484	1,863	-1,379	1,686
Florida	Desoto	980300	9803	270	3,691	-3,421	3,013
Florida	Desoto	980401	9804.01	315	2,203	-1,888	2,762
Florida	Desoto	980402	9804.02	350	2,130	-1,780	2,595

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

Hardee County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT 9/7/2006

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Hardee	970100	9701	389	3,106	-2,717	2,895
Florida	Hardee	970200	9702	343	2,007	-1,664	2,280
Florida	Hardee	970300	9703	628	2,425	-1,797	2,395
Florida	Hardee	970400	9704	403	2,292	-1,889	2,250

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

Highlands County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT

9/7/2006

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Highlands	960100	9601	1,227	2,573	-1,346	4,691
Florida	Highlands	960200	9602	1,231	1,470	-239	2,191
Florida	Highlands	960300	9603	975	1,676	-701	1,921
Florida	Highlands	960400	9604	345	2,263	-1,918	2,435
Florida	Highlands	960500	9605	986	1,471	-485	3,747
Florida	Highlands	960600	9606	355	2,241	-1,886	4,279
Florida	Highlands	960700	9607	373	1,235	-862	2,047
Florida	Highlands	960800	9608	1,348	995	353	1,282
Florida	Highlands	960900	9609	536	1,001	-465	1,518
Florida	Highlands	961000	9610	494	1,356	-862	2,332
Florida	Highlands	961100	9611	1,326	909	417	2,113
Florida	Highlands	961200	9612	1,510	1,447	63	2,552
Florida	Highlands	961300	9613	2,576	3,153	-577	5,312
Florida	Highlands	961400	9614	591	1,311	-720	2,470
Florida	Highlands	961500	9615	620	1,469	-849	2,852
Florida	Highlands	961600	9616	1,770	2,583	-813	4,088
Florida	Highlands	961700	9617	885	2,022	-1,137	3,016

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

Hillsborough County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Hillsborough	100	1	8,820	3,739	5,081	3,390
Florida	Hillsborough	200	2	2,320	3,404	-1,084	3,543
Florida	Hillsborough	300	3	1,462	2,925	-1,463	2,780
Florida	Hillsborough	401	4.01	1,267	1,029	238	969
Florida	Hillsborough	402	4.02	1,913	885	1,028	1,249
Florida	Hillsborough	500	5	921	1,848	-927	1,684
Florida	Hillsborough	600	6	1,707	3,136	-1,429	3,039
Florida	Hillsborough	700	7	605	2,128	-1,523	2,354
Florida	Hillsborough	800	8	860	1,543	-683	1,407
Florida	Hillsborough	900	9	882	3,156	-2,274	3,226
Florida	Hillsborough	1000	10	2,998	2,657	341	2,872
Florida	Hillsborough	1100	11	532	1,178	-646	1,051
Florida	Hillsborough	1200	12	479	1,127	-648	1,220
Florida	Hillsborough	1300	13	2,071	2,192	-121	2,420
Florida	Hillsborough	1400	14	646	1,686	-1,040	1,826
Florida	Hillsborough	1500	15	461	1,366	-905	1,212
Florida	Hillsborough	1600	16	732	1,185	-453	1,010
Florida	Hillsborough	1700	17	1,883	1,803	80	1,878
Florida	Hillsborough	1800	18	949	1,103	-154	1,390
Florida	Hillsborough	1900	19	1,370	880	490	1,011
Florida	Hillsborough	2000	20	404	853	-449	925
Florida	Hillsborough	2100	21	463	1,167	-704	1,194
Florida	Hillsborough	2200	22	1,039	944	95	852
Florida	Hillsborough	2300	23	1,050	1,633	-583	1,438
Florida	Hillsborough	2400	24	1,550	1,626	-76	1,903
Florida	Hillsborough	2500	25	9,955	2,826	7,129	2,926
Florida	Hillsborough	2600	26	20,867	784	20,083	785
Florida	Hillsborough	2700	27	4,600	2,710	1,890	2,986
Florida	Hillsborough	2800	28	352	1,343	-991	1,358
Florida	Hillsborough	2900	29	631	751	-120	919
Florida	Hillsborough	3000	30	448	875	-427	1,233
Florida	Hillsborough	3100	31	692	736	-44	1,244
Florida	Hillsborough	3200	32	240	685	-445	1,008
Florida	Hillsborough	3300	33	274	530	-256	884
Florida	Hillsborough	3400	34	943	660	283	1,160
Florida	Hillsborough	3500	35	741	741	0	996
Florida	Hillsborough	3600	36	2,975	1,101	1,874	1,275
Florida	Hillsborough	3700	37	10,915	591	10,324	682
Florida	Hillsborough	3800	38	2,261	473	1,788	601
Florida	Hillsborough	3900	39	4,887	466	4,421	843
Florida	Hillsborough	4000	40	240	223	17	519
Florida	Hillsborough	4100	41	313	274	39	574
Florida	Hillsborough	4200	42	1,318	546	772	485
Florida	Hillsborough	4300	43	794	442	352	1,281

Florida	Hillsborough	4400	44	672	620	52	903
Florida	Hillsborough	4500	45	1,134	1,266	-132	1,562
Florida	Hillsborough	4600	46	30,458	1,075	29,383	1,095
Florida	Hillsborough	4700	47	5,787	1,396	4,391	1,435
Florida	Hillsborough	4800	48	4,899	1,756	3,143	1,877
Florida	Hillsborough	4900	49	2,695	1,995	700	1,930
Florida	Hillsborough	5000	50	6,341	662	5,679	1,071
Florida	Hillsborough	5101	51.01	35,934	142	35,792	303
Florida	Hillsborough	5102	51.02	1,651	1,119	532	1,112
Florida	Hillsborough	5300	53	4,658	819	3,839	817
Florida	Hillsborough	5400	54	4,702	3,006	1,696	2,699
Florida	Hillsborough	5500	55	3,595	1,066	2,529	1,158
Florida	Hillsborough	5700	57	4,079	2,460	1,619	2,406
Florida	Hillsborough	5800	58	4,090	2,303	1,787	2,101
Florida	Hillsborough	5900	59	6,009	2,446	3,563	2,230
Florida	Hillsborough	6000	60	2,109	2,529	-420	2,290
Florida	Hillsborough	6100	61	2,790	3,974	-1,184	4,257
Florida	Hillsborough	6200	62	1,160	1,932	-772	1,645
Florida	Hillsborough	6300	63	913	1,940	-1,027	1,561
Florida	Hillsborough	6400	64	574	1,862	-1,288	1,529
Florida	Hillsborough	6500	65	1,489	3,312	-1,823	3,818
Florida	Hillsborough	6600	66	1,907	1,788	119	1,970
Florida	Hillsborough	6700	67	1,953	2,826	-873	2,438
Florida	Hillsborough	6801	68.01	678	2,172	-1,494	2,045
Florida	Hillsborough	6802	68.02	664	1,634	-970	1,528
Florida	Hillsborough	6900	69	306	2,649	-2,343	2,231
Florida	Hillsborough	7000	70	2,205	2,847	-642	2,683
Florida	Hillsborough	7100	71	2,015	3,417	-1,402	2,864
Florida	Hillsborough	7200	72	760	1,399	-639	1,328
Florida	Hillsborough	7300	73	8,350	1,354	6,996	638
Florida	Hillsborough	10103	101.03	876	1,720	-844	1,450
Florida	Hillsborough	10105	101.05	280	1,849	-1,569	1,412
Florida	Hillsborough	10106	101.06	986	2,447	-1,461	1,693
Florida	Hillsborough	10107	101.07	277	984	-707	1,944
Florida	Hillsborough	10108	101.08	145	630	-485	745
Florida	Hillsborough	10203	102.03	558	903	-345	924
Florida	Hillsborough	10204	102.04	435	1,992	-1,557	1,508
Florida	Hillsborough	10205	102.05	238	2,390	-2,152	1,871
Florida	Hillsborough	10206	102.06	70	1,120	-1,050	1,192
Florida	Hillsborough	10207	102.07	1,180	2,925	-1,745	2,536
Florida	Hillsborough	10208	102.08	261	1,105	-844	936
Florida	Hillsborough	10303	103.03	506	1,188	-682	1,256
Florida	Hillsborough	10304	103.04	463	1,528	-1,065	1,276
Florida	Hillsborough	10305	103.05	2,295	1,180	1,115	1,113

Florida	Hillsborough	10401	104.01	327	3,007	-2,680	2,486
Florida	Hillsborough	10402	104.02	9,549	2,212	7,337	1,861
Florida	Hillsborough	10500	105	3,836	3,316	520	3,250
Florida	Hillsborough	10600	106	673	1,135	-462	1,169
Florida	Hillsborough	10701	107.01	3,244	3,024	220	2,383
Florida	Hillsborough	10702	107.02	1,088	1,562	-474	1,266
Florida	Hillsborough	10803	108.03	4,191	4,502	-311	4,415
Florida	Hillsborough	10804	108.04	5,417	5,911	-494	5,212
Florida	Hillsborough	10805	108.05	1,339	1,355	-16	1,716
Florida	Hillsborough	10806	108.06	6,239	3,411	2,828	4,059
Florida	Hillsborough	10807	108.07	1,161	2,562	-1,401	3,587
Florida	Hillsborough	10808	108.08	602	1,396	-794	1,717
Florida	Hillsborough	10900	109	11,024	97	10,927	8
Florida	Hillsborough	11003	110.03	1,877	2,404	-527	2,347
Florida	Hillsborough	11005	110.05	403	988	-585	750
Florida	Hillsborough	11006	110.06	593	2,484	-1,891	1,737
Florida	Hillsborough	11007	110.07	544	1,546	-1,002	1,175
Florida	Hillsborough	11008	110.08	3,082	1,954	1,128	1,563
Florida	Hillsborough	11009	110.09	537	1,273	-736	1,533
Florida	Hillsborough	11010	110.1	307	1,566	-1,259	1,342
Florida	Hillsborough	11011	110.11	2,864	4,311	-1,447	3,507
Florida	Hillsborough	11103	111.03	515	1,622	-1,107	1,198
Florida	Hillsborough	11104	111.04	288	838	-550	691
Florida	Hillsborough	11105	111.05	125	742	-617	484
Florida	Hillsborough	11106	111.06	34	1,231	-1,197	1,067
Florida	Hillsborough	11107	111.07	1,555	3,086	-1,531	2,426
Florida	Hillsborough	11108	111.08	899	522	377	911
Florida	Hillsborough	11203	112.03	299	1,916	-1,617	1,633
Florida	Hillsborough	11204	112.04	1,622	3,222	-1,600	2,764
Florida	Hillsborough	11205	112.05	538	1,253	-715	1,228
Florida	Hillsborough	11206	112.06	1,120	1,194	-74	1,344
Florida	Hillsborough	11301	113.01	2,187	1,571	616	1,205
Florida	Hillsborough	11302	113.02	2,617	4,254	-1,637	3,655
Florida	Hillsborough	11406	114.06	810	4,854	-4,044	3,903
Florida	Hillsborough	11407	114.07	1,685	1,140	545	1,204
Florida	Hillsborough	11408	114.08	461	1,541	-1,080	1,063
Florida	Hillsborough	11409	114.09	2,232	1,504	728	1,321
Florida	Hillsborough	11410	114.1	1,364	2,938	-1,574	1,910
Florida	Hillsborough	11411	114.11	141	679	-538	406
Florida	Hillsborough	11412	114.12	2,009	1,232	777	1,012
Florida	Hillsborough	11413	114.13	270	2,702	-2,432	2,094
Florida	Hillsborough	11414	114.14	604	2,364	-1,760	1,730
Florida	Hillsborough	11415	114.15	626	2,362	-1,736	1,755
Florida	Hillsborough	11416	114.16	2,210	3,754	-1,544	2,792

Florida	Hillsborough	11504	115.04	451	995	-544	821
Florida	Hillsborough	11505	115.05	2,874	3,197	-323	2,562
Florida	Hillsborough	11506	115.06	289	2,026	-1,737	1,565
Florida	Hillsborough	11507	115.07	529	2,308	-1,779	1,834
Florida	Hillsborough	11508	115.08	417	1,795	-1,378	1,343
Florida	Hillsborough	11509	115.09	360	2,429	-2,069	1,638
Florida	Hillsborough	11510	115.1	153	530	-377	471
Florida	Hillsborough	11511	115.11	789	3,897	-3,108	3,367
Florida	Hillsborough	11512	115.12	267	1,514	-1,247	1,114
Florida	Hillsborough	11513	115.13	1,312	3,182	-1,870	2,651
Florida	Hillsborough	11514	115.14	459	3,421	-2,962	2,122
Florida	Hillsborough	11515	115.15	693	2,209	-1,516	1,360
Florida	Hillsborough	11516	115.16	990	1,226	-236	884
Florida	Hillsborough	11603	116.03	581	2,145	-1,564	1,516
Florida	Hillsborough	11605	116.05	14,636	2,515	12,121	2,058
Florida	Hillsborough	11606	116.06	917	2,396	-1,479	2,214
Florida	Hillsborough	11607	116.07	521	3,491	-2,970	2,901
Florida	Hillsborough	11608	116.08	50	716	-666	484
Florida	Hillsborough	11609	116.09	364	5,097	-4,733	3,972
Florida	Hillsborough	11610	116.1	284	2,173	-1,889	2,317
Florida	Hillsborough	11611	116.11	4,972	2,190	2,782	1,513
Florida	Hillsborough	11612	116.12	817	3,388	-2,571	2,502
Florida	Hillsborough	11613	116.13	1,789	2,577	-788	2,181
Florida	Hillsborough	11703	117.03	1,018	3,553	-2,535	3,226
Florida	Hillsborough	11705	117.05	682	450	232	347
Florida	Hillsborough	11706	117.06	4,352	3,782	570	3,140
Florida	Hillsborough	11707	117.07	129	1,884	-1,755	1,728
Florida	Hillsborough	11708	117.08	7,050	2,496	4,554	1,983
Florida	Hillsborough	11802	118.02	2,183	2,921	-738	2,372
Florida	Hillsborough	11803	118.03	1,115	3,238	-2,123	2,971
Florida	Hillsborough	11804	118.04	3,181	2,181	1,000	1,832
Florida	Hillsborough	11901	119.01	1,491	2,860	-1,369	2,644
Florida	Hillsborough	11902	119.02	2,663	3,079	-416	2,852
Florida	Hillsborough	11903	119.03	1,650	3,869	-2,219	3,380
Florida	Hillsborough	12001	120.01	3,984	1,183	2,801	1,031
Florida	Hillsborough	12002	120.02	4,242	1,391	2,851	1,371
Florida	Hillsborough	12103	121.03	13,314	1,780	11,534	1,656
Florida	Hillsborough	12104	121.04	1,331	2,455	-1,124	2,244
Florida	Hillsborough	12105	121.05	2,015	2,960	-945	2,553
Florida	Hillsborough	12106	121.06	1,292	1,740	-448	1,280
Florida	Hillsborough	12204	122.04	1,173	1,642	-469	1,976
Florida	Hillsborough	12205	122.05	14,293	3,043	11,250	2,241
Florida	Hillsborough	12206	122.06	321	2,822	-2,501	1,863
Florida	Hillsborough	12207	122.07	530	3,129	-2,599	2,111

Florida	Hillsborough	12208	122.08	351	2,813	-2,462	1,790
Florida	Hillsborough	12301	123.01	3,803	2,669	1,134	2,209
Florida	Hillsborough	12303	123.03	799	1,512	-713	1,271
Florida	Hillsborough	12304	123.04	875	1,730	-855	1,288
Florida	Hillsborough	12401	124.01	927	1,960	-1,033	1,600
Florida	Hillsborough	12402	124.02	475	889	-414	794
Florida	Hillsborough	12403	124.03	693	1,728	-1,035	1,325
Florida	Hillsborough	12501	125.01	4,603	1,715	2,888	1,655
Florida	Hillsborough	12502	125.02	650	3,108	-2,458	2,738
Florida	Hillsborough	12600	126	2,460	1,906	554	1,803
Florida	Hillsborough	12701	127.01	2,795	2,144	651	2,058
Florida	Hillsborough	12702	127.02	1,423	1,533	-110	1,419
Florida	Hillsborough	12800	128	1,917	1,529	388	1,348
Florida	Hillsborough	12900	129	1,584	880	704	1,138
Florida	Hillsborough	13001	130.01	1,715	1,280	435	968
Florida	Hillsborough	13002	130.02	1,763	1,716	47	1,203
Florida	Hillsborough	13003	130.03	716	858	-142	747
Florida	Hillsborough	13004	130.04	336	1,328	-992	1,030
Florida	Hillsborough	13100	131	322	1,226	-904	928
Florida	Hillsborough	13203	132.03	653	1,194	-541	829
Florida	Hillsborough	13204	132.04	264	1,150	-886	1,395
Florida	Hillsborough	13205	132.05	301	2,862	-2,561	1,846
Florida	Hillsborough	13206	132.06	428	2,008	-1,580	1,353
Florida	Hillsborough	13207	132.07	396	1,131	-735	972
Florida	Hillsborough	13208	132.08	577	2,223	-1,646	1,646
Florida	Hillsborough	13305	133.05	1,033	1,677	-644	1,190
Florida	Hillsborough	13306	133.06	6,129	1,235	4,894	1,087
Florida	Hillsborough	13307	133.07	3,148	2,143	1,005	1,660
Florida	Hillsborough	13308	133.08	1,434	3,053	-1,619	2,661
Florida	Hillsborough	13309	133.09	911	6,023	-5,112	4,273
Florida	Hillsborough	13310	133.1	144	1,669	-1,525	1,096
Florida	Hillsborough	13311	133.11	4,271	1,599	2,672	1,407
Florida	Hillsborough	13312	133.12	776	1,987	-1,211	1,686
Florida	Hillsborough	13313	133.13	503	2,126	-1,623	1,674
Florida	Hillsborough	13314	133.14	617	1,552	-935	1,063
Florida	Hillsborough	13404	134.04	598	2,158	-1,560	1,790
Florida	Hillsborough	13405	134.05	1,342	2,597	-1,255	1,846
Florida	Hillsborough	13406	134.06	165	688	-523	510
Florida	Hillsborough	13407	134.07	978	3,348	-2,370	2,215
Florida	Hillsborough	13408	134.08	661	4,790	-4,129	3,183
Florida	Hillsborough	13409	134.09	347	2,063	-1,716	1,448
Florida	Hillsborough	13501	135.01	1,642	1,079	563	1,070
Florida	Hillsborough	13503	135.03	1,158	1,105	53	1,269
Florida	Hillsborough	13504	135.04	118	1,483	-1,365	1,209

Florida	Hillsborough	13505	135.05	1,318	1,287	31	1,103
Florida	Hillsborough	13601	136.01	2,115	558	1,557	507
Florida	Hillsborough	13602	136.02	1,375	820	555	669
Florida	Hillsborough	13701	137.01	1,028	3,074	-2,046	2,443
Florida	Hillsborough	13702	137.02	447	1,219	-772	1,263
Florida	Hillsborough	13801	138.01	472	784	-312	839
Florida	Hillsborough	13802	138.02	1,095	1,058	37	1,060
Florida	Hillsborough	13803	138.03	244	551	-307	659
Florida	Hillsborough	13804	138.04	544	719	-175	571
Florida	Hillsborough	13805	138.05	176	1,311	-1,135	1,187
Florida	Hillsborough	13903	139.03	301	1,348	-1,047	1,102
Florida	Hillsborough	13906	139.06	1,073	2,141	-1,068	1,669
Florida	Hillsborough	13907	139.07	194	857	-663	714
Florida	Hillsborough	13908	139.08	107	705	-598	1,464
Florida	Hillsborough	13909	139.09	739	2,146	-1,407	1,569
Florida	Hillsborough	13910	139.1	695	3,072	-2,377	2,103
Florida	Hillsborough	13911	139.11	555	1,715	-1,160	1,348
Florida	Hillsborough	13912	139.12	64	1,060	-996	872
Florida	Hillsborough	14002	140.02	77	407	-330	945
Florida	Hillsborough	14003	140.03	44	425	-381	343
Florida	Hillsborough	14004	140.04	1,794	969	825	4,628
Florida	Hillsborough	14005	140.05	601	797	-196	3,802
Florida	Hillsborough	14006	140.06	517	353	164	2,578
Florida	Hillsborough	14104	141.04	468	529	-61	1,745
Florida	Hillsborough	14105	141.05	533	2,389	-1,856	2,055
Florida	Hillsborough	14106	141.06	661	1,172	-511	1,349
Florida	Hillsborough	14107	141.07	1,686	808	878	803
Florida	Hillsborough	14108	141.08	595	1,670	-1,075	1,776
Florida	Hillsborough	14109	141.09	301	801	-500	1,054

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

Manatee County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT

9/7/2006

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Manatee	101	1.01	10,253	611	9,642	1,763
Florida	Manatee	103	1.03	1,851	1,588	263	1,573
Florida	Manatee	104	1.04	4,030	2,996	1,034	3,377
Florida	Manatee	200	2	1,991	1,668	323	5,730
Florida	Manatee	301	3.01	1,642	3,454	-1,812	3,808
Florida	Manatee	302	3.02	2,422	2,900	-478	4,515
Florida	Manatee	304	3.04	418	905	-487	1,724
Florida	Manatee	305	3.05	991	2,336	-1,345	1,814
Florida	Manatee	306	3.06	509	1,740	-1,231	2,764
Florida	Manatee	403	4.03	370	730	-360	772
Florida	Manatee	405	4.05	1,117	1,196	-79	1,265
Florida	Manatee	406	4.06	1,561	1,515	46	2,521
Florida	Manatee	407	4.07	3,153	1,064	2,089	2,233
Florida	Manatee	408	4.08	881	2,312	-1,431	3,002
Florida	Manatee	501	5.01	1,542	1,657	-115	1,286
Florida	Manatee	503	5.03	129	1,955	-1,826	1,714
Florida	Manatee	504	5.04	723	1,624	-901	1,525
Florida	Manatee	601	6.01	689	1,617	-928	1,430
Florida	Manatee	602	6.02	1,754	3,020	-1,266	4,548
Florida	Manatee	702	7.02	1,410	3,067	-1,657	4,063
Florida	Manatee	703	7.03	7,402	1,128	6,274	1,146
Florida	Manatee	803	8.03	3,896	2,990	906	2,171
Florida	Manatee	804	8.04	306	1,033	-727	1,334
Florida	Manatee	805	8.05	8,694	1,824	6,870	1,682
Florida	Manatee	807	8.07	156	926	-770	1,466
Florida	Manatee	808	8.08	449	2,034	-1,585	2,439
Florida	Manatee	809	8.09	674	2,229	-1,555	2,149
Florida	Manatee	810	8.1	695	1,374	-679	2,242
Florida	Manatee	901	9.01	509	2,076	-1,567	1,907
Florida	Manatee	902	9.02	5,415	2,765	2,650	2,323
Florida	Manatee	1000	10	856	1,998	-1,142	3,171
Florida	Manatee	1101	11.01	1,052	2,225	-1,173	4,102
Florida	Manatee	1103	11.03	2,228	2,324	-96	3,253
Florida	Manatee	1104	11.04	505	1,597	-1,092	2,713
Florida	Manatee	1202	12.02	1,939	2,263	-324	1,892
Florida	Manatee	1203	12.03	1,381	2,200	-819	1,819
Florida	Manatee	1204	12.04	607	2,627	-2,020	2,811
Florida	Manatee	1300	13	2,424	1,782	642	1,820
Florida	Manatee	1401	14.01	1,347	3,226	-1,879	3,651
Florida	Manatee	1402	14.02	109	621	-512	982
Florida	Manatee	1501	15.01	309	1,106	-797	1,011
Florida	Manatee	1502	15.02	1,662	2,348	-686	1,900
Florida	Manatee	1600	16	1,945	2,003	-58	4,049
Florida	Manatee	1701	17.01	1,168	1,093	75	2,586

Florida	Manatee	1703	17.03	789	525	264	1,781
Florida	Manatee	1704	17.04	364	108	256	1,308
Florida	Manatee	1800	18	1,715	2,463	-748	4,916
Florida	Manatee	1904	19.04	1,476	1,549	-73	2,155
Florida	Manatee	1905	19.05	1,611	1,728	-117	1,308
Florida	Manatee	1906	19.06	568	1,992	-1,424	2,169
Florida	Manatee	1907	19.07	1,353	1,079	274	1,637
Florida	Manatee	1908	19.08	234	1,218	-984	3,071
Florida	Manatee	2003	20.03	421	2,077	-1,656	1,762
Florida	Manatee	2004	20.04	1,645	3,612	-1,967	3,432
Florida	Manatee	2005	20.05	487	666	-179	1,152
Florida	Manatee	2006	20.06	933	2,610	-1,677	2,212
Florida	Manatee	2007	20.07	480	1,173	-693	1,051
Florida	Manatee	2008	20.08	540	2,677	-2,137	1,914
Florida	Manatee	2009	20.09	949	1,110	-161	1,176
Florida	Manatee	2010	20.1	405	1,736	-1,331	1,038

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

Polk County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT

9/7/2006

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Polk	10100	101	5,797	143	5,654	240
Florida	Polk	10200	102	1,224	984	240	1,058
Florida	Polk	10300	103	5,514	1,574	3,940	1,885
Florida	Polk	10400	104	3,313	2,840	473	2,976
Florida	Polk	10500	105	2,895	3,184	-289	2,894
Florida	Polk	10601	106.01	1,629	1,772	-143	1,759
Florida	Polk	10602	106.02	861	3,070	-2,209	2,576
Florida	Polk	10701	107.01	1,625	1,938	-313	2,315
Florida	Polk	10702	107.02	1,716	1,439	277	1,776
Florida	Polk	10800	108	2,315	1,445	870	1,655
Florida	Polk	10900	109	762	1,363	-601	2,191
Florida	Polk	11000	110	4,897	837	4,060	1,659
Florida	Polk	11100	111	1,221	1,220	1	1,303
Florida	Polk	11201	112.01	2,461	1,831	630	2,045
Florida	Polk	11202	112.02	394	661	-267	1,016
Florida	Polk	11300	113	5,036	733	4,303	868
Florida	Polk	11400	114	2,737	1,228	1,509	1,689
Florida	Polk	11500	115	1,697	3,519	-1,822	3,766
Florida	Polk	11601	116.01	1,012	1,908	-896	2,015
Florida	Polk	11602	116.02	417	2,400	-1,983	3,386
Florida	Polk	11704	117.04	4,024	1,817	2,207	2,013
Florida	Polk	11721	117.21	419	1,525	-1,106	1,278
Florida	Polk	11722	117.22	1,101	1,041	60	1,766
Florida	Polk	11731	117.31	1,038	2,405	-1,367	1,801
Florida	Polk	11732	117.32	1,485	1,355	130	1,209
Florida	Polk	11801	118.01	3,309	3,328	-19	2,845
Florida	Polk	11821	118.21	148	1,569	-1,421	1,103
Florida	Polk	11822	118.22	292	1,931	-1,639	1,363
Florida	Polk	11831	118.31	4,030	3,824	206	3,012
Florida	Polk	11832	118.32	649	1,779	-1,130	1,351
Florida	Polk	11901	119.01	2,527	1,941	586	1,671
Florida	Polk	11902	119.02	3,387	1,587	1,800	1,437
Florida	Polk	11903	119.03	534	1,779	-1,245	1,451
Florida	Polk	11905	119.05	532	4,847	-4,315	3,456
Florida	Polk	12001	120.01	1,540	1,872	-332	1,689
Florida	Polk	12002	120.02	1,059	810	249	2,011
Florida	Polk	12003	120.03	1,709	1,386	323	2,521
Florida	Polk	12004	120.04	4,135	273	3,862	645
Florida	Polk	12111	121.11	404	1,629	-1,225	2,154
Florida	Polk	12112	121.12	587	2,819	-2,232	2,090
Florida	Polk	12113	121.13	769	1,779	-1,010	1,803
Florida	Polk	12122	121.22	303	3,399	-3,096	2,776
Florida	Polk	12123	121.23	4,254	1,805	2,449	2,834
Florida	Polk	12201	122.01	1,572	3,023	-1,451	3,583

Florida	Polk	12202	122.02	2,362	2,512	-150	2,907
Florida	Polk	12301	123.01	778	3,913	-3,135	3,026
Florida	Polk	12302	123.02	1,181	4,124	-2,943	3,080
Florida	Polk	12401	124.01	2,076	3,147	-1,071	3,411
Florida	Polk	12402	124.02	1,675	3,853	-2,178	6,084
Florida	Polk	12501	125.01	836	3,944	-3,108	6,201
Florida	Polk	12502	125.02	472	2,101	-1,629	1,988
Florida	Polk	12503	125.03	130	1,750	-1,620	1,639
Florida	Polk	12601	126.01	618	1,325	-707	1,745
Florida	Polk	12602	126.02	1,153	2,500	-1,347	1,906
Florida	Polk	12700	127	2,403	1,863	540	2,771
Florida	Polk	12800	128	3,478	2,086	1,392	6,169
Florida	Polk	12900	129	827	1,580	-753	1,781
Florida	Polk	13000	130	2,218	2,597	-379	2,912
Florida	Polk	13101	131.01	99	1,479	-1,380	1,141
Florida	Polk	13102	131.02	457	1,361	-904	1,596
Florida	Polk	13103	131.03	1,289	443	846	572
Florida	Polk	13200	132	3,416	698	2,718	770
Florida	Polk	13300	133	1,362	807	555	1,133
Florida	Polk	13400	134	268	1,867	-1,599	2,204
Florida	Polk	13500	135	1,824	1,434	390	1,822
Florida	Polk	13600	136	1,661	1,799	-138	2,514
Florida	Polk	13701	137.01	5,108	640	4,468	1,391
Florida	Polk	13702	137.02	2,103	2,208	-105	2,128
Florida	Polk	13801	138.01	680	1,764	-1,084	1,937
Florida	Polk	13802	138.02	2,176	2,661	-485	2,243
Florida	Polk	13901	139.01	3,439	1,276	2,163	1,441
Florida	Polk	13902	139.02	1,375	2,219	-844	1,917
Florida	Polk	14001	140.01	1,136	1,858	-722	2,002
Florida	Polk	14002	140.02	2,537	3,704	-1,167	3,852
Florida	Polk	14101	141.01	964	2,882	-1,918	3,462
Florida	Polk	14121	141.21	402	595	-193	497
Florida	Polk	14122	141.22	1,869	2,226	-357	3,346
Florida	Polk	14123	141.23	2,150	1,456	694	2,259
Florida	Polk	14201	142.01	1,445	1,603	-158	2,249
Florida	Polk	14202	142.02	513	1,039	-526	1,165
Florida	Polk	14203	142.03	262	734	-472	3,177
Florida	Polk	14301	143.01	3,183	760	2,423	1,042
Florida	Polk	14302	143.02	1,629	2,196	-567	2,386
Florida	Polk	14400	144	1,963	863	1,100	1,589
Florida	Polk	14501	145.01	1,354	2,342	-988	2,207
Florida	Polk	14502	145.02	138	1,198	-1,060	1,090
Florida	Polk	14600	146	1,282	1,448	-166	1,322
Florida	Polk	14701	147.01	885	1,879	-994	1,975

Florida	Polk	14702	147.02	987	3,577	-2,590	3,029
Florida	Polk	14801	148.01	2,000	2,140	-140	2,255
Florida	Polk	14802	148.02	2,424	907	1,517	931
Florida	Polk	14901	149.01	744	2,598	-1,854	2,495
Florida	Polk	14902	149.02	354	2,642	-2,288	2,068
Florida	Polk	15000	150	6,683	1,780	4,903	1,799
Florida	Polk	15100	151	3,424	2,229	1,195	2,431
Florida	Polk	15200	152	2,699	1,576	1,123	1,698
Florida	Polk	15301	153.01	928	1,597	-669	1,628
Florida	Polk	15302	153.02	61	1,123	-1,062	1,079
Florida	Polk	15401	154.01	427	832	-405	1,054
Florida	Polk	15402	154.02	224	1,291	-1,067	1,299
Florida	Polk	15403	154.03	287	1,266	-979	2,262
Florida	Polk	15500	155	2,517	1,421	1,096	1,758
Florida	Polk	15600	156	131	544	-413	1,850
Florida	Polk	15700	157	2,364	2,163	201	2,853
Florida	Polk	15800	158	797	1,231	-434	2,593
Florida	Polk	15900	159	783	921	-138	706
Florida	Polk	16001	160.01	718	933	-215	868
Florida	Polk	16002	160.02	509	735	-226	684
Florida	Polk	16003	160.03	468	749	-281	1,528
Florida	Polk	16100	161	3,024	459	2,565	525

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

Sarasota County
Workers, Resident Workers, Net Commuters, and Total Housing Units
Census 2000 Tracts

DRAFT

9/7/2006

State	County	ArcGIS Census Tract	American FactFinder Census Tract	Workers	Resident Workers	Net Commuters	Census 2000 Total Housing Units
Florida	Sarasota	101	1.01	9,570	954	8,616	2,605
Florida	Sarasota	102	1.02	10,085	2,340	7,745	2,145
Florida	Sarasota	200	2	4,919	1,554	3,365	1,689
Florida	Sarasota	300	3	1,261	1,186	75	1,621
Florida	Sarasota	401	4.01	3,861	2,429	1,432	2,291
Florida	Sarasota	403	4.03	2,599	3,011	-412	3,240
Florida	Sarasota	404	4.04	151	400	-249	871
Florida	Sarasota	405	4.05	189	1,466	-1,277	1,198
Florida	Sarasota	501	5.01	6,263	1,128	5,135	1,033
Florida	Sarasota	502	5.02	2,594	1,589	1,005	1,542
Florida	Sarasota	503	5.03	1,093	2,063	-970	2,325
Florida	Sarasota	601	6.01	1,717	1,275	442	1,184
Florida	Sarasota	602	6.02	2,026	1,982	44	1,884
Florida	Sarasota	700	7	2,667	733	1,934	2,665
Florida	Sarasota	801	8.01	1,031	408	623	2,933
Florida	Sarasota	802	8.02	1,385	803	582	2,812
Florida	Sarasota	900	9	1,092	1,272	-180	1,351
Florida	Sarasota	1000	10	1,369	1,243	126	1,490
Florida	Sarasota	1101	11.01	6,023	1,688	4,335	2,483
Florida	Sarasota	1102	11.02	420	1,853	-1,433	2,312
Florida	Sarasota	1201	12.01	980	2,891	-1,911	2,535
Florida	Sarasota	1202	12.02	486	1,771	-1,285	1,669
Florida	Sarasota	1203	12.03	569	1,202	-633	3,163
Florida	Sarasota	1204	12.04	167	1,653	-1,486	1,736
Florida	Sarasota	1301	13.01	1,305	1,611	-306	1,296
Florida	Sarasota	1302	13.02	3,446	2,038	1,408	1,755
Florida	Sarasota	1303	13.03	1,404	1,561	-157	1,144
Florida	Sarasota	1304	13.04	110	856	-746	1,051
Florida	Sarasota	1401	14.01	3,794	1,856	1,938	1,576
Florida	Sarasota	1402	14.02	321	2,377	-2,056	1,565
Florida	Sarasota	1403	14.03	888	1,994	-1,106	2,479
Florida	Sarasota	1503	15.03	272	1,740	-1,468	1,275
Florida	Sarasota	1504	15.04	445	1,560	-1,115	1,345
Florida	Sarasota	1505	15.05	2,048	2,684	-636	1,730
Florida	Sarasota	1506	15.06	2,569	1,952	617	2,274
Florida	Sarasota	1507	15.07	2,065	2,044	21	2,746
Florida	Sarasota	1601	16.01	972	1,444	-472	1,955
Florida	Sarasota	1602	16.02	1,025	1,697	-672	2,181
Florida	Sarasota	1702	17.02	2,839	2,825	14	2,348
Florida	Sarasota	1703	17.03	919	1,755	-836	2,027
Florida	Sarasota	1704	17.04	1,107	1,731	-624	1,449
Florida	Sarasota	1801	18.01	3,707	1,715	1,992	2,545
Florida	Sarasota	1803	18.03	258	1,625	-1,367	1,534
Florida	Sarasota	1804	18.04	1,507	1,394	113	1,318

Florida	Sarasota	1805	18.05	1,056	856	200	1,001
Florida	Sarasota	1902	19.02	1,762	1,243	519	6,232
Florida	Sarasota	1903	19.03	366	914	-548	1,497
Florida	Sarasota	1904	19.04	1,048	1,683	-635	2,453
Florida	Sarasota	2003	20.03	1,543	2,225	-682	2,552
Florida	Sarasota	2004	20.04	2,249	1,593	656	2,524
Florida	Sarasota	2005	20.05	2,259	1,781	478	2,701
Florida	Sarasota	2006	20.06	4,797	4,658	139	7,987
Florida	Sarasota	2100	21	1,566	1,673	-107	2,406
Florida	Sarasota	2201	22.01	360	899	-539	1,871
Florida	Sarasota	2202	22.02	876	1,452	-576	2,619
Florida	Sarasota	2203	22.03	1,222	1,853	-631	2,215
Florida	Sarasota	2301	23.01	2,798	892	1,906	4,001
Florida	Sarasota	2302	23.02	835	885	-50	2,586
Florida	Sarasota	2303	23.03	620	604	16	2,208
Florida	Sarasota	2401	24.01	4,598	1,072	3,526	2,537
Florida	Sarasota	2402	24.02	3,037	1,226	1,811	2,489
Florida	Sarasota	2503	25.03	2,110	2,121	-11	3,233
Florida	Sarasota	2504	25.04	127	1,203	-1,076	1,488
Florida	Sarasota	2505	25.05	837	1,193	-356	1,028
Florida	Sarasota	2507	25.07	785	2,860	-2,075	2,493
Florida	Sarasota	2508	25.08	487	1,328	-841	1,413
Florida	Sarasota	2509	25.09	64	1,904	-1,840	2,279
Florida	Sarasota	2601	26.01	294	874	-580	1,646
Florida	Sarasota	2602	26.02	191	742	-551	1,693
Florida	Sarasota	2603	26.03	297	675	-378	1,093
Florida	Sarasota	2604	26.04	769	844	-75	1,811
Florida	Sarasota	2605	26.05	649	826	-177	1,582
Florida	Sarasota	2701	27.01	1,595	2,391	-796	3,502
Florida	Sarasota	2703	27.03	295	972	-677	3,551
Florida	Sarasota	2710	27.1	215	1,027	-812	1,805
Florida	Sarasota	2711	27.11	731	2,401	-1,670	2,565
Florida	Sarasota	2712	27.12	522	3,348	-2,826	2,579
Florida	Sarasota	2713	27.13	4,591	2,946	1,645	2,030
Florida	Sarasota	2714	27.14	632	1,649	-1,017	2,377
Florida	Sarasota	2715	27.15	1,752	892	860	2,788
Florida	Sarasota	2716	27.16	866	996	-130	1,660
Florida	Sarasota	2717	27.17	535	1,343	-808	3,787
Florida	Sarasota	2718	27.18	2,352	967	1,385	1,815

Source: Census Transportation Planning Package Part III Table 1
Census 2000 Summary File 1 Table H1
Bureau of the Census

Appendix C

DRAFT 08/03/06

WORKSHEETS A TO I

To

Part D of the Water Use Permit Information Manual:
Requirements for the Estimation of Permanent And
Temporal Service Area Populations
in the Southern Water Use Caution Area

Planning Department
Southwest Florida Water Management District



Worksheet A: Residential Account Housing Unit Estimation												
Permittee Name:						DRAFT 02/26/06						
Permit Number(s):												
Year of Interest:												
Enter Only Meter Data for Residential Accounts (No Commercial)												
Do Not Include Irrigation Account Meters												
Data Entry Required in Solid Bordered Cells												
Calculated Output in Dashed Bordered Cells												
Total Individually Metered Residences:						= A						
Master Metered Residential Accounts Worksheet												
Single Family Master Metered						Multi-family Master Metered						
	Single	Number		Equivalent	OR			Number		Equivalent	OR	
	Family	of Single	Unit	Residential	Counted			Single	of Multi-	Unit	Residential	Counted
Meter	Equivalent	Family	Adjust-	Account	Residential	Meter	Family	Family	Adjust-	Account	Housing	Account
Size	Units	Master	ment	Housing	Account	Size	Equivalent	Master	ment	Housing	Account	Account
	B	C	D	(B x C) / D	Units		B	C	D	(B x C) / D	Units	Units
				= E	= F					= E	= F	
1"	2.5		1			3/4"	1.5		0.7			
1 1/2"	5		1			1"	2.5		0.7			
2"	8		1			1 1/2"	5		0.7			
3"	17.5		1			2"	8		0.7			
4"	30		1			3"	17.5		0.7			
6"	62.5		1			4"	30		0.7			
8"	90		1			6"	62.5		0.7			
10"	145		1			8"	90		0.7			
12"	215		1			10"	145		0.7			
				Sum:					Sum:			
Mobile Home (Trailer) Master Metered						Manufactured Home Master Metered						
	Single	Number		Equivalent	OR			Number		Equivalent	OR	
	Family	of Mobile	Unit	Residential	Counted			Single	of Manu.	Unit	Residential	Counted
Meter	Equivalent	Home	Adjust-	Account	Residential	Meter	Family	Home	Adjust-	Account	Housing	Account
Size	Units	Master	ment	Housing	Account	Size	Equivalent	Master	ment	Housing	Account	Account
	B	C	D	(B x C) / D	Units		B	C	D	(B x C) / D	Units	Units
				= E	= F					= E	= F	
3/4"	1.5		0.6			3/4"	1.5		0.8			
1"	2.5		0.6			1"	2.5		0.8			
1 1/2"	5		0.6			1 1/2"	5		0.8			
2"	8		0.6			2"	8		0.8			
3"	17.5		0.6			3"	17.5		0.8			
4"	30		0.6			4"	30		0.8			
6"	62.5		0.6			6"	62.5		0.8			
8"	90		0.6			8"	90		0.8			
10"	145		0.6			10"	145		0.8			
12"	215		0.6			12"	215		0.8			
				Sum:					Sum:			
Total Residential Account Housing Units for the Year of Interest (RESUNITS) = G												
(Sum the total individually metered residences (A) and the sums of equivalent master metered residential account housing units (Es) or the sums of the counted master metered residential account housing units (Fs).												

Worksheet B: Service Area Summary			
Page 1 of 3			
Permittee Name:		DRAFT 08/03/06	
Permit Number(s):			
Service Area Name:			
Census Data Year:			
Year of Interest:			
Data Entry Required in Solid Bordered Cells			
Calculated Output in Dashed Bordered Cells			
Optional Survey Data Entry in Double Outlined Cells			
1. Service Area Residential Housing Account Data Required			
(From Worksheet A)			
Residential			
Account			
Housing Units			
Year of			
Interest			
RESUNITS			
2. Census Data Required for All Census Blocks in Service Area			
(From Worksheet C)			
Sum of			
Census	Sum of	Sum of	Sum of
Population	Census	Group	Total
in House-	House-	Quarters	
Holds	Holds	Population	Housing Units
CPOPNNH	CHH	CGRUPPOP	CHOUSUNITS
3. Permanent Resident Persons/Household (PERMPPH) - Choose One Only			
			Optional Ap-
			proved Survey
	Census		Method
	PERMPPH	OR	PERMPPH
(CPOPNNH/CHH) =			
4. Seasonal Resident Persons Per Household (SEASPPH) - Choose One Only			
	Optional Ap-		
	proved Survey		
Default	Method		
SEASPPH	SEASPPH		

Worksheet B: Service Area Summary Worksheet (Cont'd)							
Page 2 of 3							
Permittee Name:							
Permit Number(s):							
Service Area Name:							
Census Data Year:							
Year of Interest:							
5. Service Area Peak Seasonal Resident Ratio (SEASRR)							
(From Worksheet D Part 1)							
				SEASRR			
(not required if using survey data)							
6. Calculation of Service Area Census Year Seasonal Households (SEASHH)							
(not required if using survey data)				SEASHH			
((SEASRR - 1) x CPOPNHH) / SEASPPH =							
7. Calculation of Seasonal Households to Total Households Ratio (SEAS/TOTHH)							
					Optional Ap- proved Survey Method		
				SEAS/TOTHH	or	SEAS/TOTHH	
SEASHH / (CHH + SEASHH) =							
8. Calculation of Seasonal Resident Peak Population - Yr. of Interest (SEASPKPOP)							
				SEASPKPOP			
RESUNITS x SEAS/TOTHH x SEASPPH =							
9. Calculation of Permanent Resident Population for Yr. of Interest (PERMPOP)							
				PERMPOP			
(1 - SEAS/TOTHH) x RESUNITS x PERMPPH =							
10. Seasonal Proportional Residence Time (SEASPROP)							
Beach	or Non-Beach	or Optional					
Destination	Destination	Approved					
County	County	Survey					
Default=0.442	Default=0.567	Method					
SEASPROP	SEASPROP	SEASPROP					

Worksheet B: Service Area Summary (Cont'd)								
Page 3 of 3								
Permittee Name:								
Permit Number(s):								
Service Area Name:								
Census Data Year:								
Year of Interest:								
11. Calculation of Seasonal Resident Adjustment Factor (SEASADJ)								
							SEASADJ	
((SEASPROP x 132) + ((1 - SEASPROP) x (132 - 69.3))) / 132 =								
12. Calculation of Functional Seasonal Resident Population for Year of Interest (FSEASPOP)								
							FSEASPOP	
SEASPKPOP x SEASADJ =								
13. Calculation of Group Quarters Population for Year of Interest (GRUPPOP)								
							GRUPPOP	
(CGRUPPOP/CHOUSUNITS) x RESUNITS								
14. Calculation of Total Required Functional Population for Year of Interest (REQPOP)								
							REQPOP	
PERMPOP + FSEASPOP + GRUPPOP =								
15. Optional Total Functional Tourist Population for Year of Interest (FTOURPOP)								FTOURPOP
Must include documentation of sources and calculations								
(From Worksheet G)								
16. Optional Functional Net Commuter Population for Year of Interest (FNETCOM)								FNETCOM
(From Worksheet I)								
Total Required and Optional Functional Service Area Population For the Year of Interest = REQPOP + FTOURPOP + FNETCOM =								

[illegible]

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Part 2: Survey Results for Peak Seasonal and Permanent Resident Population and Seasonal Duration					
Year Survey Performed:					
Month Survey Performed (Jan/Feb/Mar)					
Residential Account Housing Units Served in Year Prior to Survey:					
Interpolated Minimum Number of Returned Surveys:					
Number of Usable Surveys Returned:					
Total Seasonal Resident Household Surveys Returned = A	A				
Total Persons in Seasonal Households from Returned Surveys = B	B				
Seasonal Resident Persons Per Household (SEASPPH) = B/A	B/A				
Total Months Seasonal Residents Reside in the Service Area = C	C				
Seasonal Proportional Residence Time (SEASPROP) = (C/A)/12	(C/A)/12				
Total Permanent Resident Household Surveys Returned = D	D				
Total Persons in Permanent Households from Returned Surveys = E	E				
Permanent Resident Persons Per Household (PERMPPH) = E/D	E/D				
Seasonal to Total Household Ratio SEAS/TOTHH = A/(A+D)	A/(A+D)				

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[illegible]

Worksheet F: Small Service Area ZCTAs							
		DRAFT 02/26/06					
Page: of :							
Permittee Name:							
Permit Number(s):							
Population Year of Interest:							
Data Entry Required in Solid Bold Bordered Cells							
Calculated Output in Dashed Bordered Cells							
Step 1. Enter Sum of Census Population in Households (CPOPNNH)							A
from Worksheet B (Must not exceed 25,000) = A							
Step 2. Determination of Minimum Average Annual 3rd Quarter Admissions Threshold Using a. or b. Below, as Applicable.							
a.							
If the sum of population in households (A above) exactly matches a Table A-1 population value (Appendix A, Section 3.2.4), enter the corresponding minimum admissions threshold as "B", then continue to Step 3.							B
or							
b.							
Interpolation - If the sum of population in households is in-between Table A-1 population values, then an adjusted minimum average annual 3rd quarter admissions threshold must be calculated as outlined below.							
							C
Table A-1 Population Value That is More Than Sum of Population in Households in A above = C							
							D
Table A-1 Population Value That is Less Than Sum of Population in Households in A above = D							
Difference Between C and D (C-D) = E							E
							F
Minimum Admissions for Table A-1 Population Value That is More Than A above = F							
							G
Minimum Admissions for Table A-1 Population Value Less Than A above = G							
							H
Difference Between F and G (F-G) = H							
Divide H by E (H/E) = I							I
							J
Difference Between A and D (A-D) = J							
							K
Adjusted Minimum Admissions Threshold = G+(J x I) = K							

Step 3. Selection Of ZCTAs to Include in the Service Area

The average annual third quarter hospital admissions by ZIP Code and the ZCTAs required to complete Step 2. are available at the District's website or from the District's Planning Department.

First add admissions from ZIP Codes/ZCTAs entirely within the service area. If the minimum admissions threshold has not been reached, add admissions from ZIP Codes/ZCTAs partially in the service area until the minimum admissions threshold (B or K in Step 1. above) has been just met or exceeded in the "cumulative ZCTA" column. Those ZIP Codes entirely in the service area and those that are partially in that have been added to meet the minimum 3rd quarter admissions threshold shall be used in Worksheet D.

List			ZCTA		Cumulative ZCTA	
ZIP Codes Entirely Within Service Area		Equivalent ZCTA	Average Annual 3rd Quarter Admissions From Provided Data		Average Annual 3rd Quarter Admissions From Provided Data	
			A =		A =	
			E =		A+B=C =	
			D =		C+D=E =	
			F =		E+F=G =	

List	Number of					
ZIP Codes Partially Within Service Area	Times ZIP Code		ZCTA		Cumulative ZCTA	
In Order of Billing Occurrence - Highest to Lowest	Appears in Billing Records	Equivalent ZCTA	Average Annual 3rd Quarter Admissions From Provided Data		Average Annual 3rd Quarter Admissions From Provided Data	
			H =		G+H= I =	
			J =		I+J= K =	
			L =		K+L= M =	
			N =		M+N= O =	

Worksheet G: Functional Tourist Population					
		DRAFT 08/03/06			
Page: of :					
Permittee Name:					
Permit Number(s):					
Population Year of Interest:					
Data Entry Required in Solid Bold Bordered Cells					
Calculated Output in Dashed Bordered Cells					
Use Part 1 to estimate functional tourist population from directly collected collected data or Part 2 to to estimate functional tourist population indirectly from touris accomodation taxes. Use Part 3 to estimate functional in-home tourist population.					
Part 1: Public Lodging Data Method					
a. Inventory of Service Area Public Lodging					
Attach documentation of data source and year collected.					
Note: Insert additional rows as needed.					
Public Lodging Facility Name				Number of Rooms	
				A	
Sum of Service Area Rooms = A					
b. Average Annual Monthly Occupancy Rate					
Attach documentation of data source and year collected. For seasonal data, insert same occupancy rate for each month in applicable season.					
For average annual data, enter annual rate in each month.					
Customer survey data must be weighted by customer rooms.					
See Section A-5.1.2.					
Month				Monthly Occupancy Rate	
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					

						C		
Sum of Monthly Occupancy Rates = C								
						D		
Average Monthly Occupancy Rate = D = C/12								
c. Average Guests Per Room (party size)								
Documentation of data source and year collected required (other than defaults).								
Customer survey data must be weighted by number of rooms per customer respondent. See Section 5.1.4 of Appendix A..								
Enter an X under the source of the data and enter the selected value under E.								
Coastal Beach		All Other		Lodging	Other			
Destination County		Counties		Customer	(Must			
Default = 2.7		Default = 2.3		Survey	Document)	E		
d. Total Direct Data Daily Public Lodging Tourist Population						F		
F = A x D x E								
Part 2: Tourist Accommodations Lodging Tax Method								
Documentation of data source and year collected required (other than defaults).								
If average daily room rate is from customer survey, room rates must be weighted by number of rooms per customer respondent (see Section 5.1.4 App. A).								
a. Calculation of Room Days Per Month								
				Average				
	Service Area Tourist		Monthly	Daily	Total Room			
	Accommodation Tax		Room	Room	Days Per			
Month	Collections	Tax Rate	Revenue	Rate	Month			
	G	H	I = G/H	J	K = I/J			
January								
February								
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								
Sum of Room Days Per Month = L						L		

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Worksheet I: Functional Net Commuter Population			
		DRAFT 08/03/06	
Page 1 of :			
Permittee Name:			
Permit Number(s):			
Population Year of Interest:			
Data Entry Required in Solid Bold Bordered Cells			
Calculated Output in Dashed Bordered Cells			
NOTE: See Section 6.1 of Appendix A for identification and selection of Census Tracts.			
Additional Census tract rows may be added as needed.			
Census Tracts Included		Net Commuters	Census Total Housing Units
Census County or Code	Tract Number	by Census Tract	(CHOUSUNITS) by Tract
Sums		A	B
Ratio of Net Commuters to Census Total			C = A/B
Housing Units = C = A/B			
Net Commuters for Year of Interest D = C x RESUNITS (for RESUNITS see Section 1 of Worksheet B.			D = C x RESUNITS
Functional Net Commuter Population for Year of Interest FNETCOM = D x .333 x .714			FNETCOM = D x .333 x .714

Appendix D

DRAFT 07/31/06

Census Year
Seasonal Resident and Permanent Population by ZIP Code
Southern Water Use Caution Area Only

To
Part D of the Water Use Permit Information Manual:
Requirements for the Estimation of Permanent And
Temporal Service Area Populations
in the Southern Water Use Caution Area

Planning Department
Southwest Florida Water Management District



Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls

Sheet 1-Instructions

Draft of July 31, 2006

Steps in the Calculation of Peak Seasonal Resident Ratio (SEASRR)

Step 1: Select ZIP Codes to Represent Water Service Area

See rule for criteria for selecting appropriate ZIP Codes.

Step 2: Sum the Seasonal Resident Populations for the Selected ZIP Codes

Step 3: Sum the Permanent Resident Populations for the Selected ZIP Codes

Step 4: Calculate the Peak Seasonal Resident Ratio (SEASRR)

$$\frac{(\text{Sum of Census yr. seasonal residents} + \text{Sum of Census yr. permanent residents})}{\text{Sum of Census yr. permanent residents}}$$

See Example Ratio Calculation

Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls
Sheet 2-Sample Calculation of Peak Seasonal Resident Ratio (SEASRR)
Draft of July 31, 2006

Sample Calculation of Peak Seasonal Resident Ratio
(Data from "Data by ZIP Code" Worksheet)

Selected ZIP Codes	Estimated Seasonal Resident Population	Permanent Census Population
	A	B
33837	7,121	21,315
33838	972	2,843
33844	7,378	26,600
33850	315	4,039
33868	1,659	10,885
33881	2,459	28,225

Sum of A
19,904

Sum of B
93,907

Peak Seasonal Resident Ratio

(Sum A + Sum B) / Sum B
1.212

Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls
 Sheet 3-Seasonal Resident and Permanent Population by ZIP Code
 Draft of July 31, 2006

Emergency Admissions - Patients 55-84 Years Old, Seasonal & Permanent Population by Geographic ZIP Codes						
Geographic Patient ZIP Code	Sum 1999-2001 Quarter 1 Admissions January- March <i>a</i>	Sum 1999-2001 Quarter 3 Admissions July- September <i>b</i>	Difference Q1-Q3 divided by 3 Q3 <= Q1 <i>c = a-b</i>	Overall Emergency Incidence Age 45-74 <i>d</i>	Census Year Estimated Peak Seasonal Resident Population <i>e = c/d</i>	Permanent Population Census 2000 ZIP Code Tabulation Area April 1, 2000
33471	39	28	3.67	0.015302	240	5,700
33510	311	278	11.00	0.015302	719	22,374
33511	684	680	1.33	0.015302	87	44,927
33527	193	147	15.33	0.015302	1,002	11,431
33534	225	171	18.00	0.015302	1,176	7,496
33540	1,024	689	111.67	0.015302	7,298	18,837
33541	1,578	875	234.33	0.015302	15,314	23,017
33542	Please use Geographic Patient ZIP Codes 33540 and 33541					
33547	130	122	2.67	0.015302	174	8,527
33548	Please use Geographic Patient ZIP Code 33549					
33549	553	488	21.67	0.015302	1,416	44,672
33556	147	137	3.33	0.015302	218	13,995
33558	Please use Geographic Patient ZIP Code 33549					
33559	Please use Geographic Patient ZIP Code 33549					
33563	Please use Geographic Patient ZIP Codes 33541, 33564, 33565, and 33567					
33565	197	160	12.33	0.015302	806	16,814
33566	287	262	8.33	0.015302	545	21,552
33567	205	185	6.67	0.015302	436	25,920
33569	769	543	75.33	0.015302	4,923	35,689
33570	642	365	92.33	0.015302	6,034	12,857
33572	246	210	12.00	0.015302	784	7,461

33573	1,671	1,245	142.00	0.015302	9,280	16,321
33584	391	362	9.67	0.015302	632	20,490
33592	282	237	15.00	0.015302	980	9,970
33594	708	603	35.00	0.015302	2,287	47,721
33598	182	162	6.67	0.015302	436	8,019
33602	318	267	17.00	0.015302	1,111	8,955
33603	420	368	17.33	0.015302	1,133	20,947
33604	807	710	32.33	0.015302	2,113	36,785
33605	605	539	22.00	0.015302	1,438	17,081
33606	202	164	12.67	0.015302	828	14,960
33607	769	679	30.00	0.015302	1,961	22,801
33609	308	269	13.00	0.015302	850	16,180
33610	1,030	917	37.67	0.015302	2,462	32,397
33611	535	480	18.33	0.015302	1,198	29,837
33612	1,028	912	38.67	0.015302	2,527	42,961
33613	564	531	11.00	0.015302	719	29,424
33614	802	714	29.33	0.015302	1,917	43,803
33615	645	588	19.00	0.015302	1,242	41,349
33616	180	132	16.00	0.015302	1,046	12,014
33617	567	490	25.67	0.015302	1,677	42,281
33618	260	234	8.67	0.015302	566	20,358
33619	689	566	41.00	0.015302	2,679	28,459
33620	2	0	0.67	0.015302	44	2,532
33621	10	8	0.67	0.015302	44	2,689
33624	484	404	26.67	0.015302	1,743	45,065
33625	209	189	6.67	0.015302	436	20,781
33626	74	58	5.33	0.015302	349	11,116
33629	342	317	8.33	0.015302	545	22,858
33634	226	212	4.67	0.015302	305	19,255
33635	177	149	9.33	0.015302	610	12,439
33637	112	95	5.67	0.015302	370	12,534
33647	153	129	8.00	0.015302	523	26,290
33715	151	103	16.00	0.015302	1,046	7,403
33801	1,073	829	81.33	0.015302	5,315	31,593
33803	847	603	81.33	0.015302	5,315	26,994
33805	743	629	38.00	0.015302	2,483	20,426
33809	871	641	76.67	0.015302	5,010	28,855
33810	524	394	43.33	0.015302	2,832	28,563
33811	269	232	12.33	0.015302	806	16,176
33813	559	467	30.67	0.015302	2,004	35,411
33815	414	277	45.67	0.015302	2,984	13,620
33823	413	354	19.67	0.015302	1,285	26,485
33825	1,032	712	106.67	0.015302	6,971	23,257
33827	50	38	4.00	0.015302	261	2,527
33830	567	446	40.33	0.015302	2,636	25,723
33834	106	58	16.00	0.015302	1,046	7,274
33837	665	416	83.00	0.015302	5,424	21,315
33838	90	56	11.33	0.015302	741	2,843
33839	32	32	0.00	0.015302	0	1,591
33841	179	146	11.00	0.015302	719	7,881
33843	307	170	45.67	0.015302	2,984	10,668
33844	981	723	86.00	0.015302	5,620	26,600
33849	59	42	5.67	0.015302	370	418
33850	74	63	3.67	0.015302	240	4,039
33851	Please use Geographic Patient ZIP Code 33844					
33852	853	592	87.00	0.015302	5,686	19,653
33853	1,053	822	77.00	0.015302	5,032	34,439
33857	83	48	11.67	0.015302	762	1,645
33859	Please use Geographic Patient ZIP Code 33853					
33860	405	340	21.67	0.015302	1,416	17,015
33865	26	13	4.33	0.015302	283	681
33868	210	152	19.33	0.015302	1,263	10,885
33870	1,373	895	159.33	0.015302	10,413	22,563

33872	1,056	668	129.33	0.015302	8,452	20,593
33873	225	195	10.00	0.015302	654	14,442
33875	Please use Geographic Patient ZIP Code 33872					
33876	Please use Geographic Patient ZIP Code 33870					
33877	Please use Geographic Patient ZIP Code 33853					
33880	366	322	14.67	0.015302	958	33,778
33881	538	452	28.67	0.015302	1,873	28,225
33884	222	200	7.33	0.015302	479	20,016
33890	108	81	9.00	0.015302	588	5,088
33896	Please use Geographic Patient ZIP Code 33837					
33897	Please use Geographic Patient ZIP Code 33837					
33898	Please use Geographic Patient ZIP Code 33853					
33903	491	310	60.33	0.015302	3,943	23,107
33917	723	365	119.33	0.015302	7,799	28,561
33921	19	6	4.33	0.015302	283	1,500
33946	82	33	16.33	0.015302	1,067	1,064
33947	273	189	28.00	0.015302	1,830	5,238
33948	416	321	31.67	0.015302	2,069	14,692
33950	1,287	832	151.67	0.015302	9,912	19,361
33952	1,142	808	111.33	0.015302	7,276	30,543
33953	116	62	18.00	0.015302	1,176	3,452
33954	113	98	5.00	0.015302	327	7,383
33955	186	140	15.33	0.015302	1,002	6,227
33960	20	15	1.67	0.015302	109	701
33980	343	284	19.67	0.015302	1,285	9,081
33981	249	167	27.33	0.015302	1,786	7,225
33982	266	176	30.00	0.015302	1,961	9,289
33983	316	228	29.33	0.015302	1,917	10,960
34201	20	18	0.67	0.015302	44	1,877
34202	154	118	12.00	0.015302	784	15,335
34203	785	539	82.00	0.015302	5,359	26,017
34205	1,013	777	78.67	0.015302	5,141	31,817
34207	1,137	780	119.00	0.015302	7,777	30,690
34208	620	529	30.33	0.015302	1,982	30,750
34209	1,212	936	92.00	0.015302	6,012	33,228
34210	466	377	29.67	0.015302	1,939	13,883
34211	Please use Geographic Patient ZIP Code 34202					
34212	Please use Geographic Patient ZIP Code 34202					
34215	55	18	12.33	0.015302	806	792
34217	309	149	53.33	0.015302	3,485	6,385
34219	110	103	2.33	0.015302	152	5,812
34221	992	694	99.33	0.015302	6,492	31,646
34222	441	311	43.33	0.015302	2,832	8,732
34223	824	427	132.33	0.015302	8,648	18,002
34224	703	423	93.33	0.015302	6,099	14,984
34228	107	55	17.33	0.015302	1,133	7,603
34229	58	49	3.00	0.015302	196	4,850
34231	384	304	26.67	0.015302	1,743	31,885
34232	385	315	23.33	0.015302	1,525	31,969
34233	313	256	19.00	0.015302	1,242	14,745
34234	265	216	16.33	0.015302	1,067	20,511
34235	206	144	20.67	0.015302	1,351	13,028
34236	179	131	16.00	0.015302	1,046	11,636
34237	179	130	16.33	0.015302	1,067	16,890
34238	179	154	8.33	0.015302	545	14,042
34239	202	141	20.33	0.015302	1,329	15,800
34240	115	75	13.33	0.015302	871	6,757
34241	167	117	16.67	0.015302	1,089	12,106
34242	92	50	14.00	0.015302	915	9,581
34243	268	250	6.00	0.015302	392	20,508
34251	48	39	3.00	0.015302	196	4,239
34266	866	613	84.33	0.015302	5,511	31,964
34269	Please use Geographic Patient ZIP Code 34266					
34275	254	142	37.33	0.015302	2,440	15,005
34285	221	124	32.33	0.015302	2,113	8,039
34286	70	55	5.00	0.015302	327	8,610
34287	708	476	77.33	0.015302	5,054	19,089

Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls
Sheet 4-Average Third Quarter Emergency Admissions by Zip Code
Draft of July 31, 2006

**Example Calculation of Average Annual Third Quarter Hospital Admissions by Zip Code
Patients Aged 55 - 84, Emergency Admissions Only**

Permittees wishing to select partial zip codes/Zip Code Tabulation Areas (ZCTA) to represent their service area using the "Zip Codes Partially Within Small Service Areas" provisions of the rule will find the three-year average of third quarter admissions by Zip Code in Sheet 5 "Average Annual Q3 Admissions by Zip Code".

Simply locate the selected zip code from the Geographic Patient Zip Code column and then locate the corresponding average emergency admissions in the "Avg. 1999-2001 Quarter 3 Admissions" column.

Note: Please scroll down to "Average Third Quarter Emergency Admissions - Patients 55-84 Years Old by Geographic Zip Codes" table

Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls
Sheet 5-Data Source and Modifications to the Data Set
Draft of July 31, 2006

Source:

The original source of the admissions data is the Hospital Inpatient Data compiled by the Florida Agency for Healthcare Administration (AHCA). The data are cumulative for the period 1999-2001. The age range for patients is 55-84 years old. The totals reflect emergency admissions only.

Modifications to AHCA Dataset

Geographic ZIP Codes:

These are only ZIP Codes that have geographic boundaries. These ZIP Codes are assigned to street or physical addresses exclusively. Emergency patients who listed post office box addresses with post office box ZIP Codes were included in the ZIP Codes where those post office boxes are physically located. Consequently, emergency admissions totals by ZIP Code may differ from those calculated using the original admissions data from the Agency for Healthcare Administration.

Quarter 3 (July-September) Modification:

For each year 1999-2001, and each Geographic ZIP Code, if third quarter (June-August) emergency admissions were less than first quarter (January-March) emergencies, they were set equal to first quarter emergency admissions. Consequently, the difference between emergency admissions in the first quarter and those in the third quarter is greater than or equal to zero for each year and each Geographic ZIP Code. This ensures that the peak seasonal resident ratio is greater than or equal to 1.

Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls
 Sheet 6-Missing and New ZIP Codes
 Draft of July 31, 2006

Missing ZIP Codes

If a ZIP Code is not listed, it is because there were no emergency admissions for patients 55-84 years old in any quarter between January 1999 and December 2001 to hospitals located in counties inside or adjacent to the Southwest Florida Water Management District.

Reconciling New Geographic Patient ZIP Codes with Census 2000 ZIP Code Tabulation Areas (ZCTAs)

There was no permanent population for some of the geographic ZIP Codes listed in Table 1 below. These geographic ZIP Codes did not exist at the time the Bureau of the Census mapped the ZCTAs and have no ZCTA equivalent. The admissions reported from these geographic ZIP Codes were reassigned to their original geographic ZIP Codes. For example, emergency admissions reported from new ZIP Code 32162 were added to those reported from 32159. ZIP Code 33542 was carved out of two ZIP Codes (33540 and 33541). In this case, the admissions were divided according the percentage of housing units from each of the zip codes now inside 33542. Table 1 indicates which ZCTAs received admissions from these 18 new geographic ZIP Codes.

Note: Please scroll down to see Tables 1 and 2.

Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls
 Sheet 7-Seasonal Admissions Incidence
 Draft of July 31, 2006

Determination of the Overall Emergency Admission Incidence for Seasonal Residents 55-84 years old

The admissions incidence is based on third quarter emergency hospital admissions for the age group 45-74 and is calculated as the admissions with patient ZIP Codes for this age group in ZIP Codes in the District divided by the total population of this age group in ZIP Codes in the District. The emergency admissions incidence is based on a younger age group because research indicates that the seasonal resident population is generally healthier than the equivalent age resident permanent resident population. The incidence is calculated as the 3-year average of 3rd quarter emergency admissions for the 45-74 age group divided by the Census year total 45-74 age group population for the ZIP Codes and ZCTA's in the District. Again, the three years used to estimate the average Census year admissions are Census -1, Census, and Census +1. For the 2000 Census, the District-wide 45-74 emergency admissions incidence to be used in estimating the Census year seasonal resident population is 0.015302.

45-74 year old age group 1999 - 2001 Hospital Admissions Data (Emergency ONLY)							
Geography	Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec	TOTAL	Census 2000 Permanent Population 45-74 years	Overall Incidence*
SWFWMD Counties	88,743	78,498	76,724	83,566	327,531	1,671,289	0.015302
*Overall Incidence =						(76,724/3)/1,671,289	

Filename: 07 31 06 App D Seasonal Data by ZIP SWUCA Only.xls
Sheet 8-Contacts
Draft of July 31, 2006

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WATER MANAGEMENT DISTRICTS

Southwest Florida Water Management District

RULE CHAPTER NO.: RULE CHAPTER TITLE:

40D-8 Water Levels and Rates of Flow

RULE NO.: RULE TITLE:

40D-8.624 Guidance and Minimum Levels for
Lakes

NOTICE OF CHANGE

Notice is hereby given that the following changes have been made to the proposed Rule 40D-8.624(13), F.A.C., published in Vol. 32, No. 19, May 12, 2006, issue of the Florida Administrative Weekly, page 2188.

Proposed amendments to 40D-8.624(13) are now as follows:

(13) Levels for lakes established during or after August 7, 2000, are set forth in the following table. After the High Minimum Lake Level and Minimum Lake Level elevation for

each lake is a designation indicating the Method used, as described in subsection 40D-8.624(8)(7), F.A.C., to establish the level. Compliance with the High Minimum and Minimum Lake Levels is determined pursuant to paragraphs (6)(b) and (7)(b) above. Guidance Levels established prior to August 7, 2000, are set forth in Table 8-3 in subsection 40D-8.624(14), F.A.C., below.

Corrections are proposed to Table 8-2, subsections (i) and (z) in 40D-8.624(13) to correct the township for Jackson Lake from T-24S to T-34S, and the range for Clinch Lake from R-8E to R-28E, so that those subsections are now proposed as follows:

Table 8-2 Minimum and Guidance Levels Established During or After August 7, 2000. Levels are elevations, in feet above the National Geodetic Vertical Datum of 1929.

Location by County and Basin	Name of Lake and Section, Township and Range Information	Ten-Year Flood Guidance Level	High Guidance Level	High Minimum Lake Level	Minimum Lake Level	Low Guidance Level
(i) In Highlands County Within the Peace River Basin RESERVED	<u>Jackson Lake</u> <u>S-30 T-34S</u> <u>R-29E</u>	<u>104.1</u>	<u>102.6</u>	<u>102.4</u> <u>(Cat 3)</u>	<u>101.3</u> <u>(Cat 3)</u>	<u>100.2</u>
	<u>Letta Lake</u> <u>S-31 T-33S</u> <u>R-29E</u>	<u>100.5</u>	<u>99.5</u>	<u>99.5</u> <u>(Cat 3)</u>	<u>98.4</u> <u>(Cat 3)</u>	<u>97.1</u>
	<u>Little Jackson</u> <u>Lake</u> <u>S-06 T-35S</u> <u>R-29E</u>	<u>104.1</u>	<u>102.6</u>	<u>102.4</u> <u>(Cat 3)</u>	<u>101.3</u> <u>(Cat 3)</u>	<u>100.2</u>
	<u>Lotela Lake</u> <u>S-26 T-33S</u> <u>R-28E</u>	<u>108.5</u>	<u>107.5</u>	<u>106.8</u> <u>(Cat 3)</u>	<u>105.7</u> <u>(Cat 3)</u>	<u>105.0</u>
(z) In Polk County Within the Peace River Basin RESERVED	<u>Clinch Lake</u> <u>S-31 T-31S</u> <u>R- 28E</u>	<u>107.4</u>	<u>105.5</u>	<u>105.5</u> <u>(Cat 3)</u>	<u>104.4</u> <u>(Cat 3)</u>	<u>103.1</u>
	<u>Eagle Lake</u> <u>S-01 T-29S</u> <u>R-25E</u>	<u>131.3</u>	<u>129.6</u>	<u>129.0</u> <u>(Cat 3)</u>	<u>127.9</u> <u>(Cat 3)</u>	<u>127.2</u>
	<u>McLeod Lake</u> <u>S-07 T-29S</u> <u>R-26E</u>	<u>133.3</u>	<u>129.4</u>	<u>129.4</u> <u>(Cat 3)</u>	<u>128.3</u> <u>(Cat 3)</u>	<u>127.0</u>
	<u>Wales Lake</u> <u>S-01 T-30S</u> <u>R-27E</u>	<u>114.1</u>	<u>ND</u>	<u>107.7</u> <u>(Cat 3)</u>	<u>106.6</u> <u>(Cat 3)</u>	<u>ND</u>

WATER MANAGEMENT DISTRICTS**Southwest Florida Water Management District**

RULE CHAPTER NO.: RULE CHAPTER TITLE:

40D-80 Recovery and Prevention Strategies
for Minimum Flows and Levels

RULE NO.: RULE TITLE:

40D-80.074 Regulatory Portion of Recovery
Strategy for the Southern Water Use
Caution Area**NOTICE OF CHANGE**

Notice is hereby given in accordance with subparagraph 120.54(3)(d)1., F.S., that the following changes have been made to the proposed Rule 40D-80.074, F.A.C., published in Vol. 32, No. 19, May 12, 2006, issue of the Florida Administrative Weekly, page 2192.

Changes proposed to the new Rule 40D-80.074, F.A.C., titled "Regulatory Portion of Recovery Strategy For the Southern Water Use Caution Area.", are shown to the proposed language in an underline and strikethrough format below:

40D-80.074 Regulatory Portion of Recovery Strategy For the Southern Water Use Caution Area.

(1) No change.

(2) Objectives of Recovery Strategy.

Long-term (as defined in Section 4.3 A of the Basis of Review for Water Use Permits, incorporated by reference in Rule 40D-2.091, F.A.C.) flow rates and water levels for most MFL water bodies are below the MFLs predominantly because ground water withdrawals have lowered Floridan aquifer levels in the SWUCA. As a result of the lowered aquifer levels, salt water intrusion is occurring, and river flows and lake levels are impacted by reduced water levels, including some of those rivers and lakes for which MFLs have been established. The goals of the District's Recovery Strategy are the recovery of flows and levels to the MFLs and the provision of sufficient water supplies for all existing and projected reasonable-beneficial uses. The Minimum Flows for rivers are described in Rule 40D-8.041, F.A.C. The Minimum Levels for lakes are described in subsection 40D-8.624(13), F.A.C. The Minimum Levels for aquifers are described in subsection 40D-8.626(2), F.A.C. The MFLs for rivers, lakes and aquifers are described in and established in paragraph 40D-8.041(2), F.A.C., and Table 8-5 in Rule 40D-8.624, F.A.C., and Table 8-2 and Rule 40D-8.626, F.A.C., Table 8-6. The District intends to maintain on its website at www.watmatters.org a current listing of those water bodies for which a recovery or prevention strategy is in effect.

(3) Recovery Strategy Mechanisms.

(a) through (b) No change.

(c) The water use permitting rules in Chapter 40D-2, F.A.C., address water conservation, alternative water supplies and recovery to MFLs. These water conservation and alternative water supplies rules include the amendments to

Chapter 40D-2, F.A.C., November 15, 1990, January 1, 2003, as well as subsequent rules effective adopted as of January 1, 2007, 2006 developed in conjunction with the implementation of the Minimum Flows and Levels Recovery Strategy. In combination, these rules result in more efficient use of water and a lessening of impacts from withdrawals on water bodies with established MFLs.

(4) through (6) No change.

(7) The District recognizes that although the rate of salt water intrusion (SWI) will be reduced through implementation of the Recovery Strategy, some existing legal uses of water may be affected by the continued movement of the salt water interface. The District's water supply planning indicates that much of the area potentially susceptible to SWI is experiencing land use transition from traditionally agricultural lands to forms of urban development. The water needs of these new land uses are planned to be met with alternative water supplies funded all or in part by the District to the greatest extent practical. In those cases where the existing permittee, impacted by SWI, desires to continue the existing legal water use, the District has a number of programs that address that situation. The District has available ~~will make its~~ various preventative and remedial programs to permittees potentially at risk of salt water intrusion such as the Quality of Water Improvement Program (QWIP), the Facilitating Agricultural Resource Management Systems (FARMS) program, the New Water Source Initiative, the Water Supply and Resource Development Program, and the Cooperative Funding Program (as it relates to replacement of potentially affected water sources with alternative water supplies). For information on these programs, contact the District's headquarters by calling (352)796-7211 or (800)423-1476, or by emailing the District at executive@swfwmd.state.fl.us or by opening the District's website www.watmatters.org and clicking on the link "Contact Us".

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Notices for the Department of Environmental Protection between December 28, 2001 and June 30, 2006, go to <http://www.dep.state.fl.us/> under the link or button titled "Official Notices."

DEPARTMENT OF HEALTH**Board of Dentistry**

RULE NO.:

64B5-2.0144

RULE TITLE:

Licensure Requirements for Dental
Hygiene Applicants from
Unaccredited Dental Schools or
Colleges

NOTICE OF CHANGE

Notice is hereby given that the following changes have been made to the proposed rule in accordance with subparagraph 120.54(3)(d)1., F.S., published in Vol. 32, No. 42, October 20, 2006 issue of the Florida Administrative Weekly.

The change is in response to concerns stated in letter from the Joint Administrative Procedure Committee dated October 16, 2006. The change is as follows:

The rule shall read as:

64B5-2.0144 Licensure Requirements for Dental Hygiene Applicants from Unaccredited Dental Schools or Colleges.

Applicants for licensure as dental hygienists who have graduated from an unaccredited dental school or college shall submit the following:

(1) A completed application, on the appropriate form set forth in Rule 64B5-1.021, F.A.C., and which requires the applicant to verify by oath the information supplied;

(2) The application fees specified in Rule 64B5-15.002, F.A.C.;

(3) A certified photocopy of the dental school diploma and a certified translation if the diploma is in a language other than English, which diploma shall be comparable to a D.D.S. or a D.M.D.;

(4) ~~A grade report or a Final final~~ official transcripts received directly from the schools where post-secondary dental ~~pre-dental~~ education was received and from the dental school which reflects the applicant's matriculation and graduation dates and degree earned; the transcript shall be authenticated by the official school stamp or seal as well as the signature of an authorized school official and shall be accompanied with a certified translation if the documents are in a language other than English;

(5) Proof which establishes successful completion of ~~4 5~~ academic years of post-secondary dental education., ~~which shall include 4 academic years of dental education.~~ Proof of the ~~4 5~~-years of required education shall include a report from an Educational Credential Evaluators (ECE) approved evaluating service which evaluation includes a year by year evaluation of the applicant's credentials. Said report shall not be conclusive, but shall only be advisory to the Board;

(6) Any graduate of a foreign dental college or school not accredited or approved in accordance with Section 466.007(2)(b), and not accredited in accordance with Section 466.006(2)(b), F.S. who seeks licensure as a dental hygienist pursuant to Section 466.007(2)(b)2., F.S. but is unable to supply proper educational credentials due to the political or other conditions of the country in which the education was received, shall submit any and all documents which would tend to support the applicant's claim of proper credentials and shall submit with the application:

(a) A written statement which shall include:

1. A complete chronological account of all schools attended during the candidate's entire education, including dates of attendance and graduation, the addresses of all schools attended;

2. A description of all dental school courses which the applicant successfully completed;

(b) At least five (5) written statements concerning the applicant's dental education from persons who are directly acquainted with the candidate's educational credentials. If the applicant relies on these written statements to establish qualifications for licensure, then at least three (3) of the written statements must be from dentists who are not related to the applicant;

(c) Any applicant who provides false information to the Florida Board of Dentistry on his or her licensure application and/or written statements as required by this rule will be referred for criminal prosecution pursuant to Section 456.067 of the Florida Statutes.

(d) Unless the Board is otherwise satisfied that the credentials required by sub-sections three (3) through five (5) above cannot be obtained, the Board will not accept such other evidence as described in this Section until the applicant has demonstrated to the Board that he or she has made a reasonable attempt to obtain the credentials.

~~(6) A detailed description of the applicant's dental education which is substantiated by official documents of the school;~~

(7) Proof received directly from the American Dental Association, that the National Board of Dental Examiners Written Examination has been successfully completed within 10 years prior to application; or that the National Board of Dental Hygiene Examination has been successfully completed within 10 years prior to application. ~~Applicants who successfully completed the dental examination more than 10 years prior to application shall submit proof of having successfully completed Part II of the examination within 10 years prior to application and in no more than three attempts to successfully complete it, prior to application;~~

(8) If the applicant's name has changed since initiation of dental education, a certified copy of the legal document changing the name or an affidavit sworn before a notary public or other person authorized to administer oaths that the person named in credentials submitted and the applicant are the same person;

(9) Two 2 inch by 2 inch photographs of the applicant which are suitable for identification; ~~and~~

(10) Proof of having completed an HIV course that meets the requirements of Rule 64B5-12.019, F.A.C.; proof of having completed a medical errors course that meets the requirements of subsection 64B5-12.019(11), F.A.C.; and proof of having completed a domestic violence course that meets the requirements of subsection 64B5-12.019(8), F.A.C.;

(11)(a) Applicants applying for licensure under Section 466.007(2)(b)2., F.S., whose applications do not indicate they have obtained Dental Hygiene clinical education to the level of the clinical experience required by an American Dental Association (ADA) accredited Dental Hygiene program in the areas set forth in subsection (11)(b) below, shall be required to obtain remedial coursework in those designated areas that applicant has not successfully completed that would meet the ADA clinical requirements at an ADA accredited dental hygiene school. Such additional coursework shall be obtained from a program accredited by the ADA, only after the applicant satisfies and the Board approves the education and testing requirements of sub-sections three (3) through ten (10) above. Such additional coursework must be obtained by the applicant and approved by the Board prior to the applicant being allowed to sit for the Florida Dental Hygiene examination.

(b) The accredited clinical coursework referenced in sub-section (a) above shall be in the following areas:

1. Radiology: 15 hours didactic and 10 hours lab/clinical;
2. Prophylaxis Performance: 25 hours didactic and 100 hours clinical;
3. Infection Control: 10 hours didactic and 10 hours clinical;
4. Periodontal Therapy: 20 hours didactic and 30 hours clinical;
5. Pharmacology: 15 hours didactic and 10 hours clinical;
6. Biomedical Sciences: 10 hours didactic;
7. Clinical History Management: 10 hours didactic;
8. Special Patient Care: 5 hours didactic and 10 hours clinical; and

9. Training in cardiopulmonary resuscitation (CPR) at the basic support level, including one-rescuer and two-rescuer CPR for adults, children, and infants; the use of an automatic external defibrillator (AED); and the use of ambu-bags. All such training shall be sufficient for and shall result in current certification or re-certification by the American Heart Association, the American Red Cross or an entity with equivalent requirements;

(c) The additional coursework required by subsections (11)(a) and (11)(b) of this rule must be obtained and approved by the Board prior to the applicant being allowed to sit for the Florida Dental Hygiene examination.

Specific Authority 466.004, 466.007, 456.067 FS. Law Implemented 466.007 FS. History—New 1-18-95, Formerly 59Q-2.0144, Amended 8-19-97, 8-20-97, 5-20-01,_____.

DEPARTMENT OF HEALTH

Board of Respiratory Care

RULE NO.:	RULE TITLE:
64B32-4.002	Reactivation of Retired Status License

NOTICE OF WITHDRAWAL

Notice is hereby given that the above rule, as noticed in Vol. 32, No. 30, July 28, 2006 issue of the Florida Administrative Weekly has been withdrawn.

DEPARTMENT OF FINANCIAL SERVICES

Division of Funeral, Cemetery, and Consumer Services

RULE NOS.:	RULE TITLES:
69K-6.0015	Definition of Established Adult Grave Space
69K-6.0016	Definition of Developed Area

NOTICE OF CORRECTION

Notice is hereby given that the following correction has been made to the proposed rule in Vol. 32, No. 42, October 20, 2006 issue of the Florida Administrative Weekly.

The proposed rules were incorrectly advertised as being promulgated by the Division of Funeral, Cemetery, and Consumer Services. The proposed rules are being promulgated by the Board of Funeral, Cemetery, and Consumer Services.

DEPARTMENT OF FINANCIAL SERVICES

Division of Funeral, Cemetery, and Consumer Services

RULE NO.:	RULE TITLE:
69K-6.009	Identification Tags-Acceptable Materials, Locations, and Methods of Affixing

NOTICE OF CORRECTION

Notice is hereby given that the following correction has been made to the proposed rule in Vol. 32, No. 42, October 20, 2006 issue of the Florida Administrative Weekly.

The proposed rule was incorrectly advertised as being promulgated by the Division of Funeral, Cemetery, and Consumer Services. The proposed rule is being promulgated by the Board of Funeral, Cemetery, and Consumer Services.

Section IV Emergency Rules

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND

Notices for the Board of Trustees of the Internal Improvement Trust Fund between December 28, 2001 and June 30, 2006, go to <http://www.dep.state.fl.us/> under the link or button titled "Official Notices."