

Estimated Water Use



Southwest Florida
Water Management District

2001

**2001
ESTIMATED WATER USE
IN THE
SOUTHWEST FLORIDA
WATER MANAGEMENT DISTRICT**

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EXECUTIVE SUMMARY

Estimated Water Use is produced annually to summarize and analyze freshwater use in the Southwest Florida Water Management District (District). The report is used as a data source for a variety of water supply planning and management purposes.

Freshwater use during calendar year 2001 is examined in this edition of *Estimated Water Use*. In addition to reporting total water use, six specific water use categories are individually analyzed: Public Supply, Domestic Self-Supply, Recreational/Aesthetic, Agricultural, Mining/Dewatering, and Industrial/Commercial.

The Public Supply category includes public water systems and privately held water utilities required by permit to report pumpage to the District. Water utilities that are too small to be required to report pumpage, also are included. The Domestic Self-Supply category assesses the estimated freshwater consumption from non-permitted individual wells. Recreational/Aesthetic use includes water used for self-supplied large-scale landscapes, parks, and golf courses. The Agricultural use category provides estimated water use by crop type. Mining/Dewatering examines the self-supplied water use of mining operations, itemized by the type of material being extracted. The Industrial/Commercial category disaggregates water use data by industry type, including power generation, for those businesses and institutions that are self-supplied.

The primary sources of data for this report are unpublished water use permit (WUP) records, especially pumpage reports which specific permittees are required to submit on a regular basis. Additional data sources include, but are not limited to, an annual survey of Public Supply permittees, the District's *Water Supply Needs and Sources: 1990-2020* report, population studies from the University of Florida's Bureau of Economic and Business Research, and unpublished agricultural water use data developed by the District's Conservation Projects Section.

In 2001, an average of approximately 1.3 billion gallons of freshwater was withdrawn each day within the District. Approximately 86 percent of this amount was supplied from ground-water sources. Agricultural water users constituted the largest single category or sector, withdrawing an average of 581 million gallons each day (mgd) or 43 percent of total freshwater use. Public Supply water users, including Domestic Self-Supply, were second with 566 mgd or 42 percent. Mining/Dewatering withdrew 70 mgd or five percent; Recreational/Aesthetic, 61 mgd or five percent; and Industrial/Commercial, 68 mgd or five percent.

Polk County had the largest Agricultural, Mining/Dewatering, Industrial/Commercial and Domestic Self-Supply water use in the District, averaging 126, 29, 38 and 10 million gallons per day, respectively. Hillsborough County withdrew the most water for Public Supply and Recreational/Aesthetic purposes, averaging 167 and 13 million gallons per day, respectively.

Overall, Polk County had the largest total water use of the sixteen counties during 2001. An average of 280 million gallons was used each day in Polk County, or approximately 21 percent of the District's total.

As of 2001, 94 percent of all non-agricultural permitted water use was metered and reported to the District. Conversely, only 55 percent (317 mgd) of Agricultural water use was reported, leaving 44 percent to be estimated by the District. The percentage of Agricultural permits required to meter and report pumpage generally will continue to increase. Overall, 76 percent (980 mgd) of all water use in the District is metered and reported, while 24 percent (310 mgd) is estimated. Domestic Self-Supply water use, which is not permitted by the District and completely estimated, is not included in the above calculation.

INTRODUCTION

This report presents estimated freshwater use within the Southwest Florida Water Management District (District) for the 2001 calendar year. Reclaimed water is excluded in this report but the *2000 Annual Reuse Report for the Southwest Florida Water Management District* can be obtained by calling the District's Conservation Projects Section at (352) 796-7211.

The District relies on this Estimated Water Use Report as a reference document for assistance with regulatory issues, water supply planning and development, review of water conservation programs, and evaluation of state-mandated comprehensive plans and impact studies of new development. Local and state government agencies, water utilities, various trade organizations, environmental groups, and other interested parties also find this data to be informative.

The District is one of five regional agencies charged with monitoring, regulating, managing, and protecting water resources in the State of Florida. Jurisdictional boundaries for the five water management districts are based on hydrologic features, such as watershed drainage basins, which may or may not coincide with county boundaries. The District encompasses all or part of the following sixteen (16) counties: Charlotte, Citrus, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lake, Levy, Manatee, Marion, Pasco, Pinellas, Polk, Sarasota, and Sumter.

Figure 1 illustrates the sixteen (16) full and partial counties, which are within the District's jurisdiction. Data for each partial county only include the water use for that portion of the county within the District. Since 1989, the District has identified four geographic areas of special concern that have showed long term declines in hydrologic conditions. These four areas are designated "Water Use Caution Areas" (WUCAs) and referred to as Highlands Ridge WUCA, Eastern Tampa Bay WUCA, Southern WUCA and Northern Tampa Bay WUCA. The boundaries of each WUCA are illustrated in Figure 2.

In this report, estimated water use data are examined for six broad categories: Public Supply, Domestic Self-Supply, Recreational/Aesthetic, Agricultural, Mining/Dewatering, and Industrial/Commercial.

For all use categories except Public Supply, water use in this report is equivalent to water withdrawn from either surface or ground water sources. For Public Supply, actual water use can be different from the amount of water withdrawn, since treatment system losses and water used for environmental mitigation are accounted for in the Public Supply category. In addition, water used for Public Supply purposes is sometimes transferred from one permit to another. In this case, the first permit "withdraws" the water while the second "uses" the water.

In order to provide the reader with specific use data (i.e., citrus water use under the Agricultural category), use code information for each permit was obtained. However, the data contained within the summary tables of each chapter should be used with discretion. In the event a permit has multiple use codes (i.e., strawberry and field crop), only a single code could be selected. Regulatory data base comparisons were performed as a check on the quantities listed under each use code classification. In general, the estimated use code data presented in the report should not be considered exact, but should be used only to roughly gauge specific water use activities.

Total water use in the District is also studied. Unless otherwise indicated, data is reported as an annual average rate in millions of gallons per day (mgd). For those counties which are only partially within District boundaries, (Charlotte, Highlands, Lake, Levy, Marion, and Polk), the estimates include only water use data for portions of those counties which are within the District. When possible, the source of water is also identified to be ground water or surface water.

Four appendices are located at the back of this report. Appendix A contains detailed lists of water use for each permittee that reports pumpage data to the District. A separate table is provided for each water use category. Appendix B contains estimated

surface and ground water withdrawals for the District, each Water Use Caution Area and for the Northern Tampa Bay Water Resource Assessment Project (WRAP) Area. Appendix C identifies the total permitted quantities of surface and ground water by county in the District.

Tables C-2 through C-6 identify permitted quantities of water use for each WUCA and the Northern Tampa Bay WRAP. Finally, Appendix D contains historical water use for permits greater than one million gallons per day for each category. In addition, a ten-year Public Supply per capita comparison is presented in Table D-6.

Estimating freshwater use in the District requires the compilation and refinement of unpublished data contained in the District's Water Use Permit (WUP) files and Regulatory Database (RDB). However, these records contain at least three significant limitations of possible interest to the reader. First, entities using less than 100,000 gallons per day are not necessarily required to have a permit, thus data for their use are not always available. Second, not all WUP holders are required to report pumpage amounts as a condition of their permit. Third, due to treatment losses and water transfers between Public Supply permits, the amount and location of reported pumpage does not necessarily coincide with the amount and location of actual end use.

In the case of a permit that does not report water withdrawal to the District, an estimate of pumpage is calculated. Unfortunately, some small permits that have been estimated may not actually be pumping water (due to a well not fully constructed, seasonal crop rotation, etc.). Because of the time involved to check the background of every permit's estimated water use, errors may be present in the data tables contained within this report. However, those errors are believed to be small when compared to total water use for the District.

As of 2001, 94 percent of all non-agricultural water use was metered and reported to the District. Conversely, only 55 percent (317 mgd) of Agricultural water use was reported, leaving 45 percent to be estimated by the District. Overall, 76 percent (980 mgd) of all water use in the District is metered and reported, while 24 percent (310 mgd) is estimated. Domestic Self-Supply water use, which is not permitted by the District and completely estimated, is not included in the above calculation.

The reader should also be aware that because the RDB is continuously changing as new permits are assigned and existing information is updated, the data presented in this report reflects only a "snapshot" in time. Typically, the RDB is queried for data that was present during one of the final days in December of the year of the report.

Supplemental sources of data were reviewed for this report to investigate water use within the Public Supply category. Valuable references include an annual Public Supply permittee survey, population studies from the University of Florida's Bureau of Economic & Business Research (BEER), the District's Water Supply Needs and Sources: 1990-2020 report, and unpublished data developed by the District's Conservation Projects Section. The voluntary public supply survey requests detailed transfer, treatment, and population information for each permittee's service area. County-level population data was derived from BEER information.

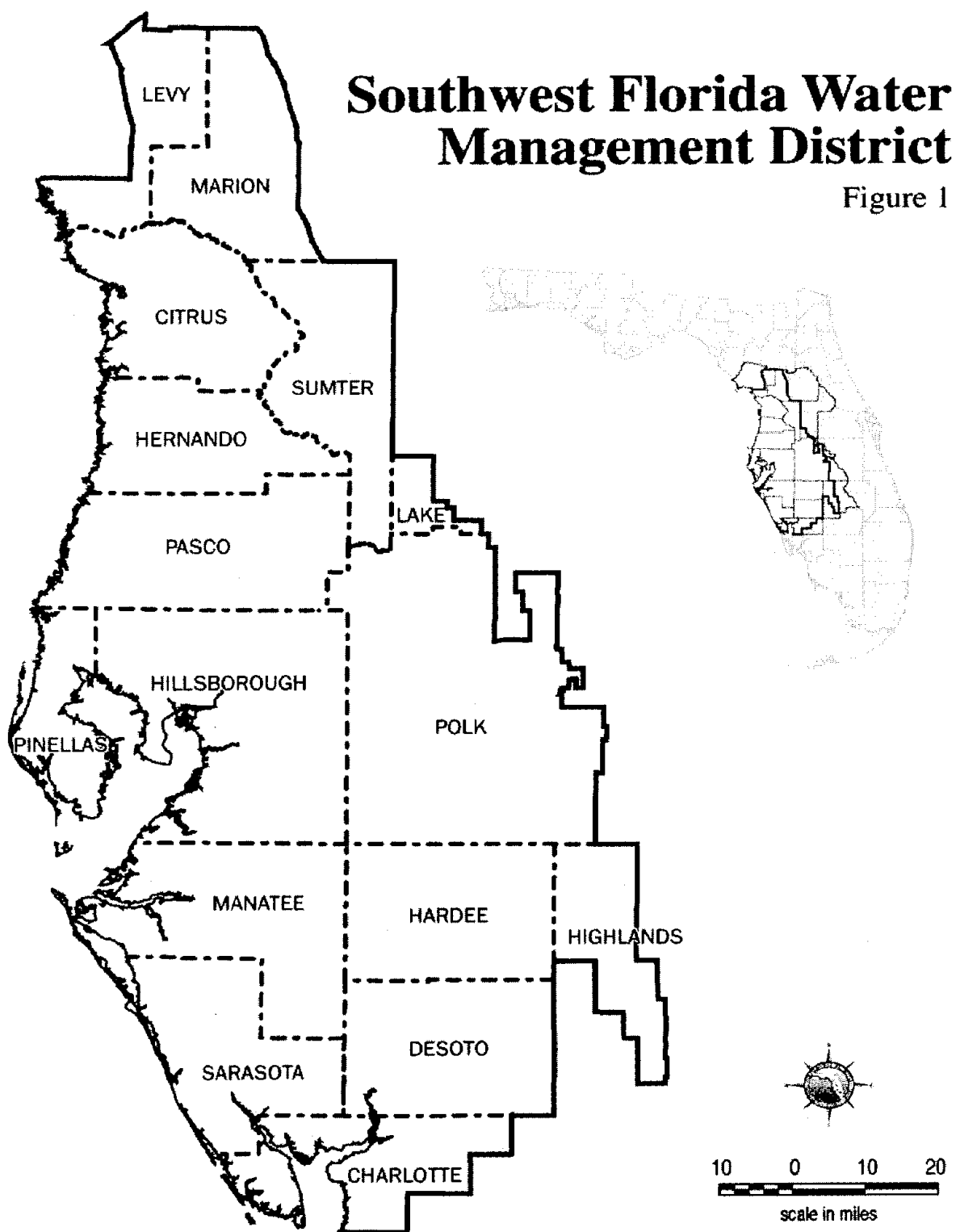
Water use estimate reports have been prepared by the District since 1984. Through 1986, the preparation of these reports was a cooperative effort between the District and the U.S. Geological Survey (USGS). Beginning in 1987, the District has published these reports on an annual or bi-annual basis. The data found in past reports represented the summation of reported pumpage with the exception of Agricultural and Domestic Self-Supply categories. Since the 1991-1992 edition, additional water use, previously not reported, was estimated for permits which are not required to report pumpage. Furthermore, instead of using an indirect method to estimate agricultural water use (acreage multiplied by crop water use coefficients) as in previous years, agricultural water use estimates rely on the same methodology as all other categories of use. The detailed procedure used in this edition is documented in a separate publication, *Water Use Estimating Procedure for the Southwest Florida Water Management District, December 1994*.

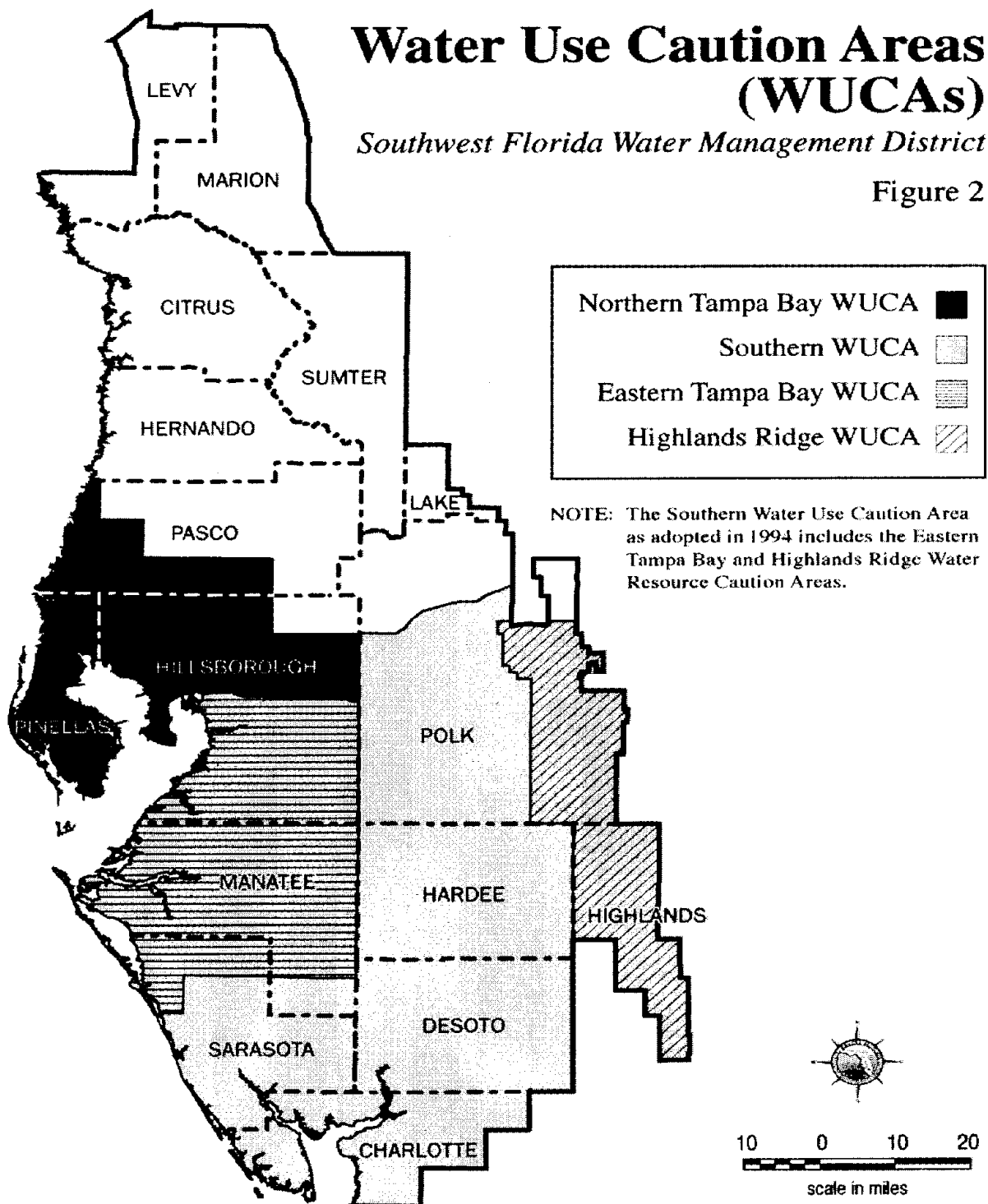
The estimation process is briefly described below. In order to account for pumpage of non-reporting permits, a methodology has been developed based on the assumption that all permittees of a specific use type would use a consistent portion of their permitted quantities. For each aforementioned water use category, pumpage of non-reporting permits is estimated based upon the water use quantities for those permits that reported pumpage

using the ratio of actual pumpage to permitted use. The ratio is applied to every permit and distributed to wells with no reported pumpage data. The exact ratio used is determined by the water use category, size of permit, season of usage, and calendar year.

For more information on data sources, the reader should consult individual data tables and the bibliography of this report. Estimation methodologies are summarized for each water use category in the appropriate chapter of this document. In addition, readers of this report should be aware that many factors affect freshwater usage including, but by no means limited to, weather, soils, economic conditions, water conservation, and the use of alternative water sources.

The integration of the estimated water use and actual reported water use results is presented in this report. Therefore, **the data presented here should be regarded as only an estimate of water use in the District.**





PUBLIC SUPPLY WATER USE

In 2001, a total of approximately 488 mgd were used for Public Supply purposes within the District. This amount, reported in Table 1, services approximately 3.8 million people, representing an annual average daily use of 126 gallons per capita (gpcd). The following pages describe and illustrate various water uses specific to Public Supply.

General Information

Public Supply water use includes the water distributed by public water systems and private water utilities throughout the District. It is important to note that the Public Supply category may include nonresidential customers such as golf courses or restaurants in addition to individual residential customers. These nonresidential users are estimated under the Public Supply category because they are not self-supplied and do not report their individual water use to the District. For a utility's percentage of nonresidential customers, refer to Table A-2 in Appendix A.

Ground water is the principal source of Public supply water in the District, with most ground water coming from the Floridan aquifer. The surficial and intermediate aquifers are ground water sources in some southern areas, such as Sarasota and Charlotte counties, where the Floridan is either not readily accessible or has poor water quality.

For all use categories except Public Supply, water use in this report is synonymous with water withdrawn from either surface or ground water sources. Treatment system losses, transfer of water from one permit to another and water used for environmental mitigation are all accounted for in the Public Supply category. Therefore, actual water use for Public Supply may be different from water withdrawal.

Five counties in the District depend significantly on surface water sources for Public Supply water use. The City of Punta Gorda in Charlotte County relies on the Shell Creek Reservoir. Portions of unincorporated Charlotte, DeSoto, and Sarasota counties rely on surface water sources related to Shell Creek and the Peace River. The Hillsborough River supplies water to the City of Tampa in

Hillsborough County. The Manatee County and City of Bradenton public Supply systems depend almost completely on reservoirs known as Lake Manatee and Evers Lake, respectively. In addition, portions of Sarasota County depend on surface water transferred from Manatee County.

The majority of Public Supply permits identified in this report are required to regularly report water withdrawal quantities as a condition of their Water Use Permit (WUP), as specified in Chapter 40D-2, Florida Administrative Code (FAC). This reporting condition typically applies to systems with an average permitted withdrawal quantity of 100,000 gallons or more per day, a maximum permitted withdrawal quantity of one million gallons or more on any single day, or a six-inch or larger diameter well.

2001 Water Use

In 2001, a total of 488 mgd were used by Public Supply systems as shown in Table 1. Of this amount, 480 mgd were metered and reported as a condition of Public Supply Water Use Permit(s), while an additional 8 mgd were estimated. Approximately 76 percent of the total withdrawal was pumped from ground water sources (Table B-1). At the county level, the largest use was 126 mgd pumped from Hillsborough County. Pinellas County had the second largest use of approximately 114 mgd.

Table 1 identifies total Public Supply water use throughout the District. The first two columns, "Surveyed P.S. Water Use" and "Surveyed Public Supply Population" are taken directly from Table A-1, which individually lists public suppliers and their service population by county. The majority of the data was gathered from the annual Public Supply Permittee Survey. All other sources are identified in the appendix. The "Unadjusted Gross Per Capita" is simply the division of Public Supply water use by population.

Additional Estimated Water Use. In addition to recording the water used by those public supply systems which are required to report pumpage and the corresponding population served, Table 1 provides estimates of the water used and

population served by Public Supply permittees who do not have a pumpage reporting requirement. The calculation of additional estimated Public Supply water use data was based on the assumption that permits not required to report pumpage use the same percentage of their average daily permitted quantity as those permits which are required to report pumpage. In other words, "reported as a percentage of permitted" coefficients were developed, then these coefficients were applied to the average daily permitted quantities of those Public Supply permits which are not required to report pumpage.

The calculation of additional estimated Public Supply water use data was based on the assumption that the people served by permits not required to report pumpage have the same water use habits, and thus the same per capita water use, as the people served by permits which are required to report pumpage. For each county, additional estimated Public Supply population served was calculated by dividing the additional estimated Public Supply water use by the reported unadjusted gross per capita water use data for that county.

The results of this estimation effort are included in Table 1. During 2001, the additional Public Supply estimated water use was 8.0 mgd. Pasco County had the largest use (3.5 mgd) from small-quantity permittees.

It is important to note that some residential customers receiving water from a public supplier may have a well for landscape irrigation purposes only. It is difficult to estimate how much water is used in this manner. Those withdrawals are not included or estimated in this report.

Additional Reported Water Use. Public Supply permits greater than 0.1 mgd account for over 95 percent of the total publicly supplied water in the District. The remaining group of small Public Supply permits (less than 0.1 mgd) that reported pumpage to the District was not listed in Table A-1. However, this group of small Public Supply permits was accounted for in table 1 under the column "Additional Reported Water Use." During 2001, the additional reported Public Supply water use was 6.8 mgd.

Total Public Supply Water Use. From Table 1, the total Public Supply water use was estimated to be 488 mgd, serving 3.8 million people during calendar year 2001. A comparison of county-level Public Supply water use is illustrated in Figure 3.

Compared to other counties, Hillsborough County was the largest user of water for Public Supply purposes during 2001, consuming 26 percent or 126 mgd. Pinellas County used approximately 23 percent or 114 mgd. Polk County was third with 69 mgd for its Public Supply water use.

Analysis of Public Supply Water Use

As stated earlier, supplemental information for this water use category was collected through a survey of active Public Supply permits within the District.

Public Supply permits within any of the District's Water Use Caution Areas are required to answer the survey's inquiries regarding water use and submit them to the District; all other responses are returned on a voluntary basis only. The annual survey requests information such as service population, water loss associated with treatment, permit to permit water transfers, and system-level water use demand data. With this information, the actual water use by the public supply system was estimated and expressed as per capita water use. A summary of this data can be found in Table A-1.

In general, Public Supply water use identified in Table A-1 is quantified in terms of "unadjusted gross per capita," "gross per capita," and "compliance per capita." To measure water use efficiency, these calculations take into consideration treatment system loss, significant uses, environmental mitigation use, and/or reuse and desalination credits. The following sections will discuss in detail the respective water uses.

Unadjusted Gross Per Capita Water Use. Unadjusted Gross per Capita is the simple calculation of dividing gross use by service population. Table A-1 contains the information required to convert permit-specific withdrawal quantities to unadjusted gross per capita water use data. Please note, if a permit serves a population in more than one county, or if its use occurs in a county other than the county of withdrawal, it is

possible for the same permit number to occur in more than one county within this table.

Table A-1 lists the amount of raw water withdrawn, population served, and the primary water source (ground water or surface water) for each permit. It also provides permit-specific details about water transfers, both imports and exports. Loss associated with water treatment, typically reverse osmosis (RO) and desalination concentrate (byproduct water that contains high levels of salts and other impurities), is also shown. The finished water actually made available for use by customers of each permit is then determined by subtracting exports and treatment loss from the sum of withdrawals and imports. This total can be found under the "gross use" column.

County-level summaries of reported Public Supply gross water use and population served are listed in Table 1. The District's average gross water use was 126 gallons per capita per day (gpcd) during 2001. Of all water utilities listed in Table A-1, cumulatively 56 percent have an unadjusted gross per capita water use equal to or less than 129 gpcd and 36 percent had less than 110 gpcd. Utilities having an unadjusted gross per capita water use greater than 200 gpcd account for approximately 14 percent.

High per capita water use is more common in master-metered communities. One possible reason is that people who are not held accountable and charged for the amount of water they use have no economic incentive to be efficient. Affluent areas with high discretionary outdoor water use and new developments that are fully irrigated but only partially populated also tend to have high per capita water use.

Low gross per capita water use is more common in communities with high water prices and those permittees using the "dwelling unit" population estimation method which simply takes the number of dwelling units in a utility's service area and multiplies that number by an average number of people per household. This method does not adequately correct for a highly seasonal residential customer base. The method incorrectly assumes that all dwelling units are occupied year round and thus gives an unrealistically low per capita value.

The accuracy of system-level per capita water use data is highly dependent on the quality of population information used in the calculation. Seasonal (part-time) residents can bias the results if the fluctuation is not accounted for in service population data. In recognition of this fact, "functional" population information was requested in the voluntary survey. "Functional" refers to a seasonally-adjusted annual average number of persons in the county (year-round residents plus a fraction of the seasonal-only population).

Per capita calculations can also be affected by population data that is skewed by double-reporting of population in overlapping Public Supply systems or incomplete population estimation methodologies. In addition, permit-level per capita amounts may not be directly comparable when a system supplies a large amount of water to non-residential users, is subjected to large unaccounted for water use patterns (such as a major pipeline failure), or has access to reuse.

Gross Per Capita Water Use. When Unadjusted Gross per capita water use is refined by subtracting "significant use" and environmental mitigation" water, it is termed "Gross Per Capita". Significant use refers to the sum of the average consumption of all non-residential water customers who each use at least 25,000 gpd or five percent of system use, such as commercial users. Environmental mitigation refers to the pumping of water to replenish lakes and wetlands which have been impacted by nearby Public Supply withdrawals, but only when this replenishment is required as a condition of a water use permit.

The refinement of per capita water use data has a special purpose, particularly in the District's declared Water Use Caution Areas. In these portions of the District, Public Supply permittees are required to meet certain per capita water demand reduction goals. Gross per capita data allow for more equitable permit-to-goal as well as permit-to-permit comparisons because it compensates for the effects of large non-residential users whose consumption may benefit an area which extends far beyond a specific permittee's service territory. Also, when communities fail to report a significant use (such as a golf course) on the voluntary survey, Table A-1 may show an unusually high gross per capita figure.

In Table A-1, Public Supply Gross Per Capita is examined for only those permittees located within a WUCA. During calendar year 2001, gross per capita within the District averaged approximately 120 gpcd compared to an unadjusted gross per capita of 126 gpcd.

Residential Per Capita Water Use. This measurement accounts for the portion of publicly supplied water that is used for residential purposes only. The percentage of residential water use reported to the District by a utility is multiplied by their total water use to quantify how much water is used for residential purposes only. Residential Per Capita differs from Unadjusted Gross Per Capita and Gross Per Capita because it does not include any non-residential uses.

Due to the limitations in their billing systems, not all public supply systems are able to separate residential from other types of water use. The calculation of residential water use was performed in Table A-2. If a utility supplies a large number of non-residential customers with water, their residential per capita will be significantly lower than their Unadjusted Gross Per Capita. For example, the 135 gpcd unadjusted gross per capita water use of the Manatee County Public Utilities service area is brought down to a residential use of only 87 gpcd when non-residential customers (including a regional food processing operation) are removed.

For those permittees able to provide sufficient demand details, the average residential per capita water use was estimated to be 84 gpcd during calendar year 2001. County averages of residential per capita water use are compared in Table 2.

Unaccounted for Water. Unaccounted for water (also referred to as "UAW") is the portion of water that enters the distribution system and is "lost." Several situations can contribute to UAW, including transmission pipeline failures, valve box leaks, unauthorized service connections, production meters which are over-registering. Water used for customary purposes, such as fire fighting and line flushing that can be estimated, is considered "accounted" and, therefore, does not need to be included in a permittee's UAW amount.

Although a high UAW value generally indicates the need to address one or more of the problems listed above, a low UAW value does not necessarily indicate a tight, efficiently run system. If the source (withdrawal) meters are under-registering, a permittee may falsely appear to have a low or possibly negative UAW (i.e., the system bills for more water than it supposedly produces). Production and customer meter accuracy can only be ensured through periodic testing.

The unaccounted for water use associated with permits which reported UAW data was also studied in Table A-2. It shows that a total of 24 mgd from 417 mgd of system production (5.7 percent) was considered unaccounted for.

Public Supply Water Transfers. Geographical conditions and population growth differences necessitate inter-county and/or inter-permit water transfers in some parts of the District. Such transfers will play an increasingly important role as more emergency interconnect systems are constructed and regional water supply authorities develop additional wholesale arrangements with their member systems.

It is very challenging to trace the original amount of withdrawn water to its final use destination, especially when water is imported and exported among multiple permits and/or across county boundaries. Table A-3 provides some details of permit-to-permit water transfer. In the District, approximately 234 mgd was exchanged among water use permittees in 2001.

Monthly Water Withdrawal. Because it is difficult to determine actual monthly Public Supply, water use due to monthly variations in water transfers and treatment losses, the estimated withdrawal pattern is studied instead in this report. Monthly withdrawals reported for Public Supply purposes in the District are shown in Figure 4, which is based on Table A-4. Table A-4 details monthly water withdrawals by county.

Table 1. Summary of Public Supply Service Population and Water Use, 2001.

COUNTY	Surveyed P.S. Water Use (mgd) (1)	Surveyed P.S. Population (2)	Gross Per Capita (gpcd)(3)	Estimated Water Use (mgd) (4)	Reported Water Use (mgd)(5)	Additional Population (6)(7)	Total P.S. Water Use (mgd)	Total P.S. Population
* CHARLOTTE	14.209	117,261	121	0.038	0.119	1,296	14.366	118,557
CITRUS	11.889	66,138	180	0.733	0.159	4,962	12.781	71,100
DESOTO	1.008	8,646	117	0.057	0.235	2,505	1.300	11,151
HARDEE	1.159	9,417	123	0.431	0.001	3,510	1.591	12,927
HERNANDO	18.831	117,951	160	0.400	0.088	3,057	19.319	121,008
* HIGHLANDS	7.840	64,741	121	0.454	0.038	4,063	8.332	68,804
HILLSBOROUGH	124.874	960,803	130	1.514	0.048	12,018	126.436	972,821
* LAKE	0.000	0	0	0.000	0.000	0	0.000	0
* LEVY	0.856	4,923	174	0.037	0.000	213	0.893	5,136
MANATEE	37.023	292,854	126	0.009	0.021	237	37.053	293,091
* MARION	6.182	28,645	216	0.636	1.447	9,652	8.265	38,297
PASCO	30.915	271,467	114	1.724	3.460	45,521	36.099	316,988
PINELLAS	118.429	995,023	119	0.183	0.000	1,538	114.405	996,561
* POLK	66.625	388,424	172	1.690	0.722	14,062	69.037	402,486
SARASOTA	31.548	354,690	89	0.057	0.064	1,360	31.669	356,050
SUMTER	5.533	29,692	186	0.377	0.401	4,175	6.311	33,867
DISTRICT	476.921	3,710,675	126	8.340	6.803	108,168	487.857	3,818,843

NOTES:

(*) Data only for that portion within the District.

"P.S." = Public Supply

(1) Extracted from "Gross Use" Column of Table A-1.

(2) Extracted from "Population" Column of Table A-1.

(3) Extracted from "Unadjusted Gross Per Capita" Column of Table A-1.

(4) Estimated for nonreporting small-quantity permits.

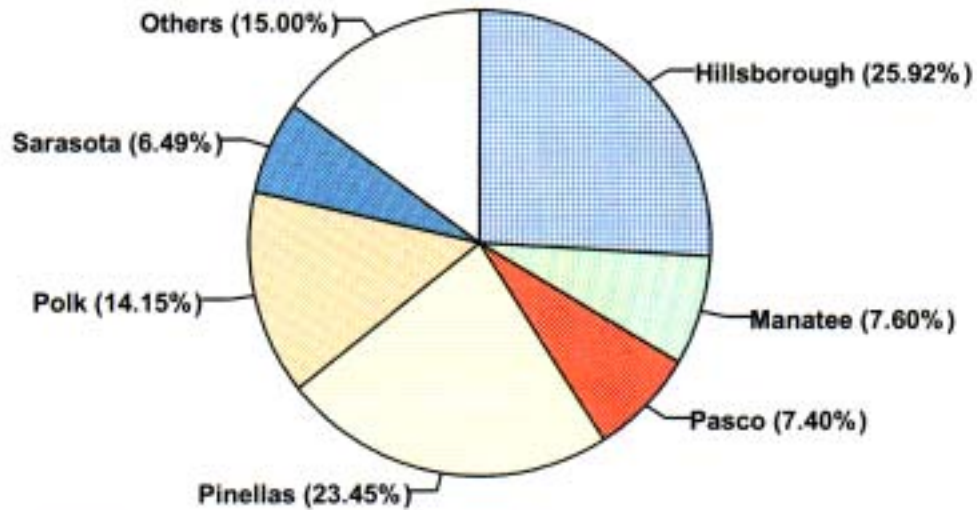
(5) Small public suppliers of water that are not listed in Appendix A but report their pumpage to the District.

(6) (Total 'Additional' Water Use) divided by (Unadjusted Gross Per Capita).

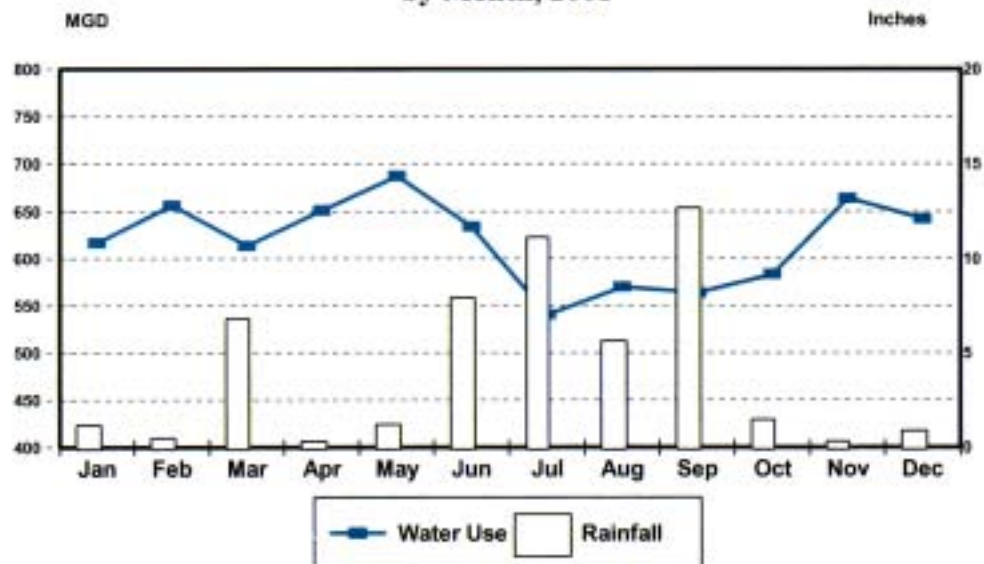
(7) Total population served by 'Additional Estimated' and 'Additional Reported' water use.

**Figure 3. Public Supply Water Use
by County, 2001**

Total = 488 MGD



**Figure 4. Public Supply Water Use
by Month, 2001**



DOMESTIC SELF-SUPPLY WATER USE

In 2001, approximately 49 mgd was used for Domestic Self-Supply purposes within the District. Since the users included in this category are not required to have Water Use Permits, the estimates are indirectly calculated based on available population estimates and conceptual water use data.

It is important to note that the methodology for determining functional population in Table 2 was changed in 1998, resulting in a significant decrease in estimated water use for Domestic Self-Supply purposes. The estimation for seasonal population for most counties was decreased based on recent data obtained from each county's comprehensive plan. It is believed that in prior years the Domestic Self-Supply population was overestimated resulting in an unrealistically high water use for this category.

General Information

The Domestic Self-Supply category estimates the freshwater consumption from individual wells and water supply systems which are too small to be required to have a District water use permit. In other words, this category estimates residential water use not accounted for by water supply systems studied in the Public Supply category. These residential users may be in rural settings or in suburban or urban areas which are not served by a public supply system. It is assumed that large non-residential users are separately addressed in the Recreational/Aesthetic, Agricultural, Industrial/Commercial, and Mining/Dewatering sections of this report.

All Domestic Self-Supply water use is assumed to be fresh ground water. Domestic Self-Supply water use estimates are based upon a combination of population and conceptual water use data. The Domestic Self-Supply population for a given county is calculated as the difference between the county-level functional population and the total Public Supply population served for that same county (see Table 2, column 4). "Functional Population" refers to a seasonally-adjusted annual average number of persons in the

county (year round residents plus a fraction of the seasonal-only population).

Assuming that self-supplied water users have the same water use habits and thus the same per capita water use as the people served by the Public Supply systems, the residential per capita data from Appendix A-2 is employed to calculate Domestic Self-Supply water use for each county. Water use is estimated by multiplying the residential per capita water use by the Domestic Self-Supply population. It is believed that very high or very low residential per capita values reported in Table 2 may be the result of insufficient data availability for a county rather than extremely different residential water use habits from one county to another.

This section replaces the "Rural" category used in earlier editions of this report. To directly compare Domestic Self-Supply water use to previous Rural water use estimates, it is necessary to combine the Domestic Self-Supply and "Additional Estimated Public Supply" values in the previous section.

2001 Data

The total amount of Domestic Self-Supply water use within the District was estimated to be approximately 49 mgd during 2001. Table 2 lists each county's population and water use details.

Domestic Self-Supply water use among counties is compared in Figure 5. Citrus County, which had the largest Domestic Self-Supply population, is estimated to have consumed the most water in this category with approximately 13 percent or 6 mgd of the total use.

Since Domestic Self-Supply water use is estimated based on Public Supply data, it is assumed that the monthly use pattern tracks that of Public Supply. As a result, a separate monthly fluctuation is not included in this report.

Table 2. Summary of Domestic Self-Supply Water Use, 2001.

COUNTY	Functional Population (1)	Population Served by Public Supplier (2)	Self-Supply Population (3)	Residential Per Capita (gpcd) (4)	Self-Supply Water Use (mgd) (5)
* CHARLOTTE	158,089	118,557	39,532	103	4,072
CITRUS	130,717	71,100	59,617	108	6,439
DESOTO	36,301	11,151	25,150	84	2,113
HARDEE	29,142	12,927	16,215	42	0,681
HERNANDO	143,117	121,008	22,110	84	1,857
* HIGHLANDS	88,123	68,804	19,319	82	1,584
HILLSBOROUGH	1,048,471	972,821	75,650	85	6,430
* LAKE	2,713	0	2,713	84	0,228
* LEVY	20,521	5,136	15,385	170	2,615
MANATEE	298,999	293,091	5,908	82	0,484
* MARION	68,686	38,297	30,389	211	6,412
PASCO	375,637	316,988	58,649	88	5,161
PINELLAS	1,010,181	996,561	13,620	70	0,922
* POLK	487,311	402,486	84,825	122	4,501
SARASOTA	367,091	356,050	11,041	60	0,662
SUMTER	63,320	33,867	29,453	155	4,565
DISTRICT	4,328,420	3,818,843	509,576	84	48,728

NOTES: (*) Data only for that portion within the District.

(1) Derived from *Florida Estimates of Population; 2000*. Bureau of Economic and Business Research - University of Florida, 2001, and Water Supply Needs and Sources: 1990-2020. Southwest Florida Water Management District, 1997.

(2) From Table 1, "Total P.S. Population" column.

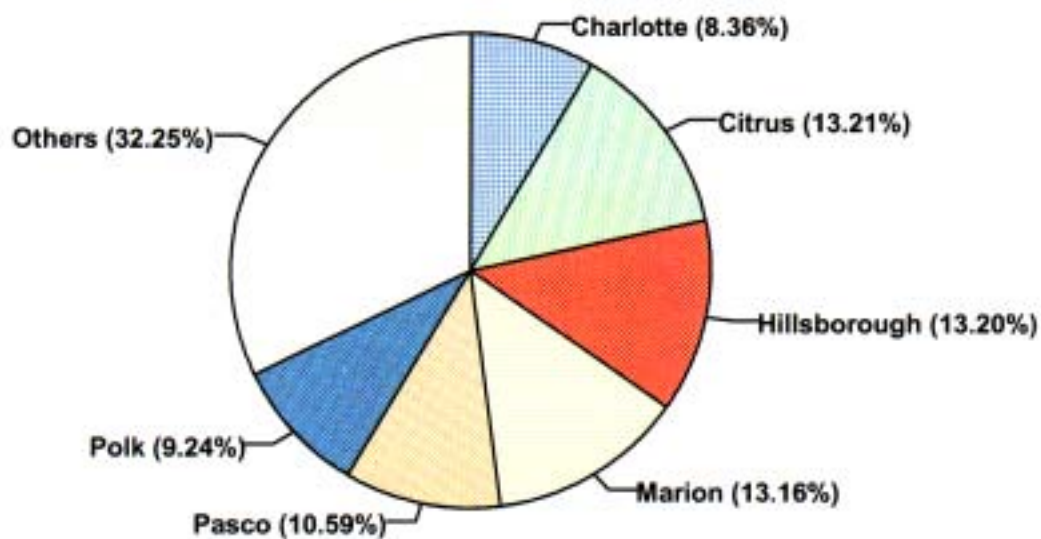
(3) Estimated as "Functional Population" minus "P.S. Served Population".

(4) Taken from A-2, "Residential Per Capita" column. When data unavailable for a county, the District's average was used.

(5) Calculated as Self-Supply Population multiplied by Residential Per Capita.

**Figure 5. Domestic Self Supply
Water Use by County, 2001**

Total = 49 MGD



RECREATIONAL/AESTHETIC WATER USE

Recreational/Aesthetic water use within the District was estimated to be 61 mgd during 2001. The Recreational/Aesthetic category examines the self-supplied freshwater used for the irrigation of golf courses, cemeteries, parks, and other large-scale landscapes. It does not include reclaimed water that is used for those same purposes. In addition to the amounts estimated in this category, it should be noted that freshwater is also used for similar purposes as integral components of other use categories, especially Public Supply. For example, it is not uncommon for the Public Supply permit associated with a new residential development to also serve the development's golf course. Another caveat associated with this category is that there are many Recreational/Aesthetic freshwater users that are too small to need a District permit.

General Information

For the purposes of this report, Recreational/Aesthetic use is divided into three major use types: golf courses, cemeteries/parks/playgrounds, and other uses. Water use permit data were collected and sorted by predominant use type for permits that are required to regularly report pumpage.

2001 Data

Recreational/Aesthetic water use within the District was estimated to be approximately 61 mgd during 2001. Of this amount, 45 mgd was withdrawn from ground water sources, the other 16 mgd was from surface water. As stated above, these amounts do not include reuse, use associated with Public Supply permits, and small self-supplied entities.

Table 3 provides county-level use data for each major use type within the Recreational/Aesthetic category. Regulatory data base comparisons were performed as a check on the quantities listed under each use type. This same information is illustrated in Figure 6. Hillsborough County had the highest county-level use, with approximately 21 percent or 13 mgd of the freshwater use estimated in this category. Following in order of largest use, Polk and Sarasota counties also consumed a significant amount of water for Recreational/Aesthetic use.

From a different perspective, Figure 7 examines water use for different categories. It clearly indicates that golf courses constitute the largest water use within the Recreational/Aesthetic category, representing 64 percent of the total. Cemeteries/Parks/Playgrounds was also a significant water use within this category using 30 percent of the total.

Table A-5 presents permit-specific water use data in detail for this category, grouped by county. The table contains Water Use Permit (WUP) number, permittee name, average amount of water used per day, permitted use, withdrawal source, and type of major use.

The District's monthly estimated Recreational/Aesthetic water use compared to rainfall is presented in Figure 8. Estimated monthly Recreational/Aesthetic water use at the county level can be obtained from Table A-6.

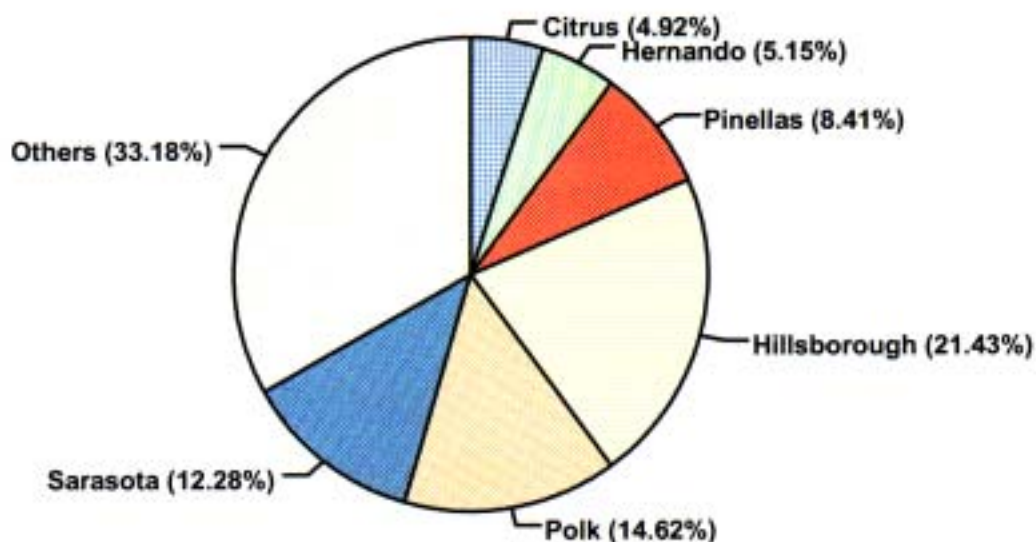
Several golf courses within the District receive reclaimed water from local wastewater treatment facilities. A description of reclaimed water sources and demands can be found in the District's *2001 Annual Reuse Report*. In addition, a complete description of reclaimed water projects funded by the District, in cooperation with local governments, can be found in the annual *Retrofit Programs, Reuse Projects, and Outdoor Water Conservation Efforts Summary Report*. A copy of either report can be obtained by calling the District's Conservation Projects Section of the Resource Conservation and Development Department at (352) 796-7211.

Table 3. Summary of Recreational/Aesthetic Water Use (mgd), 2001.

COUNTY	Cemeteries/ Parks/ Playgrounds	Golf Courses	Other Uses	TOTAL	Ground water	Surface water
CHARLOTTE	0.133	2.787	0.007	2.927	0.697	2.230
CITRUS	0.335	2.672	0.000	3.007	2.860	0.147
DESOTO	0.002	0.169	0.000	0.171	0.171	0.000
HARDEE	0.014	0.219	0.005	0.238	0.199	0.039
HERNANDO	0.421	2.720	0.007	3.148	2.843	0.305
HIGHLANDS	0.414	1.986	0.000	2.400	2.391	0.009
HILLSBOROUGH	5.893	5.329	1.875	13.097	9.530	3.567
LAKE	0.000	0.000	0.000	0.000	0.000	0.000
LEVY	0.233	0.000	0.031	0.264	0.264	0.000
MANATEE	1.695	2.806	0.075	4.576	3.302	1.274
MARION	0.351	2.018	0.158	2.527	2.486	0.041
PASCO	0.962	3.435	0.694	5.091	4.493	0.598
PINELLAS	2.602	2.339	0.200	5.141	2.348	2.793
POLK	2.181	6.512	0.244	8.937	7.438	1.499
SARASOTA	2.507	4.889	0.108	7.504	4.460	3.044
SUMTER	0.608	1.457	0.021	2.086	1.918	0.168
DISTRICT	18.351	39.338	3.425	61.114	45.400	15.714

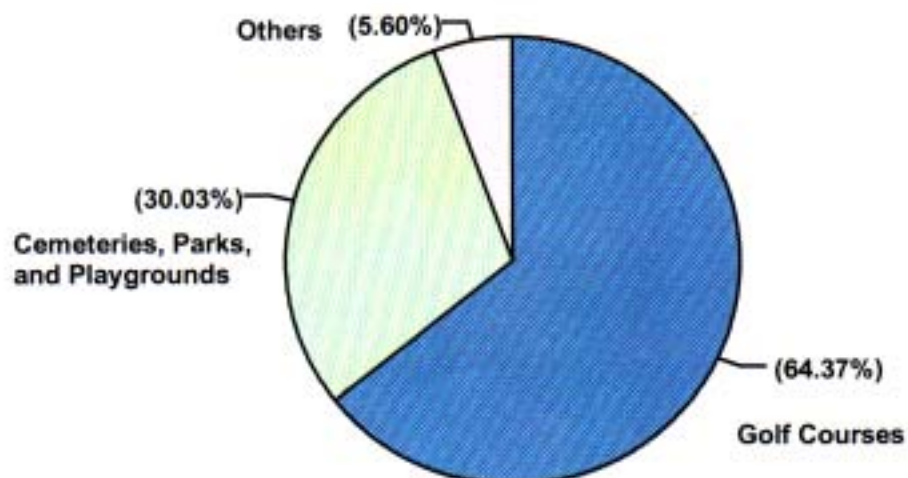
**Figure 6. Recreational/Aesthetic
Water Use by County, 2001**

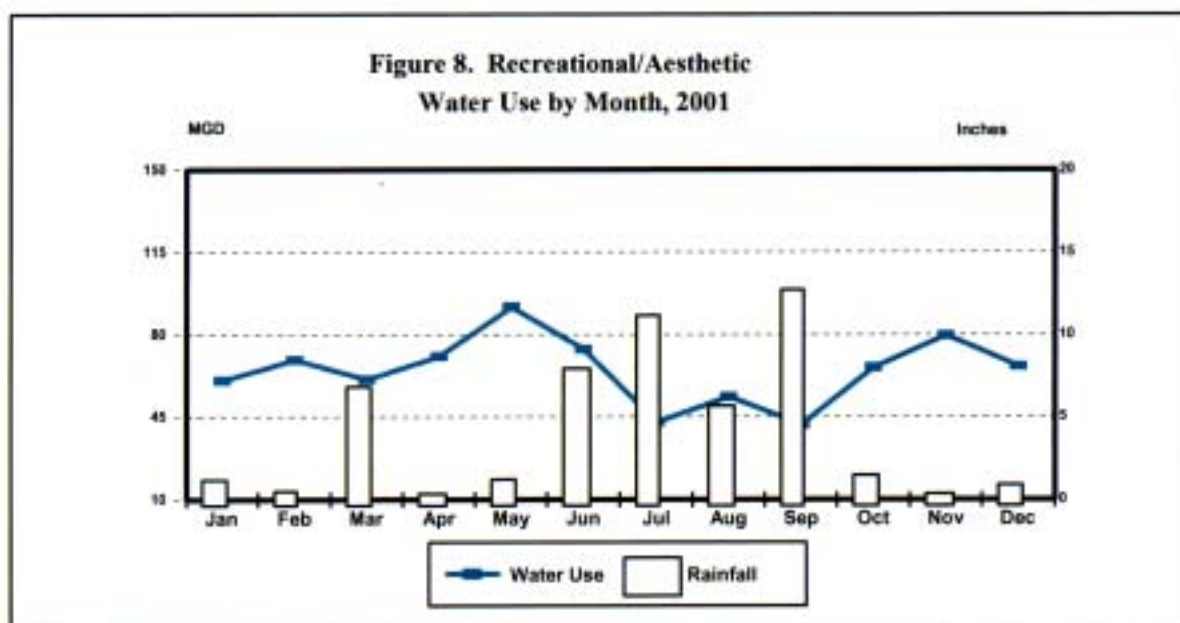
Total = 61 MGD



**Figure 7. Recreational/Aesthetic
Water Use by Type, 2001**

Total = 61 MGD





AGRICULTURAL WATER USE

Agricultural water use was estimated to be 581 mgd in the District during 2001. This category encompasses freshwater use related to agricultural production. Reclaimed water is increasingly being utilized for agricultural irrigation; however, its quantity is not included in this report.

General Information

Historically, agricultural water use estimates were calculated indirectly, based on estimated production acreage and crop water use coefficients. However, since 1989 the District has required agricultural water use permits of 100,000 gallons per day and greater to be metered in the Eastern Tampa Bay and Highlands Ridge WUCAs and 500,000 gallons per day and greater in all other areas of the District.

The District funded the purchase and installation of meters for existing agricultural withdrawals. This program was completed in 1994 with the installation of more than 1,300 meters. In addition, the District has funded the reimbursement of approximately 860 additional agricultural meters to permittees. Because many permits have more than one withdrawal point several meters may have been installed for a single permit. Monthly water withdrawals are read by the permittees and submitted to the District to be entered into the District's Regulatory Database (RDB), and used as a basis for the estimation of agricultural water use. Beginning in 1991, this report employed pumpage data from the RDB to approximate agricultural water use.

Despite these efforts, a large number of withdrawal points are still not metered. In 2001, only 55 percent (317 mgd) of Agricultural water use was reported, leaving 45 percent to be estimated by the District. The number of Agricultural permits required to meter and report pumpage has increased over the years. From 1991 to 2001, this number has increased from 292 to 1155. As more Agricultural permits report pumpage, estimation of water use will become more accurate.

Agricultural water use estimates are prepared for the following major crop types: citrus, sod, ornamental, tomatoes, vegetables, pasture, field

crops, melons, and strawberries. The crop type labeled "Sod" was previously listed as "Turf"; the name change should eliminate confusion with landscape irrigation.

2001 Data

Agricultural water use during 2001 is estimated to be 581 mgd, with approximately 96 percent withdrawn from ground water sources. Table 4 summarizes water use by county and crop type. Regulatory data base comparisons were performed as a check on quantities listed for each crop type. Permit specific water use data for all Agricultural permits reporting pumpage to the District is presented in Table A-7. County-level data are illustrated in Figure 9, and crop type data are shown in Figure 10.

Polk County accounts for the largest Agricultural water use of any county in the District with approximately 21.6 percent or 126 mgd. In Polk County, citrus is the predominant crop. Manatee and DeSoto counties are the second and third largest users (95 and 92 mgd, respectively). Manatee uses the majority of its water for tomato production while DeSoto's agricultural water use is primarily for the production of citrus.

The leading crop in terms of water use during 2001 was citrus, which used 63 percent (364 mgd) of the total water used for agricultural purposes. Tomatoes consumed the second largest amount of water, averaging 69 mgd or 12 percent of the total for its production.

Extracted from Table A-8, Figure 11 illustrates the monthly total estimated Agricultural water use in 2001. For comparison purposes, monthly rainfall is also shown on the figure.

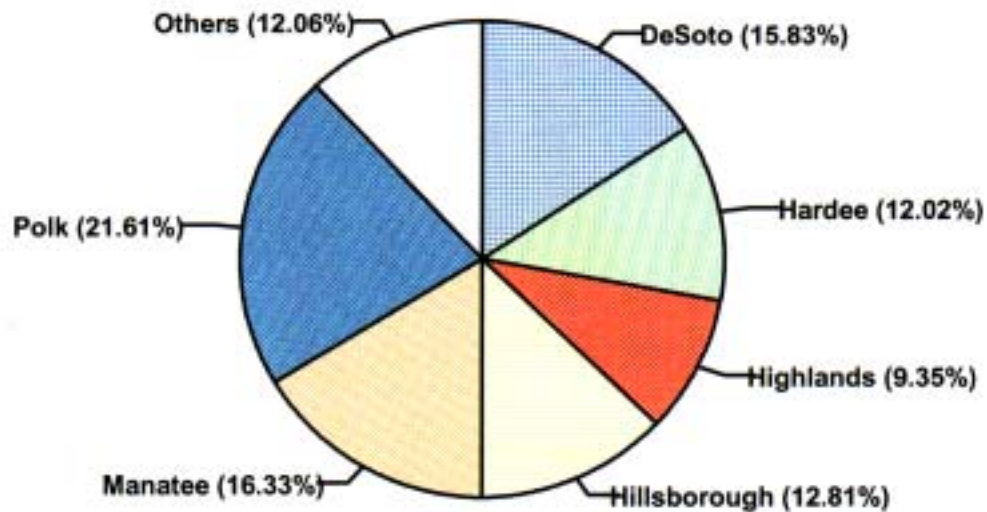
Table 4. Summary of Agricultural Water Use (mgd), 2001.

COUNTY	Citrus	Field Crop	Melon	Orna-mental	Pasture	Sod	Straw- berry	Tomato	Vege- table	Other Uses	TOTAL	Ground water	Surface water
CHARLOTTE	12.292	0.000	2.161	0.336	0.426	0.678	0.000	0.392	1.315	0.046	17.646	14.819	2.827
CITRUS	0.329	0.134	0.694	0.127	0.233	0.000	0.000	0.000	0.220	0.282	2.019	1.917	0.102
DESOTO	78.699	0.312	1.845	0.792	2.041	3.721	0.069	1.745	1.467	1.267	91.958	87.563	4.395
HARDEE	51.245	0.497	2.177	2.058	3.464	0.465	0.113	3.309	4.986	1.524	69.838	69.656	0.182
HERNANDO	1.064	0.113	0.140	0.330	0.275	0.026	0.000	0.000	0.000	0.997	2.945	2.918	0.027
HIGHLANDS	51.296	0.000	0.009	0.911	0.440	0.894	0.015	0.000	0.011	0.766	54.342	47.787	6.555
HILLSBOROUGH	20.289	1.473	0.169	6.611	1.361	1.581	9.686	15.142	12.237	5.860	74.409	2.051	2.358
LAKE	0.901	0.000	0.412	0.000	0.204	0.000	0.000	0.000	0.000	0.003	1.520	1.400	0.120
LEVY	0.000	5.034	2.035	0.139	0.489	0.757	0.000	0.000	0.251	0.122	8.827	8.539	0.288
MANATEE	20.473	1.344	0.571	2.214	1.186	6.823	0.191	46.099	15.312	0.641	94.854	3.553	1.301
MARION	0.004	1.356	1.011	0.527	0.310	0.000	0.000	0.000	0.054	0.383	3.645	3.547	0.098
PASCO	10.051	0.174	0.556	1.199	0.558	0.619	0.168	0.550	1.070	0.761	15.706	15.341	0.365
PINELLAS	0.034	0.000	0.000	0.125	0.000	0.000	0.000	0.000	0.000	0.227	0.386	0.353	0.033
POLK	114.828	0.173	0.207	3.189	1.612	1.232	0.196	0.308	1.270	2.549	125.564	122.128	3.436
SARASOTA	2.115	0.000	0.699	0.237	0.536	0.681	0.000	0.775	1.292	0.156	6.491	6.231	0.260
SUMTER	0.352	0.684	2.579	1.637	1.361	0.334	0.301	0.584	1.177	1.860	10.869	10.463	0.406
DISTRICT	363.972	11.294	15.265	20.432	14.496	17.811	10.739	68.904	40.662	17.444	581.019	558.266	22.753

Note: "Other Uses" represent water use for a wide variety of agricultural activities. Those activities may include, but are not limited to, dairy, poultry, swine, horse and fish farming, vineyards, small fruits, and deciduous fruits.

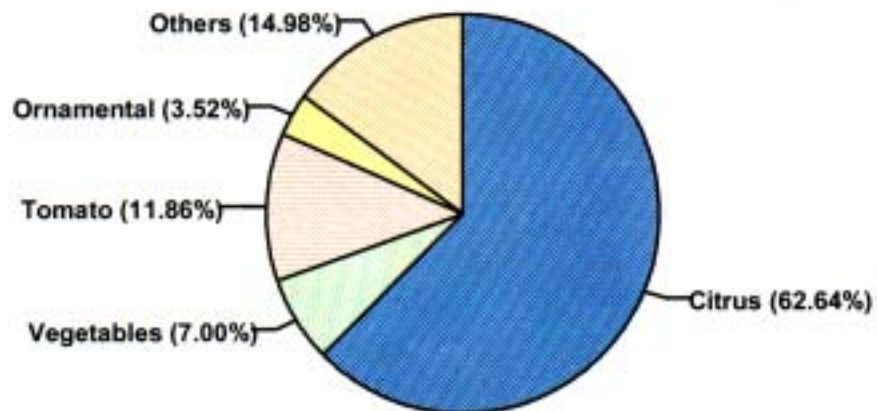
**Figure 9. Agricultural Water Use
by County, 2001**

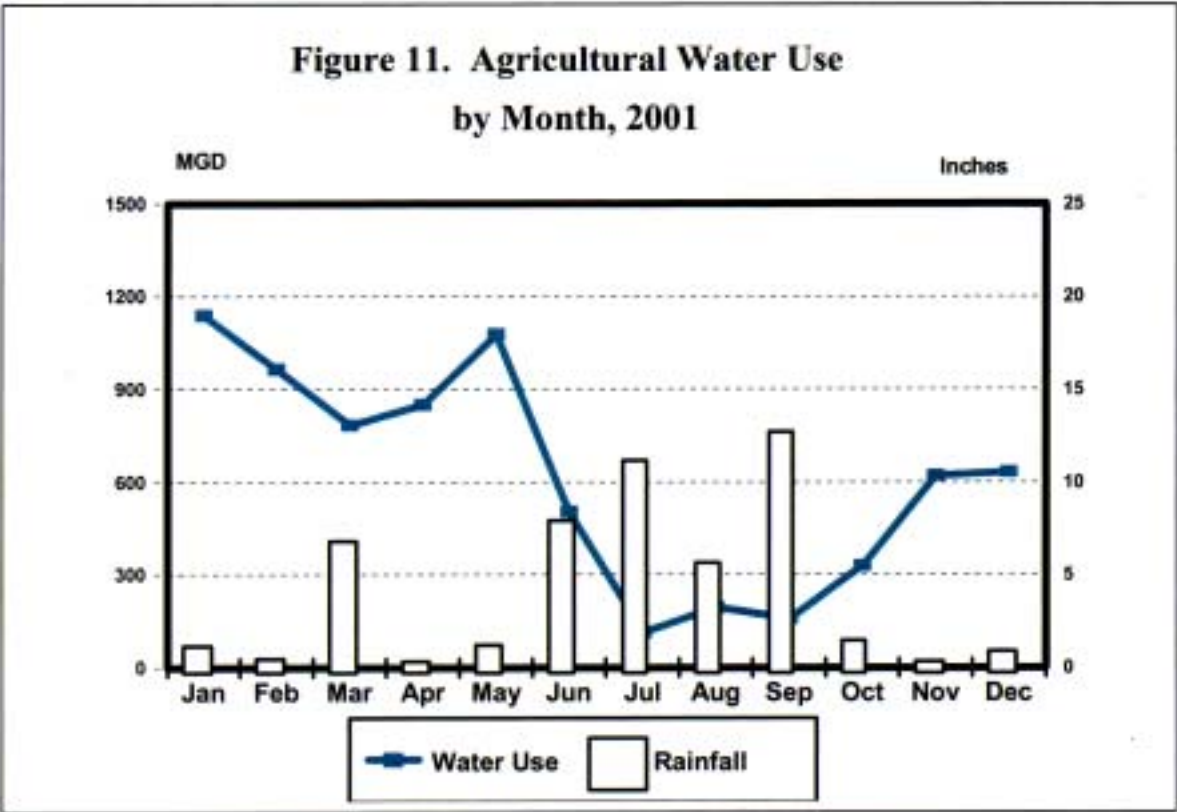
Total = 581 MGD



**Figure 10: Agricultural Water Use
by Crop, 2001**

Total = 581 MGD





MINING/DEWATERING WATER USE

Approximately 70 mgd of freshwater was withdrawn for mining/dewatering purposes in the District during 2001. Determining the consumptive use associated with mining/dewatering operations can be a challenging exercise.

General Information

The Mining/Dewatering water use category studies the freshwater utilized by self-supplied mining operations which are required to regularly report water withdrawals as a condition of their Water Use Permit (WUP). In the District, mining operations primarily produce phosphate ore, limestone (lime rock), sand (typically associated with cement manufacturing), and peat.

"Dewatering" refers to the lowering of the local ground water table through a mine cut or other man-made surface water body. Typically, dewatering is the result of removing water from a mining site to facilitate the process of locating and extracting the desired product. Due to the nature of this process, care must be taken to avoid duplicate reporting of the amount of water involved. For instance, if water is pumped out of an active mining pit or pond and into a nearby surface water body, especially an inactive mining pit or pond, it may quickly return and be pumped repeatedly when there is a strong underground hydraulic connection between the withdrawal point and receiving area.

Mining/Dewatering permits issued by the District in the past have simply been based on pumped water. Unfortunately this permitted value includes water that has been pumped from pond to pond and, in essence, recycled, not consumed. However, permits are now being issued with new criteria that better reflect the actual use. Permitted quantities are now based on the size of the pumps within the operation and the percentage of water in the final processed product. It is hoped that this new permitting procedure will eliminate an unrealistically high water use value for permits within this category. It is anticipated that by 2010 all permits in the Mining/Dewatering category will reflect this new, more accurate, criteria.

Consideration must also be taken to characterize the source of water associated with dewatering. Often, what might be considered a surface water body on the basis of appearance is actually a man-made opening that is deep enough to expose ground water. This report attempts to carefully reflect the source of each permit's withdrawals.

In addition to simply being temporarily or permanently removed to facilitate extraction, water may also be used to transport mined products. For example, some products are crushed and combined with water to create a slurry and pumped into a vehicle or processing facility. Water may also be used to internally produce the electric power needed by a mining operation, a process known as co-generation. Water is also used to wash or otherwise pre-process the mined products as well as to maintain equipment and vehicles.

2001 Data

Total water use for Mining/Dewatering operations in the District was estimated to be 70 mgd during 2001. Of this quantity, 32 percent or 23 mgd is considered to be from surface water sources. Table 5 summarizes county-level water use by product type. Regulatory data base comparisons were performed as a check on the quantities listed under each product classification. As illustrated in Figure 12, Polk and Sumter counties had the most county-level water use. These two counties account for a combined total of 48 mgd of water use for the Mining/Dewatering category. Table A-9 presents permit-specific water withdrawal data for Mining/Dewatering use, grouped by county.

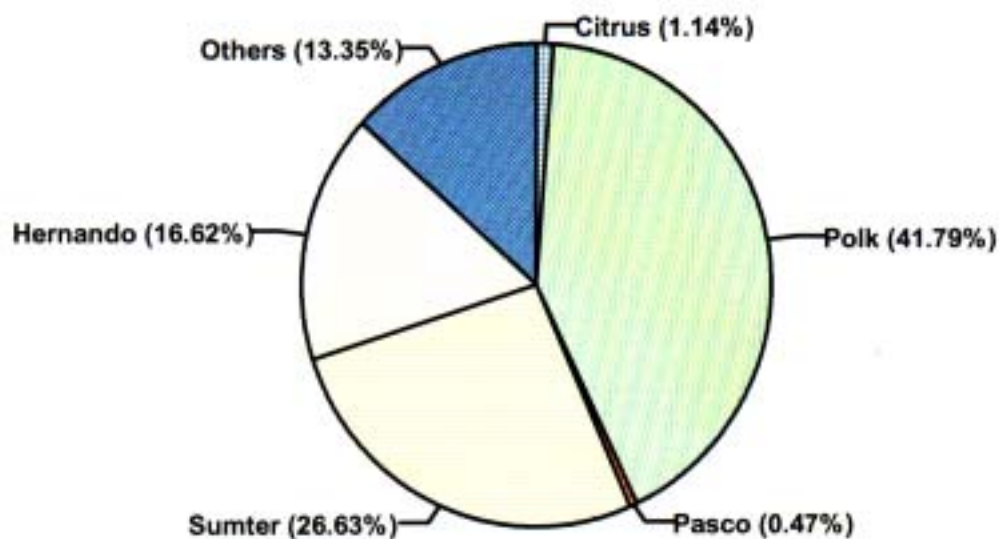
Figure 13 shows that phosphate mining was the single largest freshwater use in the Mining/Dewatering category during 2001, and is estimated to use 32 mgd or 46 percent. Limestone mining also contributes significantly by withdrawing 31 mgd or 44 percent of water use in this category. Estimated monthly water use for Mining/Dewatering is depicted in Figure 14. Detailed county-level data can be obtained from Table A-10.

Table 5. Summary of Mining/Dewatering Water Use (mgd), 2001.

COUNTY	Limestone	Peat	Phosphate	Sand & Shell	Other Uses	TOTAL	Ground water	Surface water
CHARLOTTE	0.000	0.000	0.000	0.330	0.194	0.524	0.004	0.520
CITRUS	0.764	0.000	0.000	0.000	0.035	0.799	0.636	0.163
DESOTO	0.000	0.000	0.000	0.117	0.017	0.134	0.009	0.125
HARDEE	0.000	0.000	2.953	0.008	0.000	2.961	2.953	0.008
HERNANDO	11.651	0.000	0.000	0.000	0.001	11.652	11.577	0.075
HIGHLANDS	0.000	0.024	0.000	0.000	0.000	0.024	0.001	0.023
HILLSBOROUGH	0.048	0.000	3.707	0.630	0.324	4.709	3.761	0.948
LAKE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEVY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MANATEE	0.000	0.000	0.063	0.390	0.000	0.453	0.063	0.390
MARION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PASCO	0.000	0.022	0.000	0.110	0.197	0.329	0.167	0.162
PINELLAS	0.000	0.000	0.000	0.092	0.000	0.092	0.000	0.092
POLK	0.033	0.024	25.288	2.297	1.653	29.295	28.407	0.888
SARASOTA	0.000	0.000	0.000	0.456	0.004	0.460	0.000	0.460
SUMTER	18.627	0.037	0.000	0.000	0.000	18.664	0.006	18.658
DISTRICT	31.123	0.107	32.011	4.430	2.425	70.096	47.584	22.512

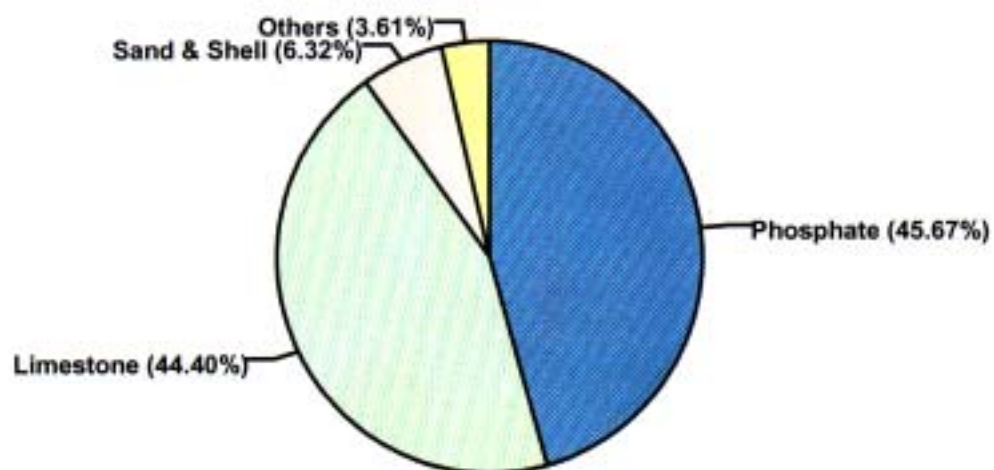
**Figure 12. Mining/Dewatering
Water Use by County, 2001**

Total = 70 MGD

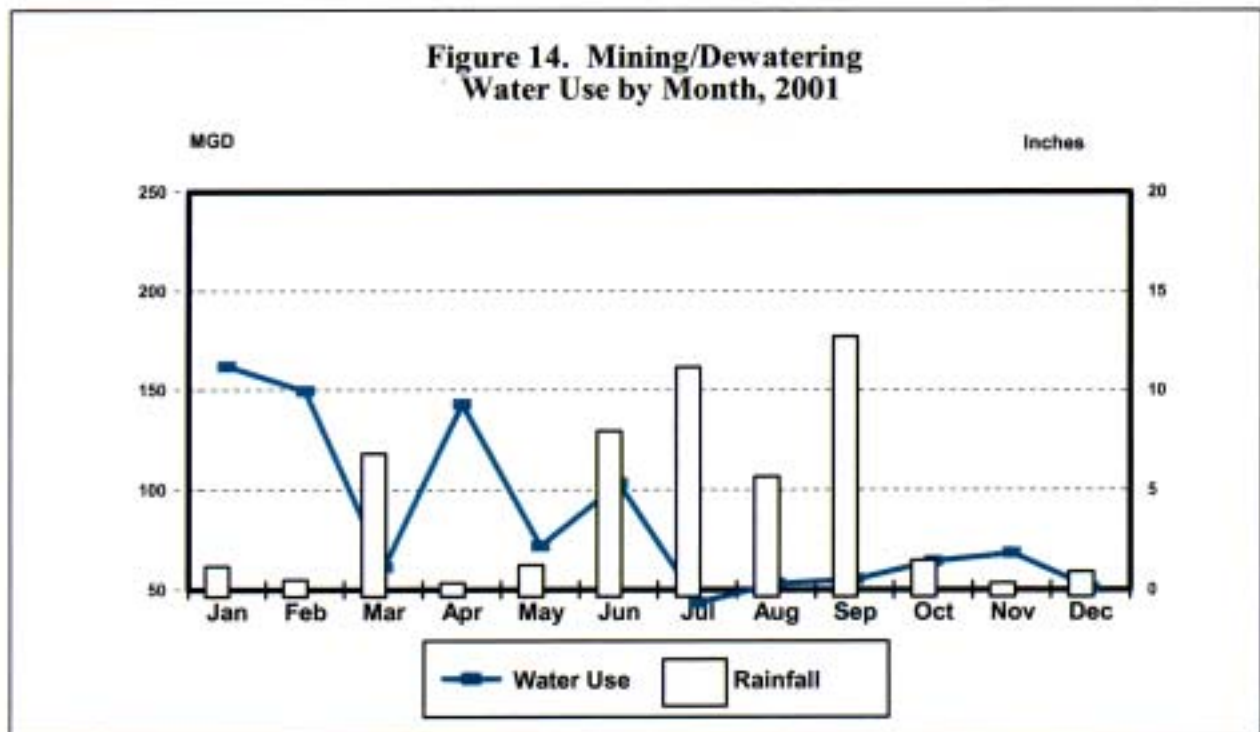


**Figure 13. Mining/Dewatering
Water Use by Product, 2001**

Total = 70 MGD



**Figure 14. Mining/Dewatering
Water Use by Month, 2001**



INDUSTRIAL/COMMERCIAL WATER USE

Industrial/Commercial water use in the District averaged approximately 68 mgd during 2001. The Industrial/Commercial water use category includes non-farm, non-mining businesses that have a self-supplied source of water; for example, hospitals, schools, and cement plants. This category does not include water use for Industrial/Commercial purposes that is purchased from Public Supply systems, since those amounts are an integral component of the Public Supply estimates. It also does not include seawater or reclaimed water, which is used for power generation purposes.

General Information

Industrial/Commercial water use in the District includes the following industrial groups: product manufacturing, food processing or packaging, power generation, and other industrial/commercial uses (typically general manufacturing, or equipment cleaning operations, self-supplied stores, car washes, laundries, schools, prisons, and other commercial buildings and businesses).

The category "Chemical Manufacturing," found in previous reports, has been replaced by "Product Manufacturing." The "Product Manufacturing" category includes water use for chemical manufacturing in addition to cement, asphalt, and other general manufacturing processes.

2001 Data

Industrial/Commercial water use within the District was estimated to be a total of 68 mgd during 2001. Approximately 93 percent of this quantity was acquired from a ground water source.

Table 6 presents county-level water use by industry groups. Regulatory data base comparisons were performed as a check on the quantities listed under each industry classification. Industrial water use data by permittee is detailed in Table A-11. As shown in Figure 15, Polk County is the largest user for Industrial/Commercial purposes, accounting for approximately 57 percent (38 mgd) of this category. Hillsborough County followed with 19 percent (13.4

mgd). The most predominant use of Industrial/Commercial water in Polk and Hillsborough was for product manufacturing purposes. Pasco County is a large user in the Food Processing and Packaging category.

Figure 16 presents industrial water use by industry type during 2001. Product manufacturing consumed most of the Industrial/Commercial water, representing 56 percent of the total and consuming 38 mgd. Power generation was the second largest industry group withdrawing 18 mgd or 27 percent. Food Processing and Packaging was another significant water use category withdrawing 9 mgd (13 percent) of the total.

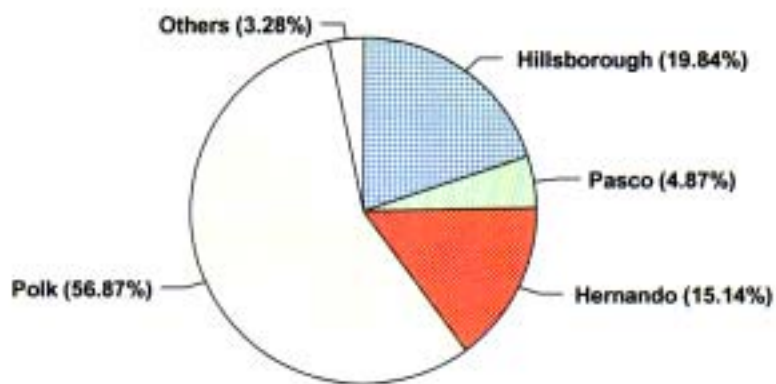
Table A-12 summarizes estimated monthly Industrial/Commercial water use data by county. The estimated District total Industrial/Commercial water use during each month of 2001 is depicted in Figure 17.

Table 6. Summary of Industrial/Commercial Water Use (mgd), 2001.

COUNTY	Food		General Commercial	Power Generation	Other Uses	TOTAL	Ground water	Surface water
	Product Manufacturing	Processing & Packaging						
CHARLOTTE	0.016	0.000	0.000	0.000	0.001	0.017	0.017	0.000
CITRUS	0.097	0.000	0.020	0.629	0.135	0.881	0.781	0.100
DESOTO	0.000	0.028	0.000	0.020	0.000	0.048	0.048	0.000
HARDEE	0.033	0.032	0.000	0.149	0.003	0.217	0.213	0.004
HERNANDO	2.455	0.007	0.000	7.780	0.000	10.242	10.242	0.000
HIGHLANDS	0.051	0.117	0.024	0.000	0.003	0.195	0.182	0.013
HILLSBOROUGH	10.316	1.829	1.236	0.014	0.029	13.424	10.817	2.607
LAKE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEVY	0.024	0.000	0.000	0.000	0.005	0.029	0.029	0.000
MANATEE	0.119	0.030	0.019	0.014	0.061	0.243	0.242	0.001
MARION	0.000	0.000	0.095	0.000	0.006	0.101	0.101	0.000
PASCO	0.332	2.062	0.034	0.696	0.168	3.292	2.977	0.315
PINELLAS	0.020	0.019	0.039	0.000	0.000	0.078	0.054	0.024
POLK	24.291	4.650	0.844	8.595	0.087	38.467	36.899	1.768
SARASOTA	0.004	0.000	0.059	0.112	0.005	0.180	0.175	0.005
SUMTER	0.129	0.011	0.066	0.000	0.025	0.231	0.231	0.000
DISTRICT	37.887	8.785	2.436	18.009	0.528	67.645	62.808	4.837

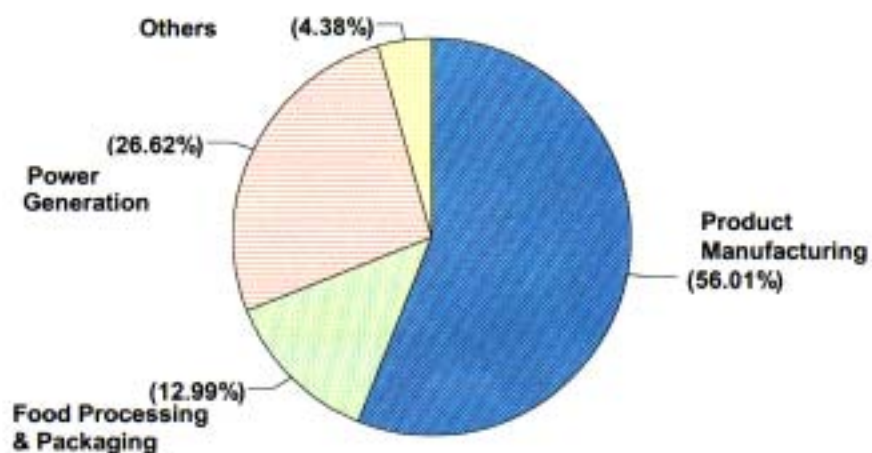
**Figure 15: Industrial/Commercial
Water Use by County, 2001**

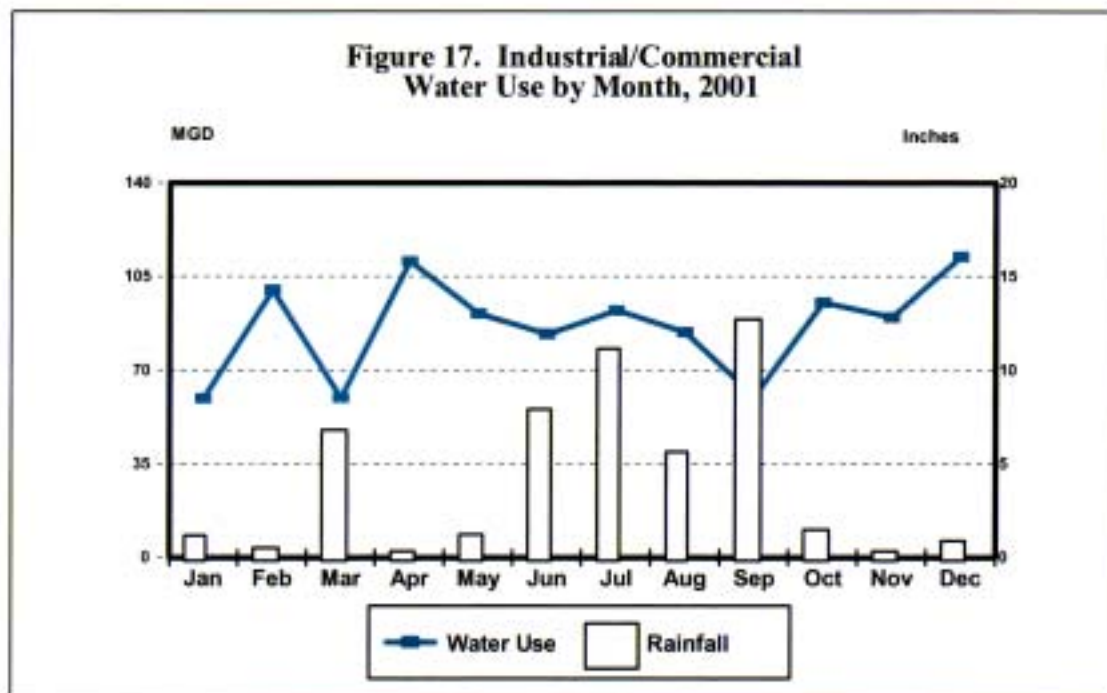
Total = 68 MGD



**Figure 16. Industrial/Commercial
Water Use by Type, 2001**

Total = 68 MGD





TOTAL WATER USE

The majority of data found in this report was extracted from the District's Regulatory Database. The Database has increased significantly in size through the years and continues to become more valuable when estimating water use. To give some insights into the Regulatory Database, Table 7 summarizes the number of permits that report their water use versus total number of permits issued. From 1992 to 2001, the number of permits reporting water use to the District has increased from 1,164 to 1,754. Although the current number of permits issued (8,783) is large when compared to the total number of reporting permits, the water use of non-reporting permits represents only 23 percent of the total water use in the District.

Table 8 identifies the quantities of reported versus estimated water use by county and category in the District. As of 2001, 94 percent of all non-agricultural water use was metered and reported to the District, conversely only 55 percent (317 mgd) of Agricultural water use was reported, leaving 45 percent to be estimated by the District. As more Agricultural permits report pumpage, estimation of water use will become more accurate. Domestic Self-Supply water use, which is not permitted by the District and completely estimated, is not included in the above calculations.

2001 Data

In 2001, an average of 1.3 billion gallons of freshwater was withdrawn each day in the District. This amount represents enough water to fill approximately 104,000 average residential swimming pools each day. Total water use data for calendar year 2001, found in Table 9, was defined by summarizing the county-level values presented in earlier sections of this document.

The shaded columns in Table 9 show the amount of water used (not withdrawn) in each county. The "Total (Withdrawal)" column differs from the "Total (Use)" column for each county because a portion of the water used for Public Supply purposes is transferred to and consumed in counties other than where it originated. When this transfer is taken into consideration, Polk and Hillsborough

counties were the largest total water users with 274 and 239 mgd, respectively.

Figure 18 illustrates the county-level differences in total freshwater withdrawal. The portion of Polk County with District boundaries withdrew the largest quantity, an estimated 274 or 20 percent of the District's total. This amount reflects freshwater-intensive economic activities for a variety of uses. Hillsborough County takes the second (279 mgd) place with respect to the total water withdrawal. It is interesting to note the difference between Hillsborough and Pasco County water use. These two counties share a common economic scene--relatively intensive in various industries and heavy in the Public Supply sector. Yet, between the two counties, there is an important difference in Public Supply withdrawal. In Hillsborough, Public Supply water withdrawal is used to support its own population growth. But in Pasco, a great portion of freshwater withdrawal for Public Supply is transported to Pinellas County to supply water to its residents.

Total water use is examined from a different perspective in Figure 19. This figure emphasizes the complex composition of freshwater use within the District. Agricultural water use constitutes the largest single withdrawal category with approximately 43 percent (581 mgd) of the total freshwater use. Also significant is Public Supply water use, including Domestic Self-Supply, which consumed 41 percent (560 mgd).

Figure 20 illustrates the amount of ground water versus surface water withdrawn by each county. Polk County withdrew the most ground water (272 mgd) in the District. Polk County's large agricultural industry significantly contributed to this amount. Hillsborough County withdrew the most surface water in the District (87.6 mgd).

Ground water versus surface water withdrawal by category is presented in Figure 21. The majority of ground water is withdrawn for Agricultural and Public Supply activities. While the most surface water was withdrawn for Public Supply activities, the Mining/Dewatering category is the only category that uses roughly equivalent surface water and ground water quantities.

Table 7. Summary of Water Use Data in the District's Regulatory Database, 2001.

Category	1997	1998	1999	2000	2001	2001 Total
	- Reported Pumpage (Quantities in mgd) -					2001 Total Permitted Quantity for All Permits (mgd) (1)
Agricultural	263	293	312	398	318	1101
Industrial/Commercial	74	76	72	68	66	171
Mining/Dewatering	119	113	104	80	65	196
Public Supply	475	494	509	528	503	769
Recreational/Aesthetic	48	43	49	41	32	109
DISTRICT TOTAL	979	1019	1046	1115	984	2346
	- Number of Reporting Permits (2) -					2001 Total Number of Existing Permits (1)(2)
Agricultural	1169	1186	1200	1166	1155	6912
Industrial/Commercial	97	97	89	87	88	310
Mining/Dewatering	68	69	53	42	35	110
Public Supply	303	303	280	276	263	628
Recreational/Aesthetic	242	245	233	221	213	823
DISTRICT TOTAL	1879	1900	1855	1792	1754	8783

Note: (1) Contains data for both reporting and non-reporting permits.

(2) Number of permits reflects multiple entries for multi-use permits.

"Reporting Permits" are required to report pumpage to the District.

Table 8. Estimated Versus Reported Water Use by Category and County in the District, 2001.

COUNTY	WATER WITHDRAWAL	AGRICULTURE	INDUSTR./ COMMER.	MINING/ DEWATER.	DOMESTIC SELF-SUPPLY	PUBLIC SUPPLY	REC/ AESTHETIC	DISTRICT TOTAL
		(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)
CHARLOTTE	Reported	9.521	0.012	0.000	0.000	6.052	1.092	16.677
	Estimated	8.125	0.005	0.524	4.072	0.038	1.835	14.599
CITRUS	Reported	0.001	0.760	0.613	0.000	12.035	2.504	15.913
	Estimated	2.018	0.122	0.186	6.439	0.733	0.503	10.001
DESOTO	Reported	58.382	0.000	0.029	0.000	12.761	0.048	71.220
	Estimated	33.574	0.048	0.105	2.113	0.057	0.123	36.020
HARDEE	Reported	24.326	0.033	2.953	0.000	1.228	0.000	28.540
	Estimated	45.512	0.185	0.008	0.681	0.431	0.237	47.054
HERNANDO	Reported	0.436	10.212	11.573	0.000	19.602	2.076	43.899
	Estimated	2.509	0.030	0.078	1.857	0.400	1.072	5.946
HIGHLANDS	Reported	38.080	0.134	0.000	0.000	7.809	1.986	48.009
	Estimated	16.262	0.060	0.024	1.584	0.454	0.414	18.798
HILLSBOROUGH	Reported	43.480	12.899	3.732	0.000	165.399	6.843	232.353
	Estimated	30.929	0.525	0.977	6.430	1.514	6.253	46.628
LAKE	Reported	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Estimated	1.519	0.000	0.000	0.228	0.000	0.000	1.747
LEVY	Reported	3.239	0.000	0.000	0.000	0.918	0.000	4.157
	Estimated	5.588	0.029	0.000	2.615	0.037	0.265	8.534
MANATEE	Reported	79.225	0.149	0.453	0.000	46.531	1.123	127.481
	Estimated	15.630	0.094	0.000	0.484	0.009	3.452	19.669
MARION	Reported	0.246	0.084	0.000	0.000	7.086	2.075	9.491
	Estimated	3.400	0.017	0.000	6.412	0.636	0.453	10.918
PASCO	Reported	2.231	3.218	0.000	0.000	91.699	2.450	99.598
	Estimated	13.475	0.075	0.330	5.161	1.724	2.640	23.405
PINELLAS	Reported	0.178	0.032	0.000	0.000	33.381	1.072	34.663
	Estimated	0.209	0.047	0.092	0.953	0.183	4.069	5.553
POLK	Reported	51.579	37.864	28.934	0.000	65.296	5.498	189.171
	Estimated	73.985	0.603	0.360	10.349	1.690	3.439	90.426
SARASOTA	Reported	4.495	0.019	0.276	0.000	26.517	3.082	34.389
	Estimated	5.044	0.160	0.184	0.662	0.057	4.423	10.530
SUMTER	Reported	1.243	0.103	15.317	0.000	6.290	1.863	24.816
	Estimated	9.626	0.129	3.347	4.565	0.377	0.223	18.267
DISTRICT	Reported	316.662	65.519	63.880	0.000	502.604	31.712	980.377
	Estimated	267.405	2.129	6.215	54.605	8.340	29.401	368.095

Table 9. Summary of Total Estimated Water Withdrawal/Use (mgd) by County and Category, 2001

COUNTY	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply (Withdrawal)	Domestic Self-Supply	Recreational Aesthetic	TOTAL (Withdrawal)(1)	Public Supply (Use)(2)	TOTAL (Use)(3)
CHARLOTTE	17.646	0.017	0.524	6.090	4.072	2.927	31.276	14.366	39.552
CITRUS	2.019	0.881	0.799	12.768	6.439	3.007	25.913	12.781	25.926
DESOTO	91.958	0.048	0.134	12.818	2.113	0.171	107.242	1.300	95.724
HARDEE	69.838	0.217	2.961	1.659	0.681	0.238	75.594	1.591	75.526
HERNANDO	2.945	10.242	11.652	20.002	1.857	3.148	49.846	19.319	49.163
HIGHLANDS	54.342	0.195	0.024	8.263	1.584	2.400	66.808	8.332	66.877
HILLSBOROUGH	74.409	13.424	4.709	166.914	6.430	13.097	278.983	126.436	238.505
LAKE	1.520	0.000	0.000	0.000	0.228	0.000	1.748	0.000	1.748
LEVY	8.827	0.029	0.000	0.955	2.615	0.264	12.690	0.893	12.628
MANATEE	94.854	0.243	0.453	46.540	0.484	4.576	147.150	37.053	137.663
MARION	3.645	0.101	0.000	7.722	6.412	2.527	20.407	8.265	20.950
PASCO	15.706	3.292	0.329	93.423	5.161	5.091	123.002	36.099	65.678
PINELLAS	0.386	0.078	0.092	33.564	0.922	5.141	40.183	114.405	121.024
POLK	125.564	38.467	29.295	66.986	4.501	8.937	273.750	69.037	275.801
SARASOTA	6.491	0.180	0.460	26.574	0.662	7.504	41.871	31.669	46.966
SUMTER	10.869	0.231	18.664	6.668	4.565	2.086	43.083	6.311	42.726
DISTRICT	581.019	67.645	70.096	510.946	48.728	61.114	1339.548	487.857	1316.459

(1) Total (Withdrawal) = The sum of the preceding six columns and represents total water withdrawal by county for all categories.

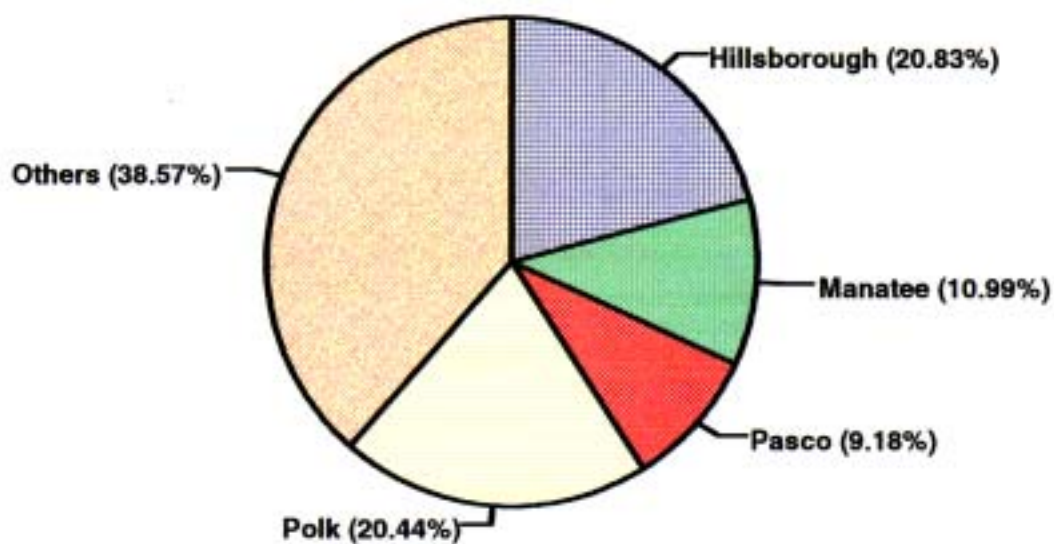
(2) Public Supply (Use) = represents total consumptive use of public supply water within a county. When compared to Public Supply (Withdrawal) column, a large difference would represent an import or an export of publicly supplied water from one county to another. For a more detailed list of transfers, see Appendix A, Table A-3.

Note: Public Supply (Use) versus (Withdrawal) differences in Citrus, Hardee, Hernando, Highlands, and Marion is the result of data being obtained from two different sources with slightly different numbers (not intercounty transfers).

(3) Total (Use) = "Total (Withdrawal)" minus "Public Supply (Withdrawal)" plus "Public Supply (Use)" and represents consumptive use of publicly supplied water in the county.

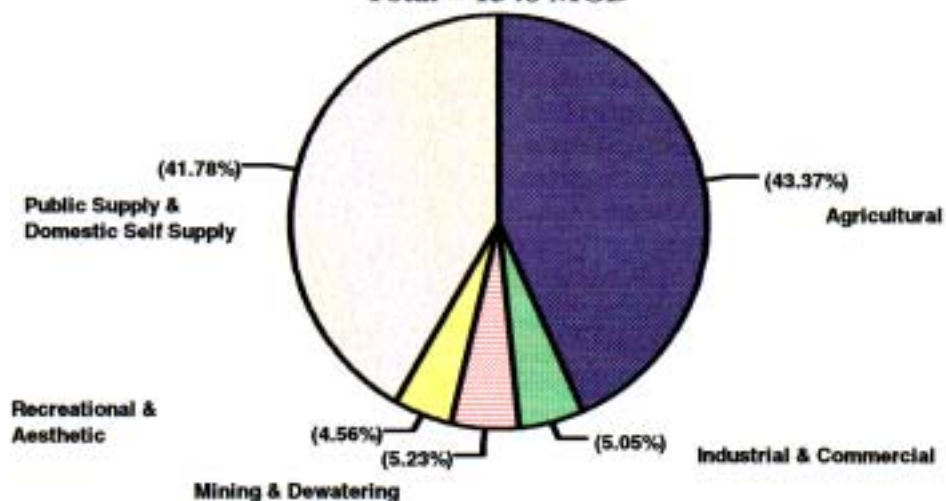
**Figure 18. Total Water Withdrawal
by County, 2001**

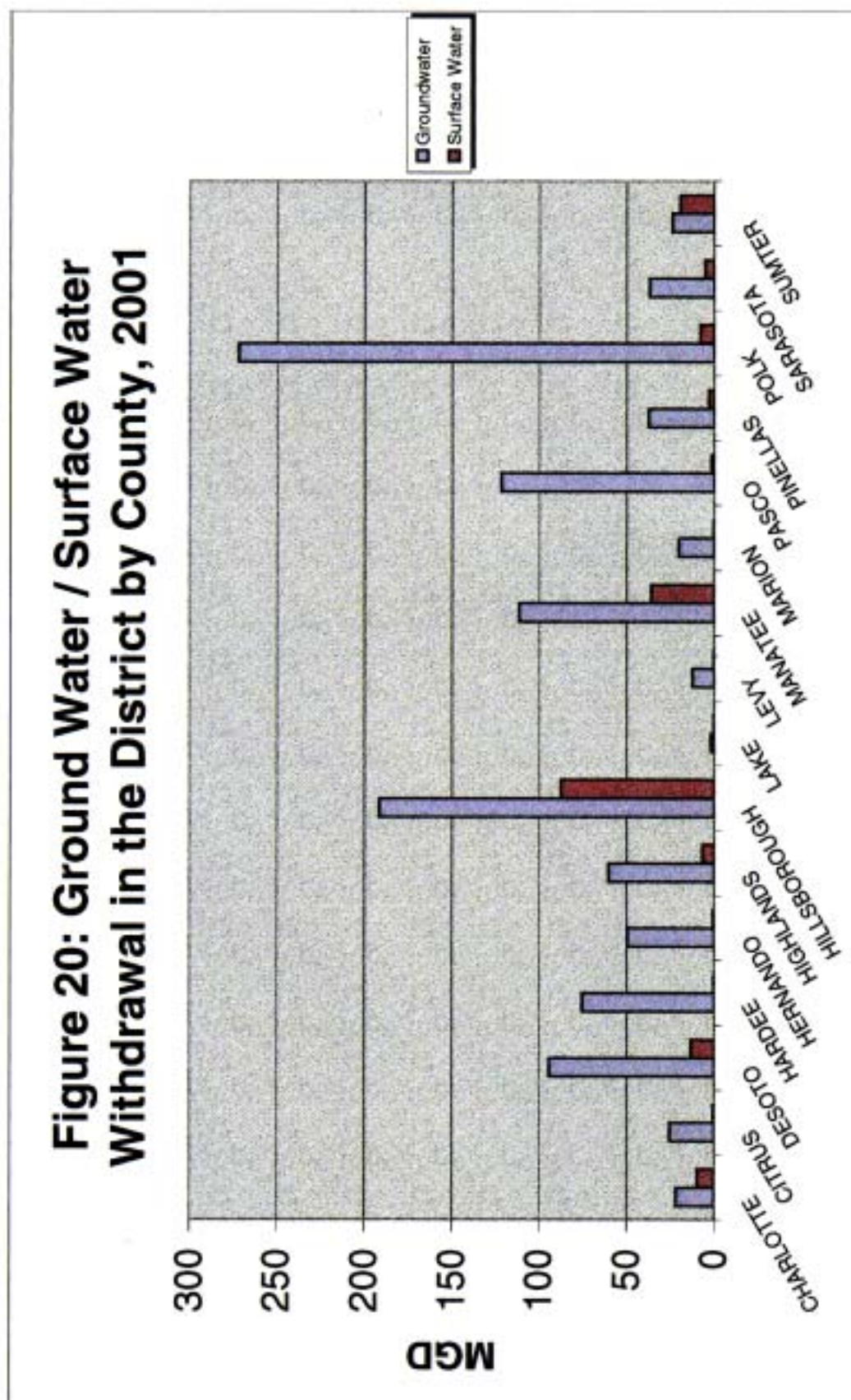
Total = 1348 MGD



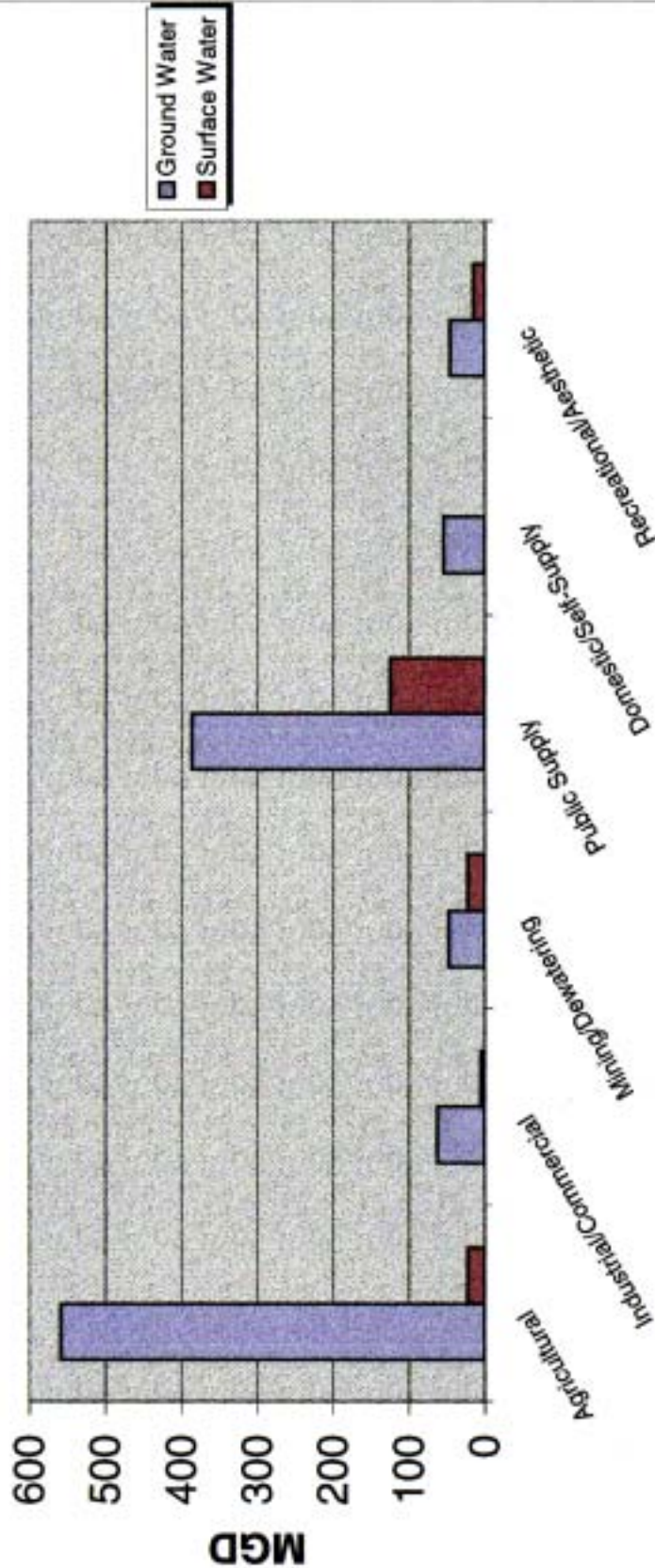
**Figure 19. Total Water Withdrawal
by Category, 2001**

Total = 1348 MGD





**Figure 21: Ground Water /Surface Water Withdrawal
in the District by Category, 2001**



Summary

During 2001, approximately 1.3 billion gallons of freshwater were withdrawn on an average day in the District. Agriculture constitutes the largest use category at this time. County-wide, Polk withdraws the most freshwater for use to support its diverse industries and population growth. Multi-year water use trends depend on complex combinations of factors that differ from category to category. Past and on-going refinements of District methodologies have resulted and will continue to result in better estimations of freshwater use.

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APPENDIX A

DETAILED LISTS OF WATER USE

Important Information Regarding Tables A-1, A-2, and A-3

The holder of each Public Supply permit issued for 100,000 gpd or greater receives an "Annual Public Supply Permittee Survey" which requests various information about the permittee's water use. The survey includes inquiries regarding pumpage, imports, exports, treatment plant loss, significant use, environmental mitigation, service population estimates (both permanent and seasonal), reuse and desalination information, inter-permit transfer information, and percentage breakout by customer-type.

Each Public Supply permittee located within a Water Use Caution Area (WUCA) is required to supply the District with answers to the survey's questions by July 1st of each year. All other permittees not located within a WUCA respond to the survey on a voluntary basis only. A compilation of the data received by the District is presented in Tables A-1, A-2, and A-3. An exclamation point located after a permittee's name on each table identifies those permittees who did not submit the requested information. In this case, the District estimates the requested data using the District's Regulatory Database, the Bureau of Economic and Business Research's (BEBR's) population estimates, and any other resources the District feels are appropriate to make a reasonable estimate for that permit. In addition, if withdrawal information submitted to the District is significantly different than BEBR estimates, an individual evaluation is made using BEBR and the permittee's submitted data. It is also important to note that compliance checks of the information submitted to the District are independent of this report.

Interpretation of Table A-1.

Table A-1 presents a detailed list of Public Supply water use throughout the District. The first three columns are "County of Use," "Permit Number," and "Permit Name," and are all self explanatory. Column Four, "Withdrawal," refers to the amount of water withdrawn from the wells and pumps associated with the named withdrawal points of the permit. The withdrawal source can come from either surface water, ground water or reverse osmosis of brackish water and is indicated in Column Five. "SW" refers to Surface Water, "GW" refers to ground Water and "RO" refers to Reverse Osmosis.

If a permit purchases or transfers water from another supplier it is referred to as "imported" water. The sum total of water "imported" by a permit from any other permit(s) is listed under Column Six. Conversely, water sold or transferred to any other permits(s) is considered "exported" water. The sum total of water "exported" by a permit to any other permit(s) is listed under Column Seven.

"Treatment Loss" refers to water lost during the treatment process. Typically, the two major processes that result in "lost" water are sand filtration and reverse osmosis. The majority of potable water "lost" during sand filtration is due to the backwash process. Water "lost" during the reverse osmosis process is mostly the result of discharging the concentrate by-product. Any "Treatment Loss" associated with a permit is listed under Column Eight.

"Gross Use" is simply the calculation of "Withdrawal" plus "Imports" minus "Exports" minus "Treatment Loss." It quantifies the amount of water distributed throughout the permit's service area on an average daily basis. "Gross Use" for each permit is identified in Column Nine.

"Population" is the number of people located within a permittee's service area. This number may include both seasonal and permanent residents. For areas where there are significant seasonal fluctuations, a weighted average adjustment of the populations may have been submitted to the District and is reported in Table A-1. Otherwise, the permanent population is shown. "Population" of each permit's service area is located under Column Ten.

"Unadjusted Gross Per Capita Use" is the calculation of "Gross Use" divided by "Population." "Unadjusted Gross Per Capita Use" is generally considered to be population-related withdrawals of water associated with residential, business, institutional, industrial, miscellaneous metered, and unaccounted uses. It is important to note that in previous editions of **Estimated Water Use**, "Unadjusted Gross Per Capita Use" was simply called "Gross Per Capita. All Public Supply permits have an "Unadjusted Gross Per Capita Use" value identified in Column Eleven.

"Significant Use" is defined as an individual non-residential customer using 25,000 gallons per day or greater on an annual average basis, or an individual non-residential customer whose use represents greater than five percent of the utility's annual water use. "Significant Use" is reported under Column Twelve.

"Environmental Mitigation" refers to quantities permitted by the District which allow for the pumping of water to a specific area for non-consumptive environmental purposes. These values are reported under Column Thirteen.

"Gross Per Capita" refers to a population-related water use which allows for the deduction of "Significant Use" and "Environmental Mitigation" and can be found in Column Fourteen. "Gross Per Capita" is a value that only applies to those permits located within a WUCA as stated in Chapter Seven of the Basis of Review of the Florida Administrative Code, Rule 40D-2.091. If a permit is not located within a WUCA, no value is shown but it is important to note that the calculation of gross per capita is the best measure of service-area-population-based residential and commercial water use efficiency. "Gross Per Capita" = ("Gross Use" minus "Significant Use" minus "Environmental Mitigation") divided by "Population."

"Reuse/Desalination Credit" is best explained by separating the two available credits. A "Reuse Credit" is identified if a utility provides reclaimed water to customers outside of its service area. The purpose of the credit is to provide equity between utilities that provide reclaimed water to customers within their service area, which tends to reduce per capita usage, and those that provide reclaimed water to non-service area customers, which does not reduce per capita water usage. The "Reuse Credit" is equal to the amount of water that would be permitted for a freshwater withdrawal for that use.

The "Desalination Credit" is an incentive to develop desalinated water sources. The "Desalination Credit" is equal to 50 percent of the finished water produced from desalination. Both credits are identified under Column Fifteen. At this time, both the "Reuse and Desalination Credits" are only valid if a permit is located within a WUCA. However, if a permit submitted information to the District claiming they met the guidelines to either type of credit (even though they are not located within a WUCA), the value of the credit is shown but no "Compliance Per Capita" is calculated.

"Compliance Per Capita" is a population-related water use which allows for the deduction of "Significant Use," "Environmental Mitigation," and a "Reuse/Desalination Credit." "Compliance Per Capita" is a value that only applies to those permits located within a WUCA and is calculated in Column Sixteen. For those permits falling outside of a WUCA, no value is shown. The formula is as follows: "Compliance Per Capita" = ("Gross Use" minus "Significant Use" minus "Environmental Mitigation" minus "Reuse/Desal Credit") divided by "Population."

Interpretation of Table A-2

As part of the requirement of permits located within WUCA boundaries, each Public Supply permit holder must provide the District with information regarding their service area. The utility's water distribution must be categorized into the following areas by percentage: Agricultural, Industrial/Commercial, Mining/Dewatering, Residential, Recreational/Aesthetic, Fire/Other, and unaccounted for water. All non-WUCA permits submitting this information are done on a voluntary basis. Permittees who did not submit data to the District appear with an exclamation point following their names. Data for these permits were obtained from previous reports.

The first three columns are "County," "Permit Number," and "Permit Name(s)," and are all self-explanatory. Column Four refers to "Gross Use" and is taken directly from Table A-1, Column Nine. "Gross Use" refers to the amount of water withdrawn by a permit, plus any imports, minus any exports, minus any treatment plant loss.

Columns Five through Eleven are values that are directly submitted to the District by the permittee. They represent the percent breakout of the utility's service population. A total of all the categories equals 100 percent.

"Residential Use" in Column Twelve represents the amount of water supplied by the utility going directly to residents for consumption. All non-residential water consumption is excluded. "Residential Use" is calculated by multiplying "Gross Use" by the "Percent Residential."

"Population Served" is taken directly from Table A-1 and can be found in Column Thirteen.

"Residential Per Capita" represents the average amount of water used by each person within a service area for residential activities such as cooking, washing vehicles, irrigating landscape, showering, etc. It does not include water use by restaurants, schools, car washes, etc. These activities are considered non-residential and are accounted for under different categories. "Residential Per Capita" can be found in Column Fourteen.

"Per Capita" is listed for comparison purposes only. It is taken directly from Table A-1 and represents an average per person consumption of water which includes non-residential uses. "Per Capita" is found in Column Fifteen.

"Unaccounted For Use" represents the average amount of water lost after leaving the treatment plant resulting from system leaks, inaccurate meters, non-billed accounts, etc. This value is calculated in Column Sixteen by multiplying "Gross Use" by "Percent Unaccounted For."

"Industrial/Commercial Use" represents the average amount of water provided by a utility used directly for Industrial/Commercial purposes. This value is calculated in Column Seventeen by multiplying "Gross Use" by "Percent Industrial/Commercial."

It is important to note that not all permits found in Table A-1 are identified in Table A-2. If the District was unable to provide a reasonable estimate of percent breakout of service area, the permit was excluded from Table A-2.

Interpretation of Table A-3

This table identifies significant inter-permit water transfers submitted to the District in response to the "Public Supply Permittee Survey." In some cases, a different import/export number may have been reported by the two permits involved in the transfer. For instance, Permit A might report they receive 2.0 million gallons per day from Permit B, while Permit B reports they supply Permit A with 2.2 million gallons per day. The difference in import/export amounts may be a result of system loss, billing inconsistencies, or some other accounting differences.

The first three columns indicate "County," "Permit Number," and "Permit Name," and are all self-explanatory. The "Import Details" section identifies the Water Use Permit (WUP) Number supplying the water, the county where the water will be consumed, and the amount exported. If no data are located within the "Export Details" section, no export of water takes place. It is important to note that not all transfers are easily identified as moving from one specific WUP number to another. In this case, the term of "system" is used to identify multi-permit transfers taking place.

TABLE A-1: REPORTED PUBLIC SUPPLY WATER USE, 2001 DETAILED DATA

COUNTY OF USE	PERMIT #	NAME(S)	WITHDRAWAL (MGD)	SOURCE (MGD)	IMPORTS (MGD)	EXPORTS (MGD)	TREATMENT LOSS (MGD)	GROSS USE (MGD)	POPULATION	UNADJ. GROSS PER CAPITA (GPCD) (8)	SOL. USE (MGD) (7)	ENVIRO. MITIGA. (MGD) (8)	GROSS PER CAPITA (GPCD) (9)	REUSE/DEBAL CREDIT (MGD) (10)	COMPLIANCE PER CAPITA (GPCD) (11)
CHARLOTTE		* PRMRWSA / CHARLOTTE CO. UTILITIES	0.000	GW/SW	7.758			7.758	68,714	113			N/A		N/A
CHARLOTTE		718 GASPARILLA ISLAND WATER ASSN INC	1.140	GW/RO	0.011		0.201	0.950	3,739	254			N/A	0.549	N/A
CHARLOTTE		871 PUNTA GORDA, CITY OF	3.969	SW				3.969	27,758	143			N/A		N/A
CHARLOTTE		1612 CHARLOTTE HARBOR WATER ASSOC INC	0.444	GW/RO	0.101			0.546	4,751	115			N/A		N/A
CHARLOTTE		2838 CHARLOTTE CO./ROTONDA WEST	0.000	GW/RO	0.500			0.500	7,817	64			N/A		N/A
CHARLOTTE		3522 FLA WATER SERVICES/BURNST STORE	0.319	GW/RO			0.042	0.277	3,194	87			N/A		N/A
CHARLOTTE		7464 CHARLOTTE CO. UTILITIES/FIVE LAND	0.000	GW/RO	0.210			0.210	1,287	163			N/A		N/A
CHARLOTTE COUNTY TOTAL PUBLIC SUPPLY >>>															
			5.872		8.580	0.000	0.243	14.209	117,261	121	0.000	0.000	N/A	0.549	N/A
CITRUS		207 CRYSTAL RIVER & MEADOWCREST	0.613	GW				0.613	3,555	172			N/A		N/A
CITRUS		419 INVERNESS, CITY OF	1.215	GW		0.008	0.139	1.067	9,826	108			N/A		N/A
CITRUS		1118 FLORAL CITY WATER ASSOC INC.	0.300	GW			0.021	0.279	4,272	65			N/A		N/A
CITRUS		2842 FLA WATER SERVICES/CITRUS SPRINGS	1.702	GW			0.100	1.602	8,072	188			N/A		N/A
CITRUS		4153 ROLLING OAKS UTILITIES, INC.	2.076	GW				2.076	11,439	181			N/A		N/A
CITRUS		4406 HOMOSASSA SPECIAL WATER DIST.	0.702	GW			0.022	0.680	4,422	154			N/A		N/A
CITRUS		7121 WITH. RWWSA / MEADOWCREST	3.878	GW				3.878	16,943	229	0.136		N/A		N/A
CITRUS		7579 FLA WATER SERVICES / OAK FOREST	0.042	GW				0.042	371	113			N/A		N/A
CITRUS		9791 FLA WATER SERVICES / SUGARMILL	1.785	GW			0.177	1.608	6,879	234			N/A		N/A
CITRUS		11686 FLA WATER SERVICES / LAKESIDE	0.045	GW			0.001	0.044	359	123			N/A		N/A
CITRUS COUNTY TOTAL PUBLIC SUPPLY >>>															
			12.358		0.000	0.008	0.460	11.889	66,138	180	0.136	0.000	N/A	0.000	N/A
DESOTO		4725 ARCADIA, CITY OF	0.928	GW				0.928	7,357	126			N/A		N/A
DESOTO		10420 PRMRWSA / LAKE SUZY	0.000	SW	0.080			0.080	1,289	62			N/A		N/A
DESOTO		10428 PRMRWSA / DESOTO PORTION	8.784	SW/GW		8.226	0.558	0.000		N/A			N/A		N/A
DESOTO COUNTY TOTAL PUBLIC SUPPLY >>>															
			9.712		0.080	8.226	0.558	1.008	8,646	117	0.000	0.000	N/A	0.000	N/A
HARDEE		30 BOWLING GREEN, CITY OF	0.284	GW				0.284	2,150	132			N/A		N/A
HARDEE		4461 WAUCHULA, CITY OF	0.753	GW				0.753	5,735	131			N/A		N/A
HARDEE		7668 ZOLFO SPRINGS, TOWN OF	0.122	GW				0.122	1,531	80			N/A		N/A
HARDEE COUNTY TOTAL PUBLIC SUPPLY >>>															
			1.159		0.000	0.000	0.000	1.159	9,417	123	0.000	0.000	N/A	0.000	N/A

TABLE A-1: REPORTED PUBLIC SUPPLY WATER USE, 2001 DETAILED DATA.

COUNTY OF USE	PERMIT #	NAME(S)	WITHDRAWAL (MGD)	SOURCE (MGD)	IMPORTS (MGD)	EXPORTS (MGD)	TREATMENT LOSS (MGD)	GROSS USE (MGD)	POPULA- TION	UNADJ. GROSS PER CAPITA (GPCD) (9)	ENVIRO. USE (MGD) (7)	GROSS PER CAPITA (GPCD) (9)	REUSE/DESAL CREDIT (MGD) (10)	COMPLIANCE PER CAPITA (GPCD) (11)
HERNANDO	2179	HERNANDO CO. WATER AND SEWER	0.122	GW				0.122	568	209		N/A		N/A
HERNANDO	2983	HERNANDO CO. WATER AND SEWER	5.702	GW				5.702	37,788	151		N/A		N/A
HERNANDO	3408	HERNANDO CO. WATER AND SEWER	0.131	GW				0.131	1,772	74		N/A		N/A
HERNANDO	4842	FLA WATER SERVICES / SPR. HILL UTIL.	11.532	GW			0.873	10.657	61,606	173		N/A		N/A
HERNANDO	5786	HERNANDO CO. WATER AND SEWER	0.694	GW				0.694	4,287	162		N/A		N/A
HERNANDO	7627	BROOKSVILLE, CITY OF	1.525	GW				1.525	11,913	128		N/A		N/A
HERNANDO COUNTY TOTAL PUBLIC SUPPLY >>>			19.706		0.000	0.000	0.873	18.831	117,961	160	0.000	0.000	0.000	N/A
HIGHLANDS	4157	LAKE JOSEPHINE HEIGHTS WATER	0.110	GW				0.110	1,135	97		97		97
HIGHLANDS	4482	SEBRING, CITY OF	3.174	GW				3.174	27,923	114		114		114
HIGHLANDS	4708	SUNNY LAKE OF SEBRING IMPR.	0.476	GW				0.476	4,896	97		97		97
HIGHLANDS	4880	LAKE PLACID HOLDING COMPANY	0.263	GW				0.263	2,499	105		105		105
HIGHLANDS	5270	LAKE PLACID, TOWN OF	0.463	GW				0.463	4,180	111		111		111
HIGHLANDS	5786	SEBRING RIDGE UTILITIES	0.182	GW				0.182	2,057	88		88		88
HIGHLANDS	5882	HEARTLAND UTIL/SEBRING ESTATES	0.070	GW				0.070	771	91		91		91
HIGHLANDS	6029	AVON PARK, CITY OF	2.146	GW			0.005	2.141	14,393	149	0.189	136		136
HIGHLANDS	6326	HIGHLANDS CO. / TOMOKA HEIGHTS	0.170	GW				0.170	1,819	93		93		93
HIGHLANDS	7139	BUTTERWOOD BAY / PUGH UTILITIES	0.183	GW				0.183	1,420	129		129		129
HIGHLANDS	7704	THE COUNTRY CLUB OF SEBRING	0.258	GW			0.003	0.255	611	417		417		417
HIGHLANDS	7811	CRYSTAL LAKE CLUB	0.043	GW				0.043	847	51		51		51
HIGHLANDS	7938	HEARTLAND UTILITIES, INC.	0.088	GW				0.088	830	118		118		118
HIGHLANDS	9490	THE WOODLANDS OF LAKE PLACID	0.066	GW				0.066	470	138		138		138
HIGHLANDS	9516	HIGHLANDS RIDGE ASSOCIATION	0.147	GW				0.147	911	161		161		161
HIGHLANDS COUNTY TOTAL PUBLIC SUPPLY >>>			7.848		0.000	0.000	0.008	7.840	84,741	121	0.189	0.000	0.000	118
HILLSBOROUGH	3	TAMPA BAY WATER / SECTION 21	10.443	GW		10.443		0.000		N/A		N/A		N/A
HILLSBOROUGH	4	TAMPA BAY WATER / COSME-ODESSA	10.840	GW		10.840		0.000		N/A		N/A		N/A
HILLSBOROUGH	480	TEMPLE TERRACE, CITY OF	3.788	GW			0.273	3.516	29,550	119	0.030	118		118
HILLSBOROUGH	1776	PLANT CITY, CITY OF	5.596	GW	0.033		0.002	5.627	33,786	167		167		167
HILLSBOROUGH	2082	TPA BAY WATER / CITY OF TPA / M BR & RIV	76.654	SW/GW	21.942	1.221	2.791	72.642	521,458	139	10.205	120	4,320	111
HILLSBOROUGH	2286	DAVPAM MRP / SPRINGER, CHARLES E.	0.101	GW				0.101	1,330	76		76		76
HILLSBOROUGH	2707	EASTLAKE WATER SERVICE	0.207	GW				0.207	2,198	94		94		94
HILLSBOROUGH	2840	FLA WATER SERVICES / SEABOARD	0.246	GW	0.428			0.674	7,028	96		96		96
HILLSBOROUGH	3704	FLA WATER SERVICES / VALFRICO HILLS	0.091	GW			0.003	0.088	884	100		100		100
HILLSBOROUGH	3713	FLA WATER SERVICES / HERBHEL HEIGHTS	0.000	SW/GW	0.087			0.087	797	109		109		109
HILLSBOROUGH	4352	TPA BAY WATER / S. CENTRAL HILLS.	22.626	GW	0.823			23.449	202,633	116		116	6,000	86
HILLSBOROUGH	4757	WILDER MOBILE HOMES	0.018	GW				0.018	325	55		55		55

TABLE A-1: REPORTED PUBLIC SUPPLY WATER USE, 2001 DETAILED DATA.

COUNTY OF USE	PERMIT #	PERMIT NAME(S)	WITHDRAWAL (MGD)	SOURCE (MGD)	IMPORTS (MGD)	EXPORTS (MGD)	TREATMENT LOSS (MGD)	GROSS USE (MGD)	POPULA- TION	UNADJ. GROSS PER CAPITA (GPCD) (6)	SOL. ENVRON. USE MITIGA. (MGD) (7)	GROSS PER CAPITA (GPCD) (9)	REUSE/DESAL CREDIT (MGD) (10)	COMPLIANCE PER CAPITA (GPCD) (11)
HILLSBOROUGH	5888	FLA GOVT UTIL AUTH - CARROLLWOOD	0.501	GW			0.027	0.474	2,966	160		160		160
HILLSBOROUGH	6312	TPA BAY WATER / EAGLES SYSTEM	0.000	GW			0.000	0.000		N/A		N/A		N/A
HILLSBOROUGH	6675	TPA BAY WATER / TPA BYPASS CANAL	21.942	SW		21.942		0.000		N/A		N/A		N/A
HILLSBOROUGH	6676	TAMPA BAY WATER / NW HILLS.	11.214	GW	6.001			17.215	148,228	115		115	6,300	69
HILLSBOROUGH	6679	CM-GI SERVICES, INC.	0.212	GW				0.212	2,850	75		75		75
HILLSBOROUGH	7002	FEATHEROCK MOBILE HOME PARK	0.084	GW				0.084	1,074	88		88		88
HILLSBOROUGH	7637	CAX RIVERSIDE LLC	0.015	GW				0.015	474	32		32		32
HILLSBOROUGH	7790	UNIPROP INCOME FUND II	0.080	GW				0.080	1,175	68		68		68
HILLSBOROUGH	9870	TPA BAY WATER / NE BRANDON WELLFIELD	0.000	GW				0.000		N/A		N/A		N/A
HILLSBOROUGH	1043	WINDMERE UTILITY COMPANY	0.376	GW			0.001	0.376	3,076	122		122		122
HILLSBOROUGH	11732	TPA BAY WATER / BRANDON URBAN WF	0.823	GW	0.823			0.000		N/A		N/A		N/A
HILLSBOROUGH	11794	TPA BAY WATER / ALAFIA RIVER	0.000	SW				0.000		N/A		N/A		N/A
HILLSBOROUGH	11798	TPA BAY WATER / TPA BYPASS PRJ	0.000	SW				0.000		N/A		N/A		N/A
HILLSBOROUGH CO. TOTAL PUBLIC SUPPLY >>>			143.926		29.314	45.269	3.097	124.874	960,803	130	10.235	0.000	17,220	101
LAKE NO SIGNIFICANT PUBLIC SUPPLY USE IN THE SWFWMD PORTION OF LAKE COUNTY														
LEVY	5640	WILLISTON, CITY OF	0.633	GW				0.633	2,982	212		N/A		N/A
LEVY	7755	YANKEETOWN, TOWN OF	0.106	GW				0.106	623	170		N/A		N/A
LEVY	8963	INGLES, TOWN OF	0.141	GW			0.024	0.117	1,318	89		N/A		N/A
LEVY COUNTY TOTAL PUBLIC SUPPLY >>>			0.880		0.000	0.000	0.024	0.886	4,923	174	0.000	0.000	0.000	N/A
MANATEE	*	PALMETTO, CITY OF	0.000	SW	1.421			1.421	11,333	125		125		125
MANATEE	5387	MANATEE COUNTY	29.908	SW	13.031	14.135	0.111	28.893	215,124	133	4.362	113	10,797	63
MANATEE	6392	BRADENTON, CITY OF	4.429	SW	0.164		0.095	4.488	48,733	90	0.468	81	0.291	75
MANATEE	7345	IMC FERTILIZER & MANATEE CO.	1.432	GW		1.432		0.000		N/A		N/A		N/A
MANATEE	7470	MANATEE CO. / EAST COUNTY	11.599	GW		11.599		0.000		N/A		N/A		N/A
MANATEE	10663	LONGBOAT KEY	0.000	SW	2.411			2.411	16,864	145		145		145
MANATEE COUNTY TOTAL PUBLIC SUPPLY >>>			47.368		17.027	27.166	0.206	37.023	292,854	126	4.830	0.000	11,068	72
MARION	1156	ON TOP OF THE WORLD INC.	1.768	GW				1.768	4,939	358		N/A		N/A
MARION	2841	FLA WATER SERVICES/MARION OAKS	0.771	GW			0.047	0.724	7,297	99		N/A		N/A
MARION	5643	UTILITIES, INC. OF FL / GOLDEN HILLS	0.163	GW				0.163	1,243	131		N/A		N/A

TABLE A-1: REPORTED PUBLIC SUPPLY WATER USE, 2001 DETAILED DATA.

COUNTY OF USE	PERMIT #	NAME(S)	WITHDRAWAL (MGD)	SOURCE (MGD)	IMPORTS (MGD)	EXPORTS (MGD)	TREATMENT LOSS (MGD)	GROSS USE (MGD)	POPULA- TION	UNADJ. GROSS PER CAPITA (GPCD)(6)	SIG. ENVIRO. USE MITIGA. (MGD)(7)	GROSS PER CAPITA (GPCD)(8)	REUSE/DESAL CREDIT (MGD)(10)	COMPLIANCE PER CAPITA (GPCD)(11)
MARION		6151 DECCA / PINE RUN UTILITIES INC.	0.376	GW				0.376	1,574	225		N/A		N/A
MARION		6290 SATEKE VILLAGE UTILITIES	0.010	GW				0.010	64	156		N/A		N/A
MARION		6792 SADDLEBROOK / SUN COMMUNITIES	0.166	GW				0.166	791	210		N/A		N/A
MARION		7178 DECCA / OAK RUN	1.785	GW				1.785	6,076	294		N/A		N/A
MARION		8020 OCALA HOUSING CORPORATION	0.167	GW				0.167	1,069	156		N/A		N/A
MARION		8166 DREXEL PROPERTIES / QUAIL HOLLOW	0.062	GW				0.062	248	210		N/A		N/A
MARION		8339 DUNNELLON, CITY OF	0.347	GW				0.347	2,066	168		N/A		N/A
MARION		8423 VENTURE ASSOC. UTILITIES	0.206	GW				0.206	2,375	87		N/A		N/A
MARION		9360 WINDSTREAM UTILITIES COMPANY	0.352	GW				0.352	592	595		N/A		N/A
MARION		9425 SWEETWATER OAKS LTD PARTNERS	0.066	GW				0.066	210	314		N/A		N/A
MARION COUNTY TOTAL PUBLIC SUPPLY >>>			6.229		0.000	0.000	0.047	6.182	28,645	216	0.000	0.000	0.000	N/A
PASCO		266 PASCO CO. UTIL. / W / SC / SE SYS. (13)	2.542	GW	16.092	0.854	1.331	16.449	134,101	123		123		123
PASCO		422 CITY OF NEW PORT RICHEY	0.140	GW		0.140		0.000		N/A		N/A		N/A
PASCO		640 HOLIDAY GARDENS UTILITIES, INC.	0.096	GW		0.011		0.084	896	94		94		94
PASCO		543 CRESTBRIDGE UTILITY CORP	0.093	GW				0.093	1,226	76		76		76
PASCO		590 MAD HATTER UTILITIES	0.694	GW				0.694	4,566	150		150		150
PASCO		1631 DADE CITY, CITY OF	1.394	GW				1.394	12,316	113		N/A		N/A
PASCO		2043 ORANGEWOOD LAKES MOBILE HOME	0.078	GW				0.078	1,085	73		73		73
PASCO		2978 LINDRICK SERVICE CORPORATION	0.698	GW	0.130		0.026	0.802	9,397	65		65		65
PASCO		3182 ALOHA UTILITIES / SEVEN SPRINGS	2.783	GW	0.298		0.094	2.987	23,700	126		126	0.312	113
PASCO		3590 BARTELT SUNSHINE / WAS-BAR / WRAY	0.147	GW				0.147	1,285	114		114		114
PASCO		3647 TAMPA BAY WATER / SOUTH PASCO	15.191	GW		15.191		0.000		N/A		N/A		N/A
PASCO		3660 TPA BAY WATER / CYPRESS CREEK	26.520	GW	32.881	59.401		0.000		N/A		N/A		N/A
PASCO		3668 UTILITIES INC./SUMMITTREE	0.153	GW			0.001	0.152	1,200	127		127		127
PASCO		3692 PORT RICHEY, CITY OF	0.686	GW	0.250			0.935	8,368	112		112		112
PASCO		4290 TAMPA BAY WATER / CROSS BAR	21.529	GW		21.529		0.000		N/A		N/A		N/A
PASCO		4446 TAMPA BAY WATER / STARKEY (14)	12.633	GW		12.633		0.000		N/A		N/A		N/A
PASCO		4550 SAN ANTONIO, CITY OF	0.121	GW				0.121	900	134		134		134
PASCO		4668 UTILITIES, INC. OF FL	0.104	GW				0.104	1,268	82		82		82
PASCO		4669 HUDSON WATER WORKS INC.	0.623	GW				0.623	8,258	100		100		100
PASCO		4734 NEW PORT RICHEY, CITY OF	0.480	GW	3.065	0.380		3.175	28,744	107		107		107
PASCO		6028 FOREST HILLS UTILITIES INC.	0.412	GW				0.412	5,423	76		76		76
PASCO		6040 ZEPHYRHILLS, CITY OF	2.171	GW			0.022	2.149	19,874	108		108		108
PASCO		7999 PASCO UTILITIES INC.	0.174	GW				0.174	1,846	126		126		126
PASCO		8417 ALOHA UTILITIES / ALOHA GARDENS	0.060	GW	0.292			0.352	8,237	43		43		43
PASCO		8426 TPA BAY WATER / CYPRESS BR.	11.352	GW		11.352		0.000		N/A		N/A		N/A
PASCO COUNTY TOTAL PUBLIC SUPPLY >>>			100.872		53.006	121.491	1.474	30.916	271,467	114	0.000	0.000	0.312	113

TABLE A-1: REPORTED PUBLIC SUPPLY WATER USE, 2001 DETAILED DATA.

COUNTY OF USE	PERMIT #	PERMIT NAME(S)	WITHDRAWAL (MGD)	SOURCE (MGD)	IMPORTS (MGD)	EXPORTS (MGD)	TREATMENT LOSS (MGD)	GROSS USE (MGD)	POPULA- TION	UNADJ. GROSS PER CAPITA (GPD)	GROSS PER CAPITA (GPD)	ENVIRO. USE (MGD)	MITOA (MGD)	REUSE/DESAL CREDIT (MGD)	COMPLIANCE PER CAPITA (GPD)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
PINELLAS		742 TARPON SPRINGS, CITY OF	0.362	GW	3,096			3,458	20,949	165	165				165
PINELLAS		2673 TAMPA BAY WATER / ELDRIDGE-WILDE	22.775	GW	51,010	22,248		51,537	375,076	137	137				137
PINELLAS		2960 DUNEDIN, CITY OF	5.350	GW	0.049		1.649	3,760	37,673	100	96	0.134			96
PINELLAS		2981 CLEARWATER, CITY OF	3.070	GW	11,230			14,300	147,540	97	94	0.488		1.67	82
PINELLAS		3647 TPA BAY WATER / ST. PETERSBURG	0.000	GW	32,670	2,286	0.344	30,030	287,548	104	99	1.625			99
PINELLAS		7682 BELLEAIR, TOWN OF	1.037	GW			0.040	0.987	5,298	188	169	0.103		0.441	85
PINELLAS		10350 UTILITIES, INC. OF FL / LAKE TARPON	0.078	GW				0.078	1,200	62	62				62
PINELLAS		10783 PINELLAS PARK (*)	0.000	GW	5,257			5,257	77,175	68	68				68
PINELLAS		10795 GULFPORT (*)	0.000	GW	1,173			1,173	12,784	92	92				92
PINELLAS		11218 OLDSMAR (*)	0.000	GW	1,360			1,360	13,510	101	101				101
PINELLAS		11245 SAFETY HARBOR (*)	0.000	GW	2,282			2,282	16,209	141	141				141
PINELLAS COUNTY TOTAL PUBLIC SUPPLY >>>			32.672		108,127	24,544	2.033	114,222	995,023	115	112	2,360	0.000	2,111	110
POLK		143 MOUNTAIN LAKE CORP.	0.117	GW			0.006	0.111	376	295	295				295
POLK		341 BARTOW, CITY OF	3.468	GW				3,468	16,911	207	N/A			1,600	N/A
POLK		645 FORT MEADE, CITY OF	0.795	GW				0.795	7,476	106	N/A				N/A
POLK		1616 LAKE REGION MOBILE HOME OWNERS	0.086	GW			0.005	0.081	1,000	81	81				81
POLK		1625 FOUR LAKES GOLF CLUB	0.146	GW				0.146	813	180	180				180
POLK		2332 LAKE HAMILTON, TOWN OF	0.307	GW				0.307	1,825	168	168				168
POLK		2658 POLK CO. MARIANNA ACRES	0.077	GW				0.077	1,393	55	N/A				N/A
POLK		3416 ORCHID SPRINGS DEVELOP. CORP	0.085	GW				0.085	710	121	121				121
POLK		4006 CROOKED LAKE PARK WATER CO INC.	0.278	GW			0.001	0.277	1,827	144	144				144
POLK		4279 WINTER HAVEN / GARDEN GROVE	2.635	GW				2,635	19,145	148	148				148
POLK		4607 WINTER HAVEN, CITY OF	6.750	GW				6,750	43,513	155	155				155
POLK		4658 LAKE WALES, CITY OF	2.604	GW				2,604	18,250	135	135				135
POLK		4912 LAKE LAND, CITY OF	24.442	GW		0.808		23,634	155,567	152	N/A	1,201		4,880	N/A
POLK		5251 SPORTS SHINKO (FLA) / GREENLEFE	0.972	GW				0.972	3,536	275	275				275
POLK		5471 POLK CO. / LOMA LINDA (NERUSA)	0.414	GW		0.414		0.000		N/A	N/A				N/A
POLK		5750 DAVENPORT, CITY OF	1.110	GW				1,110	3,684	140	N/A				N/A
POLK		5870 FROSTPROOF, CITY OF	0.478	GW				0.478	4,194	114	301				301
POLK		5883 DUNDEE, TOWN OF	0.479	GW				0.479	3,409	141	114				114
POLK		6124 MULBERRY, CITY OF	0.479	GW				0.479	3,409	141	N/A				N/A
POLK		6505 POLK CO. / NORTHWEST REGIONAL SA	2.846	GW	0.400			3,246	22,902	142	N/A				N/A
POLK		6506 POLK CO. / SOUTHWEST REGIONAL SA	2.966	GW	0.670			3,266	22,895	143	N/A				N/A
POLK		6507 POLK CO. / CENTRAL REGIONAL SA	1.416	GW				1,416	10,529	134	N/A				N/A
POLK		6508 POLK CO. / SOUTHEAST REGIONAL SA	0.545	GW				0.545	4,445	123	123				123
POLK		6509 POLK CO. / NORTHEAST REGIONAL SA	3.786	GW	0.832			4,618	20,288	228	N/A				N/A
POLK		6624 LAKE ALFRED, CITY OF	0.853	GW				0.853	4,938	141	132	0.042		0.331	60

TABLE A-1: REPORTED PUBLIC SUPPLY WATER USE, 2001 DETAILED DATA.

COUNTY OF USE	PERMIT #	PERMIT NAME(S)	WITHDRAWAL (MGD)	SOURCE (MGD)	IMPORTS (MGD)	EXPORTS (MGD)	TREATMENT LOSS (MGD)	GROSS USE (MGD)	POPULATION	UNADJ. GROSS PER CAPITA (GPCD/08)	SIG. ENVR. USE (MGD/07)	GROSS PER CAPITA (GPCD/08)	REUSE/DESAL CREDIT (MGD/10)	COMPLIANCE PER CAPITA (GPCD/11)
POLK	6920	EAGLE LAKE, CITY OF	0.251	GW				0.251	2,015	125				N/A
POLK	7119	AUBURNDALE, CITY OF	3.086	GW				3.086	20,862	148				N/A
POLK	7187	CENTURY REALTY FUND - CHC VII	0.227	GW				0.227	2,020	112				112
POLK	7878	FLA WATER SERVICES / LAKE GIBSON	0.247	GW			0.021	0.226	1,966	115				N/A
POLK	8054	POLK CO. / EAST REGIONAL SA	0.634	GW			0.013	0.621	5,113	121				121
POLK	8344	CENTURY REALTY FUNDS / SWISS VILL	0.211	GW				0.211	1,711	123				123
POLK	8488	LAKE LAND, CITY OF / POLK CITY SYS.	0.291	GW		0.002		0.289	1,999	145				N/A
POLK	8472	CYPRESS LAKES VENTURE	0.040	GW				0.040	1,388	29				N/A
POLK	8522	HAINES CITY, CITY OF	2.896	GW			0.029	2.866	15,103	177				177
POLK	8753	PLANTATION LANDINGS LTD.	0.076	GW				0.076	908	84				84
POLK	8887	SWEETWATER COOP, INC.	0.067	GW				0.067	692	97				97
POLK	9751	POLK CO. DEPT. OF PUBLIC UTIL.	0.683	GW		0.683		0.000		N/A				N/A
POLK	9807	VILLAGE OF HIGHLAND PARK	0.111	GW				0.111	275	404				404
POLK	11531	CYPRESS LAKES UTILITIES, INC.	0.204	GW			0.002	0.202	1,510	134				134
POLK COUNTY TOTAL PUBLIC SUPPLY >>>														
SARASOTA	2623	NORTHPORT, CITY OF	1.219	SW	0.368			1.507	26,562	61				61
SARASOTA	4318	SARASOTA, CITY OF	5.101	GW	4.404		2.309	7.186	66,947	104	0.612		3.994	38
SARASOTA	4709	SIESTA KEY UTILITIES AUTHORITY	0.000	GW	1.702			1.702	16,900	101				101
SARASOTA	4866	ENGLEWOOD WATER DISTRICT	3.091	GW/RO				3.091	33,649	92				92
SARASOTA	5393	VENICE, CITY OF	4.316	GW/RO			2.077	2,239	21,525	104	0.001			100
SARASOTA	5807	ELL-CAP 66 / CAMELOT LAKES	0.167	GW/RO			0.042	0.125	1,976	63				63
SARASOTA	7411	SARASOTA CO. / UNIV. PARKWAY (15)	7.068	GW	10.139	1.702		15.505	182,532	86				86
SARASOTA	7448	ROYALTY RESORTS / SUN 'N FUN RV	0.083	GW/RO				0.083	2,500	32				32
SARASOTA	10224	SARASOTA, CITY OF - DOWNTOWN R/O	4.404	GW/RO		4.404		0.000		N/A				N/A
SARASOTA COUNTY TOTAL PUBLIC SUPPLY >>>														
SUMTER	1368	LAKE PANASOFFKEE WATER ASSN INC.	0.251	GW			0.002	0.219	4,637	47				N/A
SUMTER	2622	CONTINENTAL COUNTRY CLUB, INC.	0.250	GW				0.250	2,572	97				N/A
SUMTER	6519	BUSHNELL, CITY OF	0.366	GW			0.004	0.362	2,032	178				N/A
SUMTER	7185	WEBSTER, CITY OF	0.114	GW				0.114	1,186	96				N/A
SUMTER	8135	WILWOOD, CITY OF	1.691	GW			1.591	1,591	5,747	277				N/A
SUMTER	8193	CENTER HILL, CITY OF	0.081	GW				0.081	1,072	76				N/A
SUMTER	10488	COLEMAN, CITY OF	0.056	GW				0.056	982	57				N/A
SUMTER	11404	LITTLE SUMTER UTILITY CO.	3.382	GW			0.522	2.860	11,465	249				N/A

TABLE A-2. REPORTED PUBLIC SUPPLY RESIDENTIAL WATER USE AND UNACCOUNTED FOR WATER, 2001.

COUNTY	PERMIT PERMIT NUMBER NAME(S)	GROSS USE (MGD) (1)	% RES (2)	% IC (3)	% M/D (4)	% A/Q (5)	% R/A (6)	% F&O (7)	% UAW (8)	RESID. USE (MGD) (9)	POPULATION SERVED (10)	RESIDENTIAL PER CAPITA (11)	GROSS PER CAPITA (12)	"UAW" USE (MGD) (13)	IC USE (MGD) (14)
CHARLOTTE	871 PUNTA GORDA, CITY OF	(1) 3.968	74	13		3	5	5		2.937	27,758	106	143	0.198	0.516
CHARLOTTE	1512 CHARLOTTE HARBOR WATER ASSOC INC	(1) 0.545	74	24			1	1		0.403	4,751	85	115	0.005	0.131
	>>> REPORTING CHARLOTTE COUNTY PERMITS >>>	4.514								3.340	32,508	103	139	0.204	0.647
CITRUS	207 CRYSTAL RIVER & MEADOWCREST	(1) 0.613	51	45		4				0.313	3,555	88	172	0.000	0.278
CITRUS	419 INVERNESS, CITY OF	1.067	48	38			3	11		0.512	9,828	52	109	0.117	0.405
CITRUS	4163 ROLLING OAKS UTILITIES, INC.	2.076	27	7		50	6	10		0.561	11,439	49	181	0.208	0.145
CITRUS	4406 HOMOSASSA SPECIAL WATER DIST.	0.680	52	30			4	14		0.354	4,422	80	154	0.095	0.204
CITRUS	7121 WITH. RWSA / MEADOWCREST	3.878	84	9		2	2	3		3.258	16,943	192	229	0.116	0.349
	>>> REPORTING CITRUS COUNTY PERMITS >>>	8.314								4.996	46,185	108	180	0.537	1.380
HARDEE	30 BOWLING GREEN, CITY OF	(1) 0.284	67	20		2		11		0.190	2,150	88	132	0.031	0.057
HARDEE	4461 WAUCHULA, CITY OF	0.753	19	20		48	13			0.143	5,735	25	131	0.000	0.151
	>>> REPORTING HARDEE COUNTY PERMITS >>>	1.037								0.333	7,886	42	132	0.031	0.207
HIGHLANDS	4492 SEBRING, CITY OF	3.174	71	29						2.254	27,923	81	114	0.000	0.920
HIGHLANDS	4708 SUN'N LAKE OF SEBRING IMPR.	0.476	54	38		6	1	1		0.257	4,896	53	97	0.005	0.181
HIGHLANDS	4960 LAKE PLACID HOLDING COMPANY	0.263	100							0.263	2,499	105	105	0.000	0.000
HIGHLANDS	5270 LAKE PLACID, TOWN OF	(1) 0.463	70	22		4	1	3		0.324	4,160	78	111	0.014	0.102
HIGHLANDS	5786 SEBRING RIDGE UTILITIES	(1) 0.182	100							0.182	2,057	88	88	0.000	0.000
HIGHLANDS	5882 HEARTLAND UTIL/SEBRING ESTATES	0.070	93	7						0.065	771	94	91	0.000	0.005
HIGHLANDS	6029 AVON PARK, CITY OF	2.141	51	16		3	11	19		1.092	14,383	76	149	0.407	0.343
HIGHLANDS	6326 HIGHLANDS CO. / TOMOKA HEIGHTS	0.170	88	32						0.116	1,819	64	93	0.000	0.054
HIGHLANDS	7139 BUTTWOOD BAY / PUGH UTILITIES	0.183	52	1				47		0.095	1,420	67	129	0.086	0.002
HIGHLANDS	7704 THE COUNTRY CLUB OF SEBRING	0.255	84	12				4		0.214	611	351	417	0.000	0.031
HIGHLANDS	7838 HEARTLAND UTILITIES, INC.	0.098	95	5						0.093	830	112	118	0.000	0.005
HIGHLANDS	9490 THE WOODLANDS OF LAKE PLACID	0.065	80	11		3	2	4		0.052	470	111	138	0.003	0.920
HIGHLANDS	9516 HIGHLANDS RIDGE ASSOCIATION	0.147	80			14	6			0.118	911	129	161	0.000	0.000

TABLE A-2. REPORTED PUBLIC SUPPLY RESIDENTIAL WATER USE AND UNACCOUNTED FOR WATER, 2001.

COUNTY	PERMIT PERMIT NUMBER NAME(S)	GROSS USE (MGD) (1)	RES (2)	% (3)	% VC (4)	% M/D (5)	% AG (6)	% R/A (7)	% F&O (8)	% UAW (9)	POPULATION SERVED (10)	RESIDENTIAL PER CAPITA (11)	GROSS PER CAPITA (12)	"UAW" USE (MGD) (13)	IC USE (MGD) (14)
	>>> REPORTING HIGHLANDS COUNTY PERMITS >>>	7.887									62,759	82	122	0.514	2.563
HILLSBOROUGH	450 TEMPLE TERRACE, CITY OF	3.516	69	19			4		8	2.426	29,550	82	119	0.281	0.668
HILLSBOROUGH	1776 PLANT CITY, CITY OF	5.627	47	43			2		8	2.645	33,786	78	187	0.450	2.420
HILLSBOROUGH	2062 TPA BAY WATER / CITY OF TPA / M BR & RIV (12)	72.842	56	36			1	6	1	40.880	521,468	78	138	0.726	26.151
HILLSBOROUGH	2286 DAVPAM MHP / SPRINGER, CHARLES E.	0.101	100							0.101	1,330	76	76	0.000	0.000
HILLSBOROUGH	2707 EASTLAKE WATER SERVICE	0.207	100							0.207	2,198	94	94	0.000	0.000
HILLSBOROUGH	2840 FLA WATER SERVICES / SEABOARD	0.874	86	8					2	0.580	7,028	82	96	0.027	0.054
HILLSBOROUGH	3704 FLA WATER SERVICES / VALRICO HILLS	0.088	93						3	0.082	884	93	100	0.004	0.000
HILLSBOROUGH	4362 TPA BAY WATER / S. CENTRAL HILLS.	23.449	84	10					6	19.897	202,833	97	116	1.407	2.345
HILLSBOROUGH	5888 FLA GOVT UTIL AUTH - CARROLLWOOD	0.474	80	9			1		5	0.379	2,956	128	160	0.024	0.043
HILLSBOROUGH	6676 TAMPA BAY WATER / NW HILLS.	17.215	84	11					5	14.461	149,229	97	115	0.881	1.884
HILLSBOROUGH	6879 CW-GL SERVICES, INC.	0.212	100							0.212	2,830	75	75	0.000	0.000
HILLSBOROUGH	7002 FEATHEROCK MOBILE HOME PARK	(f)	0.094	100						0.094	1,074	88	88	0.000	0.000
HILLSBOROUGH	7637 CAX RIVERSIDE LLC	(f)	0.015	31			69			0.005	474	10	32	0.000	0.000
HILLSBOROUGH	7790 UNIPROP INCOME FUND II	(f)	0.080	100						0.080	1,175	68	68	0.000	0.000
HILLSBOROUGH	10443 WINDEMERE UTILITY COMPANY	0.375	100							0.375	3,078	122	122	0.000	0.000
	>> REPORTING HILLSBOROUGH COUNTY PERMITS >>	124.769								82.022	959,681	85	130	3.780	33.574
LEVY	5640 WILLISTON, CITY OF	0.633	80	18			1	1		0.506	2,982	170	212	0.000	0.114
	>>> REPORTING LEVY COUNTY PERMITS >>>	0.633								0.506	2,982	170	212	0.000	0.114
MANATEE	5387 MANATEE COUNTY	28.683	65	19			1	1	14	18.650	215,124	87	133	4.017	5.452
MANATEE	6392 BRADENTON, CITY OF	4.488	69	19			5	2	5	3.104	49,733	62	90	0.225	0.855
	>>> REPORTING MANATEE COUNTY PERMITS >>>	33.191								21.754	264,857	82	125	4.242	6.306

TABLE A-2. REPORTED PUBLIC SUPPLY RESIDENTIAL WATER USE AND UNACCOUNTED FOR WATER, 2001.

COUNTY	PERMIT NUMBER NAME(S)	GROSS USE (MGD)(1)	% RES (2)	% VC (3)	% MD (4)	% AG (5)	% R/A (6)	% P/O (7)	% UAW (8)	RESID. USE (MGD)(9)	POPULATION SERVED (10)	RESIDENTIAL PER CAPITA (11)	GROSS PER CAPITA (12)	"UAW" USE (MGD)(13)	VC USE (MGD)(14)
MARION	1156 ON TOP OF THE WORLD INC.	1.768	59	5		1	33	1	1	1.043	4,939	211	358	0.018	0.088
MARION	5643 UTILITIES, INC. OF FL / GOLDEN HILLS	0.163	99						1	0.161	1,243	130	131	0.002	0.000
MARION	6181 DECCA / PINE RUN UTILITIES INC.	0.378	100							0.376	1,674	225	225	0.000	0.000
MARION	6792 SADDLEBROOK / SUN COMMUNITIES	0.166	100							0.166	791	210	210	0.000	0.000
MARION	7178 DECCA / OAK RUN	1.785	78	9				6	7	1.382	8,078	229	294	0.125	0.161
MARION	8020 OCALA HOUSING CORPORATION	0.167	100							0.167	1,069	156	156	0.000	0.000
MARION	9425 SWEETWATER OAKS LTD PARTNERS	0.066	100							0.066	210	314	314	0.000	0.000
	>>> REPORTING MARION COUNTY PERMITS >>>	4.491								3.372	18,003	211	281	0.144	0.249
PASCO	268 PASCO CO. UTIL / WEST SYS.	16.449	78	10			5		7	12.830	134,101	96	123	1.151	1.645
PASCO	540 HOLIDAY GARDENS UTILITIES, INC.	0.084	87	2				7	4	0.073	896	82	94	0.003	0.002
PASCO	543 CRESTRIDGE UTILITY CORP	0.063	90					7	3	0.064	1,226	68	76	0.003	0.000
PASCO	1631 DADE CITY, CITY OF	1.394	88	10					2	1.227	12,315	100	113	0.028	0.139
PASCO	2043 ORANGIEWOOD LAKES MOBILE HOME	0.078	96						4	0.076	1,086	70	73	0.003	0.000
PASCO	2878 LINDRICK SERVICE CORPORATION	0.802	85	3			1	3	8	0.682	9,397	73	85	0.064	0.024
PASCO	3182 ALOHA UTILITIES / SEVEN SPRINGS	2.987	80	9				3	8	2.390	23,700	101	126	0.239	0.289
PASCO	3690 BARTELT SUNSHINE / WIS-BAR / WRAY	0.147	100							0.147	1,286	114	114	0.000	0.000
PASCO	3688 UTILITIES INC./SUMMERTREE	0.152	97				3			0.147	1,200	123	127	0.000	0.000
PASCO	3692 PORT RICHEY, CITY OF	0.935	75	24					1	0.701	8,368	84	112	0.009	0.224
PASCO	4550 SAN ANTONIO, CITY OF	0.121	93	7						0.113	900	125	134	0.000	0.008
PASCO	4668 UTILITIES, INC. OF FL	0.104	95	5						0.089	1,268	78	82	0.000	0.005
PASCO	4689 HUDSON WATER WORKS INC.	0.623	70	14				7	9	0.438	8,258	70	100	0.056	0.067
PASCO	4734 NEW PORT RICHEY, CITY OF	3.176	65	25				2	8	2.064	29,744	69	107	0.264	0.794
PASCO	7999 PASCO UTILITIES INC.	0.174								0.000	1,645	0	106	0.000	0.000
PASCO	8417 ALOHA UTILITIES / ALOHA GARDENS	0.352	84	16						0.298	8,237	38	43	0.000	0.066
	>>> REPORTING PASCO COUNTY PERMITS >>>	27.870								21.362	241,605	88	115	1.811	3.254
PINELLAS	742 TARPON SPRINGS, CITY OF	3.458	53	24			5		8	2.179	20,949	104	165	0.277	0.830
PINELLAS	2673 TAMPA BAY WATER / ELDRIDGE-WILDE	51.537	52	42					6	26.798	375,076	71	137	3.082	21.846
PINELLAS	2980 DUNEDIN, CITY OF	3.750	71	14			2		13	2.663	37,873	71	100	0.488	0.525

TABLE A-2. REPORTED PUBLIC SUPPLY RESIDENTIAL WATER USE AND UNACCOUNTED FOR WATER, 2001.

COUNTY	PERMIT NAME(S)	GROSS USE (MGD) (1)	% RES (2)	% I/C (3)	% M/D (4)	% A/G (5)	% R/A (6)	% F/O (7)	% UAW (8)	RESID. USE (MGD) (9)	POPULATION SERVED (10)	RESIDENTIAL PER CAPITA (11)	GROSS PER CAPITA (12)	"UAW" USE (MGD) (13)	I/C USE (MGD) (14)
PINELLAS	2881 CLEARWATER, CITY OF	14,300	64	29					7	9,152	147,540	62	97	1,001	4,147
PINELLAS	3647 TPA BAY WATER / ST. PETERSBURG	30,090	62	20				13	5	18,619	287,548	85	104	1,502	6,006
PINELLAS	7692 BELLEAIR, TOWN OF	0,997	83	9			2	4	2	0,828	5,299	156	188	0,020	0,090
PINELLAS	10350 UTILITIES, INC. OF FL / LAKE TARIPON	(f)	0,078	92			2	4	2	0,072	1,260	57	62	0,002	0,000
PINELLAS	10783 PINELLAS PARK	(f)	5,257	72	28					3,785	77,175	49	68	0,000	1,472
PINELLAS	10796 GULFPORT	(f)	1,173	75	7			6	12	0,880	12,784	68	92	0,141	0,082
PINELLAS	11218 OLDSMAR	(f)	1,360	60	19		1	3	17	0,816	13,510	60	101	0,231	0,258
PINELLAS	11245 SAFETY HARBOR	(f)	2,282	71	24				5	1,620	16,209	100	141	0,114	0,548
	>>> REPORTING PINELLAS COUNTY PERMITS >>>	114,222								57,411	995,023	68	115	6,868	35,803
POLK	143 MOUNTAIN LAKE CORP.	0,111	25				34		41	0,028	376	74	285	0,046	0,000
POLK	341 BARTOW, CITY OF	3,498	70	24			6			2,449	16,911	145	207	0,000	0,840
POLK	1616 LAKE REGION MOBILE HOME OWNERS	0,081	94						6	0,076	1,000	76	81	0,005	0,000
POLK	2332 LAKE HAMILTON, TOWN OF	0,307	63	10			1	10	8	0,193	1,825	108	168	0,025	0,031
POLK	3415 ORCHID SPRINGS DEVELOP. CORP	0,086	94	6						0,081	710	114	121	0,000	0,005
POLK	4006 CROOKED LAKE PARK WATER CO INC.	0,277	78	17				1	4	0,216	1,927	112	144	0,011	0,047
POLK	4607 WINTER HAVEN, CITY OF	(f)	6,760	50	26		15		9	3,375	43,513	78	155	0,608	1,765
POLK	4612 LAKE LAND, CITY OF	23,634	65	26			2		7	15,362	155,567	99	152	1,654	6,145
POLK	6251 SPORTS SHINKO (FLA) / GRENELEFE	(f)	0,972	24	4		69		3	0,233	3,538	66	275	0,028	0,038
POLK	5870 FROSTPROOF, CITY OF	(f)	1,110	28	45		4	1	2	0,311	3,684	84	301	0,222	0,500
POLK	6124 MULBERRY, CITY OF	(f)	0,479	87	13					0,417	3,409	122	141	0,000	0,062
POLK	6505 POLK CO. / NORTHWEST REGIONAL SA	(f)	3,248	93	7					3,019	22,902	132	142	0,000	0,227
POLK	6506 POLK CO. / SOUTHWEST REGIONAL SA	(f)	3,266	85	9				6	2,776	22,895	121	143	0,196	0,294
POLK	6507 POLK CO. / CENTRAL REGIONAL SA	(f)	1,418	70	7				23	0,991	10,529	94	134	0,326	0,099
POLK	6508 POLK CO. / SOUTHEAST REGIONAL SA	(f)	0,545	58	31				11	0,316	4,445	71	123	0,060	0,169
POLK	6509 POLK CO. / NORTHEAST REGIONAL SA	(f)	4,618	84	11				5	3,879	20,288	191	228	0,231	0,508
POLK	6624 LAKE ALFRED, CITY OF	(f)	0,653	73	22		4	1		0,477	4,638	103	141	0,000	0,144
POLK	6820 EAGLE LAKE, CITY OF	(f)	0,251	100						0,251	2,015	125	125	0,000	0,000
POLK	7119 AUBURNDALE, CITY OF	(f)	3,085	65	31		3		1	2,008	20,862	96	148	0,031	0,957
POLK	7187 CENTURY REALTY FUND - CHC VII	(f)	0,227	100						0,227	2,020	112	112	0,000	0,000
POLK	8054 POLK CO. / EAST REGIONAL SA	(f)	0,621	68	4				2	0,422	5,119	83	121	0,161	0,025
POLK	8344 CENTURY REALTY FUNDS / SWISS VILL.	(f)	0,211	94						0,198	1,711	116	123	0,000	0,000
POLK	8468 LAKE LAND, CITY OF / POLK CITY SYS.	(f)	0,289	85	14			6	5	0,188	1,999	94	145	0,046	0,040
POLK	8522 HAINES CITY, CITY OF	(f)	2,666	84	12		3	1		2,239	15,103	148	177	0,000	0,320

TABLE A-2. REPORTED PUBLIC SUPPLY RESIDENTIAL WATER USE AND UNACCOUNTED FOR WATER, 2001.

COUNTY	PERMIT NAME(S)	GROSS USE (MGD) (1)	% RES (2)	% UC (3)	% MFD (4)	% AG (5)	% R/A (6)	% F&O (7)	% UAW (8)	RESID. USE (MGD) (9)	POPULATION SERVED (10)	RESIDENTIAL PER CAPITA (11)	GROSS PER CAPITA (12)	"UAW" USE (MGD) (13)	UC USE (MGD) (14)
POLK	8753 PLANTATION LANDINGS LTD.	(1) 0.078	89				11			0.068	908	74	84	0.000	0.000
POLK	8987 SWEETWATER COOP, INC.	(1) 0.067	100							0.067	692	97	97	0.000	0.000
POLK	9807 VILLAGE OF HIGHLAND PARK	(1) 0.111	77	10			9	1	3	0.085	275	311	404	0.003	0.011
	>>> REPORTING POLK COUNTY PERMITS >>>	58.654								38.951	368,860	108	159	3.553	12.217
SARASOTA	2923 NORTHPORT, CITY OF	(1) 1.607	79	9			10	2		1.270	26,562	48	61	0.032	0.145
SARASOTA	4318 SARASOTA, CITY OF	7.196	47	22			27	4		3.382	68,947	49	104	0.288	1.583
SARASOTA	5393 VENICE, CITY OF	2.239	60	27	8			7		1.343	21,525	62	104	0.157	0.605
SARASOTA	5807 ELL-CAP 66 / CAMELOT LAKES	0.125	100							0.125	1,976	63	63	0.000	0.000
SARASOTA	7411 SARASOTA CO. / UNIV. PARKWAY	15.505	78	15				7		12.094	182,532	86	86	1.086	2.326
	>>> REPORTING SARASOTA COUNTY PERMITS >>>	26.672								18.214	301,541	60	88	1.562	4.658
SUMTER	1368 LAKE PANASOFFKEE WATER ASSN INC.	(1) 0.219	90	10						0.197	4,637	43	47	0.000	0.022
SUMTER	2622 CONTINENTAL COUNTRY CLUB, INC.	(1) 0.250	100							0.250	2,572	97	97	0.000	0.000
SUMTER	6519 BUSHNELL, CITY OF	0.362	73	26			1			0.264	2,032	130	178	0.000	0.094
SUMTER	8135 WILDWOOD, CITY OF	1.691	93				8	1		1.480	5,747	257	277	0.016	0.000
SUMTER	11404 LITTLE SUMTER UTILITY CO.	2.860	67	2			14	10	7	1.916	11,465	167	249	0.200	0.057
	>>> REPORTING SUMTER COUNTY PERMITS >>>	5.282								4.107	26,453	155	200	0.216	0.173
DISTRICT TOTALS AND AVERAGES FOR REPORTING PERMITS >>>>>>		417.136								272.494	3,326,344	82	125	23.561	100.846

NOTES:

(MGD) = Million gallons per day

(1) Gross Use is taken from Table A-1, column 10, and represents total amount of water withdrawn plus imports minus exports and treatment loss.

(2) Percent of water supplied that is used for residential purposes only.

(3) Percent of water supplied that is used for industrial/commercial purposes only.

(4) Percent of water supplied that is used for mining/dewatering purposes only.

TABLE A-2. REPORTED PUBLIC SUPPLY RESIDENTIAL WATER USE AND UNACCOUNTED FOR WATER, 2001.

COUNTY	PERMIT PERMIT NUMBER NAME(S)	GROSS USE (MGD) (1)	% RES (2)	% VC (3)	% MID (4)	% AQ (5)	% R/A (6)	% F&O (7)	% UAW (8)	RESID. USE (MGD) (9)	POPULATION SERVED (10)	RESIDENTIAL PER CAPITA (11)	GROSS PER CAPITA (12)	"UAW" USE (13)	VC USE (14)
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- (5) Percent of water supplied that is used for agricultural purposes only.
- (6) Percent of water supplied that is used for recreational/aesthetic purposes only.
- (7) Percent of water supplied that is used for fire fighting, line flushing, and other accountable purposes only.
- (8) Percent of water supplied that is "unaccounted for" due to system leaks, illegal connections, etc...
- (9) Residential Use = (Gross Use) X (% Residential). This number represents total amount of water used for residential purposes only.
- (10) Population Served = Service population of Public Supplier listed.
- (11) Residential per capita = (residential water use) / (population). This number represents the average quantity of water used per person per day for residential purposes only.
- (12) Gross per capita = (gross use) / (population served). This number represents the average quantity of water used per person per day for any purpose (including agricultural, industrial, etc...).
- (13) "UAW" Use = Unaccounted For Water Use = (Gross Use) X (% UAW). This number represents the amount of water that is unaccounted for each day by the Public Supply system listed.
- (14) VC Use = Industrial/Commercial Water Use = (Gross Use) X (% VC). This number represents the amount of water that is publically supplied for Industrial/commercial purposes only.
- (i) Form B, "Type of Water Use" of the Public Supply Permittee Survey was not received. Data were derived from previous years' reports.

TABLE A-3. REPORTED PUBLIC SUPPLY PERMIT-TO-PERMIT WATER TRANSFERS, 2001 DETAILS.

COUNTY	PERMIT NUMBER	PERMIT NAME(S)	IMPORT DETAILS WUP # SOURCE (MGD)	EXPORT DETAILS WUP # DESTINATION (MGD)
CHARLOTTE	N/A	CHARLOTTE COUNTY UTILITIES	10420 DESOTO 7.758	718 CHARLOTTE 0.011
CHARLOTTE	718	GASPARILLA ISLAND WATER	N/A CHARLOTTE 0.011	
>> CHARLOTTE COUNTY TRANSFERS >>			7.769	0.011
DESOTO	10420	PR/MRWS/DESOTO PORTION		2923 SARASOTA 0.388 10420 DESOTO 0.060 N/A CHARLOTTE 7.769
DESOTO	10420	PR/MRWS/ LAKE SUZY UTILITIES	10420 DESOTO 0.080	
>> DESOTO COUNTY TRANSFERS >>			0.080	8.226
HILLSBOROUGH	3	TAMPA BAY WATER / SECTION 21		SYSTEM 10.443
HILLSBOROUGH	4	TAMPA BAY WATER / COSME-ODESSA		SYSTEM 10.840
HILLSBOROUGH	1776	PLANT CITY, CITY OF	4912 POLK 0.033	
HILLSBOROUGH	2062	TAMPA BAY WATER / CTY OF TPA / M BR & RIV	6675 SYSTEM 21.942	2840 HILLSBOROUGH 0.428 3132 HILLSBOROUGH 0.516 3713 HILLSBOROUGH 0.087 SYSTEM 0.190
HILLSBOROUGH	2840	FLA WATER SERVICES / SEABOARD	2062 HILLSBOROUGH 0.428	
HILLSBOROUGH	3132	PEBBLE CREEK UTILITIES	2062 HILLSBOROUGH 0.516	
HILLSBOROUGH	3713	FLA WATER SERVICES / HERSHEL HTS	2062 HILLSBOROUGH 0.087	
HILLSBOROUGH	4362	TPA BAY WATER / S. CENTRAL HILLS.	11732 SYSTEM 0.823	
HILLSBOROUGH	6675	TPA BAY WATER / TPA BYPASS CANAL		2062 HILLSBOROUGH 21.942
HILLSBOROUGH	6676	TAMPA BAY WATER / NW HILLS.	SYSTEM 6.001	
HILLSBOROUGH	11732	TPA BAY WATER / BRANDON URBAN WF		4352 SYSTEM 0.823
>> HILLSBOROUGH COUNTY TRANSFERS >>			29.830	45.269

TABLE A-3. REPORTED PUBLIC SUPPLY PERMIT-TO-PERMIT WATER TRANSFERS, 2001 DETAILS.

COUNTY	PERMIT NUMBER	PERMIT NAME(S)	IMPORT DETAILS		EXPORT DETAILS	
			WUP #	SOURCE	WUP #	DESTINATION
						(MGD)
MANATEE	N/A	PALMETTO, CITY OF	5387	MANATEE	6382	MANATEE
MANATEE	5387	MANATEE COUNTY	7345	MANATEE	7411	SARASOTA
			7470	MANATEE	10863	MANATEE
					N/A	MANATEE
MANATEE	6382	BRADENTON, CITY OF	5387	MANATEE	5387	MANATEE
MANATEE	7345	IMC FERTILIZER & MANATEE CO.			5387	MANATEE
MANATEE	7470	MANATEE CO./EAST COUNTY				
MANATEE	10863	LONGBOAT KEY / MANATEE PORTION*	5387	MANATEE		
>> MANATEE COUNTY TRANSFERS >>						27.166
PASCO	266	PASCO CO. UTIL / WEST SYS.	3660	SYSTEM	3182	PASCO
PASCO	422	CITY OF NEW PORT RICHEY	4446	SYSTEM	8417	PASCO
PASCO	2978	LINDRICK SERVICE CORPORATION	4734	PASCO	4734	PASCO
PASCO	3182	ALOHA UTILITIES / SEVEN SPRINGS	266	PASCO		
PASCO	3647	TAMPA BAY WATER / SOUTH PASCO	4290	SYSTEM		
PASCO	3650	TAMPA BAY WATER / CYPRESS CREEK	8426	SYSTEM	266	PASCO
			4734	PASCO		
PASCO	3692	PORT RICHEY, CITY OF				
PASCO	4290	TAMPA BAY WATER / CROSS BAR				
PASCO	4446	TAMPA BAY WATER / STARKEY & N PASCO				
PASCO	4734	NEW PORT RICHEY, CITY OF	422	PASCO	3660	SYSTEM
PASCO	8417	ALOHA UTILITIES / ALOHA GARDENS	4446	SYSTEM	266	PASCO
PASCO	8426	TPA BAY WATER / CYPRESS BR.	266	PASCO	4734	PASCO
					2978	PASCO
					3692	PASCO
					3650	SYSTEM
>> PASCO COUNTY TRANSFERS >>						11.362
						121.216

TABLE A-3. REPORTED PUBLIC SUPPLY PERMIT-TO-PERMIT WATER TRANSFERS, 2001 DETAILS.

COUNTY	PERMIT NUMBER	PERMIT NAME(S)	IMPORT DETAILS		EXPORT DETAILS	
			WUP #	SOURCE (MGD)	WUP #	DESTINATION (MGD)
PINELLAS	742	TARPON SPRINGS, CITY OF	2673	SYSTEM	742	SYSTEM
PINELLAS	2673	TAMPA BAY WATER / ELDRIDGE-WILDE		SYSTEM	2880	SYSTEM
					2981	SYSTEM
					10783	SYSTEM
					11218	SYSTEM
					11245	SYSTEM
PINELLAS	2980	DUNEDIN, CITY OF	2673	SYSTEM		
	2981	CLEARWATER, CITY OF	2673	SYSTEM		
PINELLAS	3647	TPA BAY WATER / ST. PETERSBURG		SYSTEM	10785	PINELLAS
					11218	PINELLAS
PINELLAS	10783	PINELLAS PARK	2673	SYSTEM		
PINELLAS	10785	GULFPORT	3647	SYSTEM		
PINELLAS	11218	OLDSMAR	3647	SYSTEM		
			2673	SYSTEM		
PINELLAS	11245	SAFETY HARBOR	2673	SYSTEM		
>> PINELLAS COUNTY TRANSFERS >>				108.127		24.447
POLK	4912	LAKELAND, CITY OF			1776	HILLSBOROUGH
					6505	POLK
					6806	POLK
					7119	POLK
					6509	POLK
POLK	5471	POLK CO. / LOMA LINDA (NERUSA)	4912	POLK		
POLK	6506	POLK CO. / NORTHWEST REGIONAL SA	4912	POLK		
POLK	6506	POLK CO. / SOUTHWEST REGIONAL SA	9751	POLK		
			5471	POLK		
POLK	6509	POLK CO. / NORTHEAST REGIONAL SA	53-00126-W**	POLK		
			4912	POLK		
POLK	7119	AUBURNDALE, CITY OF				
POLK	9751	POLK CO. DEPT. OF PUBLIC UTIL.			6506	POLK
>> POLK COUNTY TRANSFERS >>				1.902		0.653
						1.517

Table A-4. Estimated Public Supply Water Use by Month, 2001.

COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)
CHARLOTTE	6.149	6.539	5.798	5.949	5.599	5.339	4.684	6.234	5.808	6.406	7.645	6.933
CITRUS	12.043	12.275	12.119	14.086	16.430	14.445	10.060	12.746	11.491	11.241	13.118	13.749
DESOTO	8.513	16.624	13.676	10.845	9.641	14.684	13.437	12.276	13.620	17.327	11.334	11.837
HARDEE	1.667	1.796	1.732	2.088	1.791	1.793	1.398	1.306	1.544	1.609	1.667	1.519
HERNANDO	17.553	18.980	19.418	19.310	23.413	24.729	18.497	17.089	18.927	18.503	21.977	22.162
HIGHLANDS	8.179	9.803	8.952	9.077	9.237	7.927	6.911	7.865	6.943	8.034	8.125	8.101
HILLSBOROUGH	210.632	220.946	206.538	249.455	239.072	225.931	191.311	183.982	199.007	211.047	253.366	236.635
LEVY	1.117	0.983	0.939	1.108	1.190	1.037	0.742	1.092	0.889	0.718	0.961	0.685
MANATEE	42.425	53.500	43.923	49.150	50.506	47.266	30.811	44.567	42.129	49.749	51.068	54.616
MARION	7.181	7.331	6.933	8.335	10.672	9.070	6.815	7.307	7.197	8.763	8.784	8.259
PASCO	16.571	19.805	19.618	23.402	23.554	21.173	17.097	16.558	21.495	18.200	20.670	24.707
PINELLAS	185.344	181.386	170.556	158.228	181.572	159.020	143.401	157.741	146.203	145.189	156.600	148.896
POLK	66.496	69.282	68.078	63.411	79.060	68.208	64.736	71.117	58.588	56.786	72.098	65.990
SARASOTA	29.472	31.396	30.654	30.731	29.014	27.536	25.310	22.621	24.975	27.378	25.327	27.786
SUMTER	4.255	6.349	5.174	6.420	7.166	6.194	5.625	8.062	5.412	2.901	11.588	10.937
DISTRICT TOTAL	617.598	656.997	614.106	651.594	687.916	634.352	540.836	570.564	564.231	583.851	664.328	642.812
WITHDRAWAL TYPE												
GROUND WATER	389.117	403.914	372.415	389.730	432.119	382.789	337.683	357.199	344.543	350.755	382.237	380.558
SURFACE WATER	228.481	253.083	241.691	261.864	255.797	251.563	203.153	213.365	219.688	233.096	282.091	262.254

SOURCE: 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE

Table A-5. Estimated and Reported Recreational/Aesthetic Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
CHARLOTTE COUNTY							
003523	003	BURNT STORE COUNTRY CLUB.	R250	G	0.000	0.302	0.302
003523	003	BURNT STORE COUNTRY CLUB	R250	S	0.137	0.302	0.302
006426	002	LEMON BAY GOLF CLUB INC	R250	S	0.000	0.202	0.202
006709	004	WELLS FARGO BANK MINNESOTA NATL	R250	S	0.134	0.292	0.292
009335	002	CHARLOTTE GOLF PARTNERS LTD	R250	S	0.200	0.325	0.325
009798	002	CHARLOTTE GOLF PARTNERS LTD	R250	S	0.000	0.168	0.168
010169	003	CENTEX HOMES A NEVADA GENERAL	R250	S	0.113	0.352	0.352
010932	001	CHARLOTTE GOLF PARTNERS LP	R250	S	0.317	0.332	0.332
011687	000	LEMON BAY GOLF CLUB INC	R250	S	0.079	0.134	0.134
011688	000	LEMON BAY GOLF CLUB INC	R250	S	0.112	0.139	0.139
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					1.092	2.246	2.246
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					1.835	2.363	2.342
CITRUS COUNTY							
000419	006	CITY OF INVERNESS	R240	G	0.018	1.725	0.025
002851	002	SEVEN RIVERS GOLF & COUNTRY CLUB	R250	G	0.192	0.224	0.224
002851	002	SEVEN RIVERS GOLF & COUNTRY CLUB	R250	S	0.000	0.224	0.224
003228	006	CITRUS HILLS INVESTMENT PROP INC	R310	G	0.553	0.666	0.666
003673	004	SUNTACC & COMPANY, INC.	R320	G	0.306	0.479	0.479
006121	003	BRENTWOOD FARMS, INC.	R250	G	0.141	0.176	0.176
007805	005	HAMPTON HILLS A FLORIDA PARTNER	R250	G	0.052	0.929	0.929
007805	005	HAMPTON HILLS A FLORIDA PARTNER	R250	S	0.000	0.929	0.929
008623	001	CITRUS CONDOS INC	R310	G	0.000	0.035	0.035
008785	005	BLACK DIAMOND PROPERTIES INC	R250	G	0.126	1.270	1.270
008785	005	BLACK DIAMOND PROPERTIES INC	R250	S	0.000	1.270	1.270
008970	001	PLANTATION GOLF RESORT, INC.	R310	G	0.120	0.400	0.400
008970	001	PLANTATION GOLF RESORT, INC.	R310	S	0.146	0.400	0.400
008997	006	INVERNESS GOLF AND COUNTRY CLUB	R290	G	0.170	0.151	0.151
009574	000	BEVERLY HILLS GOLF & COUNTRY	R250	G	0.006	0.500	0.500
009574	000	BEVERLY HILLS GOLF & COUNTRY	R250	S	0.000	0.500	0.500
009964	001	PINE RIDGE COUNTRY CLUB & PINE	R250	G	0.243	0.329	0.329
010260	000	USA HIRUKAWA, INC. DBA CITRUS	R250	G	0.131	0.222	0.222
010404	002	FLOVICC & COMPANY, INC.	R250	G	0.095	0.261	0.261
011631	000	STEPHEN T PYLES	R290	G	0.204	0.245	0.245
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					2.504	7.613	5.913
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.503	0.791	0.594

Table A-5. Estimated and Reported Recreational/Aesthetic Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
DESOTO COUNTY							
002746	004	SUNNYBREEZE PALMS GOLF COURSE	R310	G	0.037	0.378	0.378
002746	004	SUNNYBREEZE PALMS GOLF COURSE	R310	S	0.000	0.378	0.378
009105	001	CITY OF ARCADIA	R250	G	0.011	0.087	0.087
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					0.048	0.464	0.464
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.123	0.228	0.144
HARDEE COUNTY							
TOTAL REPORTED WITHDRAWAL (NONE)					0.000	0.000	0.000
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.237	0.388	0.281
HERNANDO COUNTY							
000368	006	HEATHER GOLF & COUNTRY CLUB,	R250	G	0.048	0.061	0.061
002982	004	BROOKRIDGE COUNTRY CLUB	R250	G	0.252	0.350	0.350
003726	003	HIGH POINT GOLF CLUB, INC.	R250	G	0.139	0.149	0.149
004893	005	WEEKI WACHEE SPRINGS LLC	R320	G	0.082	0.216	0.216
006592	002	LEMCKO FLORIDA, INC. (SPRING	R280	G	0.311	0.409	0.409
006873	001	BROOKSVILLE GOLF & COUNTRY CLUB	R250	G	0.116	0.167	0.167
007852	002	WHISPERING OAKS GOLF CLUB, INC.	R250	G	0.149	0.265	0.265
008124	002	OAK HILLS GOLF COURSE	R250	G	0.305	0.444	0.444
008639	010	TIMBER PINES COMMUNITY	R250	G	0.026	0.363	0.363
008833	004	S & D FLORIDA SEVILLE LTD	R310	G	0.000	0.482	0.300
008833	004	S & D FLORIDA SEVILLE LTD	R310	S	0.000	0.482	0.300
009060	002	LEMCKO FLORIDA, INC. (SEVEN	R250	G	0.257	0.389	0.389
010199	001	SHERMAN HILLS GOLF CLUB INC	R280	G	0.315	0.333	0.333
010199	001	SHERMAN HILLS GOLF CLUB INC	R280	S	0.000	0.333	0.333
010539	003	WORLD WOODS CORPORATION	R270	G	0.012	0.782	0.707
010539	003	WORLD WOODS CORPORATION	R270	S	0.000	0.782	0.707
010760	000	GLEN AYERS INC	R250	G	0.057	0.222	0.222
011059	003	GLEN LAKES HOMEOWNERS	R240	G	0.008	0.295	0.295
011059	003	GLEN LAKES HOMEOWNERS	R240	S	0.000	0.295	0.295
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					2.076	4.927	4.670
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					1.072	1.577	1.544
HIGHLANDS COUNTY							
004637	006	P E H ENTERPRISES DBA HARDER	R250	G	0.253	0.278	0.278
004708	006	SUN'N LAKE OF SEBRING	R250	G	0.605	1.057	0.557
005107	004	CITY OF SEBRING	R250	G	0.072	0.145	0.145
005646	007	PINECREST ON LOTELA INC	R310	G	0.135	0.198	0.198
006498	002	RIVER GREENS SOUTH GOLF COURSE	R280	G	0.205	0.238	0.238
007704	003	THE COUNTRY CLUB OF SEBRING	R250	G	0.326	0.598	0.349
007704	003	THE COUNTRY CLUB OF SEBRING	R250	S	0.000	0.598	0.349
007811	004	CWS COMMUNITIES LP DBA CRYSTAL	R250	G	0.047	0.309	0.163

Table A-5. Estimated and Reported Recreational/Aesthetic Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
HIGHLANDS COUNTY (CONTINUED)							
008327	003	GOLF HAMMOCK COUNTRY CLUB	R290	G	0.289	0.240	0.240
009140	002	ALLISON W REPETTO	R310	G	0.000	0.340	0.171
009516	001	HIGHLANDS RIDGE ASSOCIATES INC	R250	G	0.053	0.455	0.230
009516	001	HIGHLANDS RIDGE ASSOCIATES INC	R250	S	0.000	0.455	0.230
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					1.986	3.858	2.569
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.414	0.492	0.480
HILLSBOROUGH COUNTY							
001098	004	GARDEN OF MEMORIES FUNERAL HOME	R240	G	0.620	0.532	0.532
001532	004	CARGILL FERTILIZER INC	R310	G	0.000	5.985	0.015
001532	004	CARGILL FERTILIZER INC	R310	S	0.006	5.985	0.015
001960	011	UNIVERSITY OF SOUTH FLORIDA	R260	G	0.639	2.374	0.983
001960	011	UNIVERSITY OF SOUTH FLORIDA	R260	S	0.008	2.374	0.983
002177	002	BUCKHORN SPRINGS GOLF & COUNTRY	R250	G	0.000	0.121	0.121
002177	002	BUCKHORN SPRINGS GOLF & COUNTRY	R250	S	0.000	0.121	0.121
002320	008	BUSCH ENTERTAINMENT CORPORATION	R320	G	1.029	1.810	1.810
002320	008	BUSCH ENTERTAINMENT CORPORATION	R320	S	0.068	1.810	1.810
002705	006	BUSCH ENTERTAINMENT CORPORATION	R250	S	0.002	0.067	0.067
002845	002	WESTCHASE ASSOCIATES INC	R220	G	0.035	0.060	0.060
003132	007	SOUTH CRYSTAL LAKE IMPROVEMENT	R250	G	0.000	0.203	0.203
003375	002	THE FAIRWAYS GROUP	R210	G	0.000	0.022	0.022
003582	002	CRENSHAW LAKE IMPROVEMENT	R250	G	0.165	0.257	0.257
003685	004	CITY OF TEMPLE TERRACE & TEMPLE	R250	G	0.045	0.914	0.914
003685	004	THE FAIRWAYS GROUP LTD PTNSHP	R250	S	0.000	0.914	0.914
004526	004	THE FAIRWAYS GROUP LTD PTNSHP	R240	G	0.008	0.279	0.279
004526	004	HILLSBOROUGH CO AVIATION AUTH	R240	S	0.087	0.279	0.279
004549	003	HILLSBOROUGH CO AVIATION AUTH	R220	G	0.100	0.290	0.290
004757	001	LAKE CHARLES IMPROVEMENT	R240	G	0.004	0.127	0.021
006092	005	WILDER MOBILE HOMES INC.	R250	G	0.390	2.982	2.982
006092	005	FLORIDA DESIGN COMMUNITIES INC	R250	S	1.421	2.982	2.982
006100	002	FLORIDA DESIGN COMMUNITIES INC	R250	G	0.273	0.205	0.205
006960	003	TAMPA SPORTS AUTHORITY	R310	G	0.002	0.454	0.395
006960	003	NHC-FL8-LP	R310	S	0.000	0.454	0.395
007091	001	NHC-FL8-LP	R310	G	0.000	0.311	0.311
007091	001	DIAMOND HILLS GOLF COURSE	R310	S	0.004	0.311	0.311
007213	001	DIAMOND HILLS GOLF COURSE	R240	G	0.001	0.032	0.001
007637	003	BAY HILLS VILLAGE CONDO ASSOC	R250	G	0.021	0.789	0.464
007637	003	CAX RIVERSIDE LLC	R250	S	0.000	0.789	0.464
007774	002	CAX RIVERSIDE LLC	R240	G	0.062	0.278	0.278
008126	003	LAKE CARLTON ARMS PARTNERSHIP	R250	G	0.150	0.325	0.325
008126	003	NATIONAL GOLF OPERATING	R250	S	0.000	0.325	0.325
008137	003	NATIONAL GOLF OPERATING	R250	G	0.135	0.170	0.170
008137	003	FLORIDA COLLEGE INC	R250	G	0.135	0.170	0.170

Table A-5. Estimated and Reported Recreational/Aesthetic Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
HILLSBOROUGH COUNTY (CONTINUED)							
008641	002	OLD MEMORIAL GOLF CLUB	R250	G	0.051	0.084	0.084
009042	007	ARBOR GREENE JOINT VENTURE &	R240	G	0.000	0.367	0.367
009042	007	ARBOR GREENE JOINT VENTURE &	R240	S	0.000	0.367	0.367
009137	003	WESTBROOK EAGLE RIVER HILLS LP	R250	G	0.032	0.119	0.119
010161	002	LOWRY PARK ZOOLOGICAL SOCIETY OF	R320	G	0.237	0.261	0.261
010516	003	HILLSBOROUGH CO WATER DEPT	R250	G	0.127	0.470	0.470
010561	002	BLUE SKY GOLF CORP & CORONET IND	R310	G	0.123	0.235	0.235
010724	000	GOLF CLUB AT CYPRESS CREEK	R250	G	0.000	0.240	0.240
010724	000	GOLF CLUB AT CYPRESS CREEK	R250	S	0.115	0.240	0.240
010819	000	ARC SUN CITY GOLF COURSE INC	R250	G	0.097	0.097	0.097
010819	000	ARC SUN CITY GOLF COURSE INC	R250	S	0.000	0.097	0.097
011139	001	JOHN D & JILLIAN W LOCKABY	R220	G	0.119	0.134	0.134
011428	000	HUNTER'S GREEN ACQUISITION CORP.	R250	G	0.000	0.384	0.384
011428	000	HUNTER'S GREEN ACQUISITION CORP.	R250	S	0.146	0.384	0.384
011682	000	CORY LAKES COMMUNITY DEVELOPMENT	R240	G	0.365	0.399	0.399
011771	000	TAMPA BAY WATER A REGIONAL	R220	G	0.198	0.167	0.167
011830	000	TAMPA BAY DOWNS INC	R300	G	0.032	0.155	0.121
011830	000	TAMPA BAY DOWNS INC	R300	S	0.000	0.155	0.121
012024	000	CITY OF TAMPA	R250	G	0.022	0.323	0.323
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					6.843	22.023	14.105
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					6.253	8.370	7.867
LAKE COUNTY							
TOTAL REPORTED WITHDRAWAL (NONE)					0.000	0.000	0.000
TOTAL ESTIMATED WITHDRAWAL (NONE)					0.000	0.000	0.000
LEVY COUNTY							
TOTAL REPORTED WITHDRAWAL (NONE)					0.000	0.000	0.000
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.265	0.445	0.342
MANATEE COUNTY							
004443	006	HARBOURVEST LLC	R250	G	0.000	3.408	1.316
004443	006	HARBOURVEST LLC	R250	S	0.000	3.408	1.316
004507	004	RIVER ROAD PLANTATION LTD &	R250	G	0.222	0.294	0.294
004507	004	RIVER ROAD PLANTATION LTD &	R250	S	0.000	0.294	0.294
005454	003	PALM VIEW GOLF CORPORATION	R250	G	0.023	0.033	0.033
005534	002	RIVER ISLES GOLF ASSOCIATION INC	R250	G	0.037	0.040	0.040
007846	016	SCHROEDER MANATEE RANCH INC	R290	G	0.494	15.285	1.821
007846	016	SCHROEDER MANATEE RANCH INC	R290	S	0.081	15.285	1.821
008012	002	SARA BAY COUNTRY CLUB INC	R250	G	0.001	0.167	0.167
008012	002	SARA BAY COUNTRY CLUB INC	R250	S	0.111	0.167	0.167
009379	000	TARA GOLF & CO CLUB INC	R250	G	0.138	0.409	0.409

Table A-5. Estimated and Reported Recreational/Aesthetic Withdrawal by Permittee and County, 2001.

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MANATEE COUNTY (CONTINUED)							
010690	002	F BROWNE GREGG-CPV GULFCOAST LTD	R240	G	0.000	1.537	0.007
011401	001	BEACHWAY ASSOCIATES	R240	G	0.004	0.003	0.003
011666	000	TERRA CEIA MANOR RES COP INC	R240	G	0.012	0.022	0.022
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					1.123	21.198	4.111
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					3.452	4.342	4.301
MARION COUNTY							
000377	005	SIEMENS GROUP	R250	G	0.003	0.481	0.148
000377	005	SIEMENS GROUP	R250	S	0.000	0.481	0.148
001156	007	ON TOP OF THE WORLD INC	R320	G	0.179	5.820	0.635
004257	008	RAINBOW SPRINGS UTILITIES LC	R250	G	0.399	1.870	0.916
005642	002	GOLDEN HILLS GOLF & TURF CLUB	R310	G	0.117	0.291	0.291
005643	004	UTILITIES INC AN ILLINOIS CORP	R240	G	0.010	0.277	0.017
005731	005	FOXWOOD MOBILE HOME PARK	R240	G	0.000	0.085	0.001
006151	006	DECCA UTILITIES/PINE RUN	R320	G	0.001	0.440	0.001
006585	001	OCALA JOCKEY CLUB INC	R240	G	0.037	0.191	0.052
006674	005	GOLDEN Ocala GOLF COURSE & CC	R310	G	0.123	0.449	0.396
007178	004	DEVELOPMENT & CONSTRUCTION	R250	G	0.341	2.310	0.370
007178	004	DEVELOPMENT & CONSTRUCTION	R250	S	0.000	2.310	0.370
008075	002	CLASSIC MILE PARK	R310	G	0.008	0.005	0.002
009497	000	MARION OAKS COUNTRY CLUB INC	R250	G	0.196	0.446	0.446
010476	002	SPRUCE CREEK S. UTILITIES, INC.	R250	G	0.407	0.470	0.303
010861	001	MARION OAKS COUNTRY CLUB INC	R290	G	0.254	0.338	0.338
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					2.075	13.472	3.915
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.453	0.837	0.529
PASCO COUNTY							
004800	003	PASCO COUNTY SCHOOL BOARD	R240	G	0.016	0.055	0.055
004801	004	PASCO COUNTY SCHOOL BOARD	R310	G	0.014	0.301	0.145
005121	005	WILLOW BEND/PASCO HOA INC	R240	G	0.319	0.117	0.117
006113	005	SADDLEBROOK RESORTS INC	R250	G	0.253	0.651	0.651
006113	005	SADDLEBROOK RESORTS INC	R250	S	0.000	0.651	0.651
006821	002	QUAIL RIDGE GOLF & COUNTRY CLUB	R250	G	0.059	0.093	0.086
007450	004	PETER M & HELEN K LENHARDT TST	R250	G	0.111	0.316	0.316
007576	001	THOMPSON STATION ENTERPRISES LLC	R250	G	0.000	0.360	0.360
007672	003	RON & NANCY-ANDY & CHRIS PADOVA	R250	G	0.170	0.322	0.322
007733	001	THE LINKS OF LAKE BERNADETTE,	R250	G	0.118	0.231	0.231
008118	003	RIVER RIDGE GOLF CLUB, INC. &	R250	G	0.002	0.126	0.126
008118	003	RIVER RIDGE GOLF CLUB, INC. &	R250	S	0.000	0.126	0.126
008491	001	HILLCREST R.V. RESORT, INC.	R320	G	0.024	0.190	0.190
008561	001	SILVER OAKS GOLF & COUNTRY CLUB,	R250	G	0.175	0.225	0.225
008892	002	ZEPHYR SPRINGS GOLF CLUB	R250	G	0.121	0.111	0.111

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PASCO COUNTY (CONTINUED)							
003347	001	SUNDANCE GOLF & COUNTRY CLUB INC	R310	G	0.281	0.348	0.348
009525	000	BEACON HOMES OF FLORIDA, INC.	R250	G	0.000	0.246	0.246
009525	000	BEACON HOMES OF FLORIDA, INC.	R250	S	0.000	0.246	0.246
009666	000	ALFRED HEILER	R240	G	0.001	0.061	0.001
009967	001	QUAIL HOLLOW GOLF & COUNTRY CLUB	R250	G	0.000	0.352	0.352
010366	001	SEVEN SPRINGS GOLF & COUNTRY	R250	G	0.003	0.402	0.402
010366	001	SEVEN SPRINGS GOLF & COUNTRY	R250	S	0.000	0.402	0.402
010870	001	BETMAR ACRES CLUB INC	R250	G	0.000	0.155	0.155
011145	000	ORDER OF SAINT BENEDICT OF	R250	G	0.093	0.243	0.169
011275	004	TRANSEASTERN PROPERTIES INC	R250	G	0.020	0.287	0.287
011275	004	TRANSEASTERN PROPERTIES INC	R250	S	0.000	0.287	0.287
011589	002	PULTE HOME CORP	R250	G	0.189	0.310	0.310
011589	002	PULTE HOME CORP	R250	S	0.000	0.310	0.310
011771	000	TAMPA BAY WATER A REGIONAL	R220	G	0.289	0.332	0.332
011898	000	PASCO COUNTY SCHOOL BOARD	R300	G	0.102	0.186	0.186
011913	000	US HOME CORPORATION-NORTH	R250	G	0.003	0.099	0.099
011913	000	US HOME CORPORATION-NORTH	R250	S	0.000	0.099	0.099
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					2.450	6.119	5.822
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					2.640	3.481	3.337
PINELLAS COUNTY							
002215	003	MEMORIAL PARK, INC. (MEMORIAL	R230	G	0.201	0.393	0.393
003707	003	BARDMOOR/BAYOU INC	R290	G	0.099	0.573	0.568
003707	003	BARDMOOR/BAYOU INC	R290	S	0.000	0.573	0.568
004555	002	PINELLAS CO PARKS DEPARTMENT	R240	S	0.013	0.234	0.234
005236	004	EAST BAY COUNTRY CLUB	R250	G	0.000	0.042	0.042
005236	004	EAST BAY COUNTRY CLUB	R250	S	0.000	0.042	0.042
007362	001	PINELLAS CO PARKS DEPARTMENT	R240	G	0.012	0.177	0.109
007362	001	PINELLAS CO PARKS DEPARTMENT	R240	S	0.003	0.177	0.109
008959	002	HIGHLAND LAKES HOMEOWNERS	R250	G	0.000	0.124	0.124
008959	002	HIGHLAND LAKES HOMEOWNERS	R250	S	0.009	0.124	0.124
009065	004	LANSBROOK MASTER ASSOCIATION INC	R240	G	0.000	0.292	0.292
009065	004	LANSBROOK MASTER ASSOCIATION INC	R240	S	0.303	0.292	0.292
010318	000	HOME OWNERS OF PALM HILL, INC.	R250	G	0.191	0.247	0.247
010318	000	HOME OWNERS OF PALM HILL, INC.	R250	S	0.000	0.247	0.247
010646	000	SAFETY HARBOR SPA & FITNESS	R250	G	0.000	0.101	0.001
010882	000	PINELLAS CO PARKS DEPARTMENT	R270	S	0.081	0.306	0.306
011771	000	TAMPA BAY WATER A REGIONAL	R220	G	0.088	0.101	0.101
011816	000	CITY OF CLEARWATER & CLEARWATER	R250	G	0.071	0.112	0.112
011995	000	SEMINOLE LAKE GOLF COURSE, INC	R250	G	0.000	0.177	0.177
011995	000	SEMINOLE LAKE GOLF COURSE, INC	R250	S	0.000	0.177	0.177

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PINELLAS COUNTY (CONTINUED)							
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)							
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)							
POLK COUNTY							
000143	010	MOUNTAIN LAKE CORP	R250	G	1.263	4.426	1.902
000143	010	MOUNTAIN LAKE CORP	R250	S	0.000	4.426	1.902
001247	004	SANDPIPER GOLF & COUNTRY CLUB	R250	G	0.391	0.309	0.309
001625	005	FOUR LAKES GOLF CLUB LTD	R250	G	0.103	0.417	0.172
001625	005	FOUR LAKES GOLF CLUB LTD	R250	S	0.000	0.417	0.172
002449	003	SWEETWATER EAST INVESTMENT CO	R320	G	0.023	0.121	0.029
002554	004	LAKE REGION YACHT & COUNTRY CLUB	R310	G	0.141	0.281	0.281
003630	003	CITY OF WINTER HAVEN	R250	G	0.024	0.042	0.042
004857	003	CSR RINKER MATERIALS AND	R240	G	0.000	7.960	0.000
004857	003	CSR RINKER MATERIALS AND	R240	S	0.000	7.960	0.000
005251	004	SPORTS SHINKO (FLORIDA) CO LTD	R290	G	0.651	1.368	0.947
005251	004	SPORTS SHINKO (FLORIDA) CO LTD	R290	S	0.000	1.368	0.947
005524	002	HIGHLAND PARK CLUB	R250	G	0.097	0.278	0.278
006128	004	BEN HILL GRIFFIN INC	R250	G	0.317	0.399	0.368
006128	004	BEN HILL GRIFFIN INC	R250	S	0.000	0.399	0.368
006155	003	SUN AIR COUNTRY CLUB	R250	G	0.000	0.231	0.231
006155	003	SUN AIR COUNTRY CLUB	R250	S	0.109	0.231	0.231
007187	006	CHC VII LTD CENTURY REALTY FUND	R250	G	0.203	0.487	0.230
007328	006	CAREFREE R V COUNTRY CLUB OF	R250	G	0.040	0.192	0.092
007328	006	CAREFREE R V COUNTRY CLUB OF	R250	S	0.000	0.192	0.092
007489	003	FLORIDA CYPRESS GARDENS INC	R300	G	0.484	0.893	0.893
007489	003	FLORIDA CYPRESS GARDENS INC	R300	S	0.007	0.893	0.893
007963	002	HIGHLAND FAIRWAYS GOLF CLUB INC	R250	G	0.060	0.118	0.118
008467	002	CITY OF LAKE LAND	R250	G	0.177	0.417	0.417
008472	001	CYPRESS LAKES VENTURE	R290	S	0.075	0.453	0.295
008553	001	CYPRESSWOOD GOLF & COUNTRY CLUB	R250	G	0.081	0.400	0.400
008967	004	SWEETWATER CO OP INC	R250	G	0.031	0.159	0.050
008967	004	SWEETWATER CO OP INC	R250	S	0.000	0.159	0.050
009123	002	THE MAHAFFEY CO	R240	G	0.000	0.036	0.036
009234	002	CITY OF BARTOW	R250	G	0.207	0.356	0.356
009903	005	BAYTREE GOLF CLUB	R250	G	0.174	0.202	0.202
009903	005	BAYTREE GOLF CLUB	R250	S	0.000	0.202	0.202
009961	002	THE DRUMMOND COMPANY INC	R250	G	0.059	0.341	0.341
009961	002	THE DRUMMOND COMPANY INC	R250	S	0.143	0.341	0.341
009985	003	J L LAND DEVELOPMENT INC	R250	G	0.025	0.334	0.334
009985	003	J L LAND DEVELOPMENT INC	R250	S	0.177	0.334	0.334

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POLK COUNTY (CONTINUED)							
010392	004	MILMACK INC	R250	G	0.001	0.442	0.442
010392	004	MILMACK INC	R250	S	0.000	0.442	0.442
010491	002	MC DONALD PARTNERSHIP	R250	S	0.227	0.106	0.106
010656	003	EXECUTIVES GOLF CLUB INC DBA	R290	G	0.154	0.196	0.196
010656	003	EXECUTIVES GOLF CLUB INC DBA	R290	S	0.000	0.196	0.196
010826	000	LONE PALM GOLF CLUB	R250	G	0.000	0.290	0.290
010826	000	LONE PALM GOLF CLUB	R250	S	0.057	0.290	0.290
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					5.498	21.252	9.355
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					3.439	4.666	4.200
SARASOTA COUNTY							
003941	002	MISSION VALLEY GOLF & COUNTRY	R250	G	0.035	0.234	0.234
003941	002	MISSION VALLEY GOLF & COUNTRY	R250	S	0.000	0.234	0.234
004906	001	SARASOTA HERALD TRIBUNE	R210	G	0.001	0.004	0.004
005385	005	WELLS FARGO BANK MINNESOTA NATL	R250	G	0.000	0.225	0.225
005517	002	CAPRI ISLES GOLF INC	R250	G	0.002	0.040	0.040
005517	002	CAPRI ISLES GOLF INC	R250	S	0.000	0.040	0.040
005569	003	MHC-BAY INDIES VISTAS INC	R240	G	0.023	0.031	0.031
005970	004	INN ON THE BEACH HOA INC	R240	G	0.029	0.024	0.024
006364	008	PLANTATION MANAGEMENT ASSOC	R250	G	0.000	1.502	1.502
006364	008	PLANTATION MANAGEMENT ASSOC	R250	S	0.465	1.502	1.502
006710	002	SABAL TRACE CORPORATION	R250	S	0.012	0.095	0.095
006863	003	KEY CLUB ASSOC D/B/A LONGBOAT	R250	G	0.270	0.284	0.284
007448	003	ROYALTY RESORTS CORPORATION	R320	G	0.015	0.241	0.036
007488	001	FOXFIRE GOLF COURSE OF SARASOTA	R250	G	0.043	0.228	0.214
007488	001	FOXFIRE GOLF COURSE OF SARASOTA	R250	S	0.027	0.228	0.214
007846	016	SCHROEDER MANATEE RANCH INC	R290	G	0.028	15.285	1.821
007846	016	SCHROEDER MANATEE RANCH INC	R290	S	0.002	15.285	1.821
007873	002	MYAKKA PINES GOLF CLUB INC	R310	G	0.000	0.368	0.368
007873	002	MYAKKA PINES GOLF CLUB INC	R310	S	0.006	0.368	0.368
007893	003	TOURNAMENT PLAYERS CLUB AT	R280	G	0.001	0.443	0.443
007893	003	TOURNAMENT PLAYERS CLUB AT	R280	S	0.205	0.443	0.443
008782	001	TATUM RIDGE GOLF LINKS INC	R310	G	0.014	0.137	0.137
008782	001	TATUM RIDGE GOLF LINKS INC	R310	S	0.000	0.137	0.137
008819	001	GOLF CLUB OF ENGLEWOOD INC	R280	G	0.000	0.166	0.166
008819	001	GOLF CLUB OF ENGLEWOOD INC	R280	S	0.121	0.166	0.166
008900	004	MEADOWS COUNTRY CLUB INC	R250	G	0.000	0.744	0.744
008900	004	MEADOWS COUNTRY CLUB INC	R250	S	0.000	0.744	0.744
009517	002	LAUREL OAK COUNTRY CLUB	R250	G	0.041	1.018	1.018
009517	002	LAUREL OAK COUNTRY CLUB	R250	S	0.466	1.018	1.018
009667	002	SAM RODGERS PROPERTIES INC	R250	G	0.012	0.357	0.357
009667	002	SAM RODGERS PROPERTIES INC	R250	S	0.000	0.357	0.357

Table A-5. Estimated and Reported Recreational/Aesthetic Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
SARASOTA COUNTY (CONTINUED)							
009839	003	VENICE GOLF & COUNTRY CLUB LTD	R250	G	0.000	0.446	0.446
009839	003	VENICE GOLF & COUNTRY CLUB LTD	R250	S	0.091	0.446	0.446
010407	000	SERENOA GOLF CLUB LLC	R250	G	0.024	0.324	0.324
010605	003	MARINA BAY ASSOCIATION INC	R240	G	0.016	0.017	0.017
010606	002	KEY CLUB ASSOC DBA LONGBOAT KEY	R250	G	0.203	0.471	0.471
010823	002	CALUSA LAKES COMMUNITY ASSOC INC	R240	G	0.321	0.375	0.375
010880	000	SOUTHBAY YACHT & RACQUET CLUB	R240	G	0.142	0.279	0.279
011044	000	VILLAGE BROOKE CONDOMINIUM	R290	G	0.023	0.034	0.034
011080	001	DIOCESE OF VENICE	R240	G	0.014	0.034	0.034
011417	000	US HOME CORPORATION & TROON ASSC	R250	G	0.298	0.485	0.485
011417	000	US HOME CORPORATION & TROON ASSC	R250	S	0.000	0.485	0.485
011638	001	MARSH CREEK HOLDINGS LTD	R250	G	0.132	0.490	0.490
011638	001	MARSH CREEK HOLDINGS LTD	R250	S	0.000	0.490	0.490
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					3.082	24.379	10.696
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					4.423	5.538	5.538
SUMTER COUNTY							
002622	005	CONTINENTAL COUNTRY CLUB RO	R310	G	0.185	0.569	0.242
003152	004	GRAHAM CONTRACTING INC	R320	G	0.005	0.490	0.168
003206	009	THE VILLAGES OF LAKE SUMTER INC	R280	G	0.571	1.345	1.345
003206	009	THE VILLAGES OF LAKE SUMTER INC	R280	S	0.168	1.345	1.345
006793	003	RAINFOREST RV INC	R250	G	0.148	0.230	0.230
008135	005	CITY OF WILDWOOD	R230	G	0.005	2.470	0.007
008675	002	USA VETERANS ADMINISTRATION	R310	G	0.445	0.495	0.495
010923	000	SPRUCE CREEK DEVELOPMENT CO OF	R250	G	0.291	0.446	0.446
010923	000	SPRUCE CREEK DEVELOPMENT CO OF	R250	S	0.000	0.446	0.446
011624	001	VILLAGE COMMUNITY DEV DIST #2 &	R250	G	0.041	0.257	0.257
011856	000	BRASBOYS ENTERPRISES INC DBA	R310	G	0.003	0.042	0.042
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					1.863	6.358	3.232
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.223	0.466	0.281

Table A-5. Estimated and Reported Recreational/Aesthetic Withdrawal by Permittee and County, 2001.

Permit No.	Rev No.	Permittee	USE CODE	WITHDRAWAL SOURCE	2001 WITHDRAWAL	TOTAL PERMIT QUANTITY	USE TYPE PERMIT QUANTITY
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
DISTRICT TOTAL							
TOTAL DISTRICT REPORTED WITHDRAWAL (OF ALL PERMITS SHOWN ABOVE)					31.712	136.788	69.804
TOTAL DISTRICT ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					29.402	39.043	36.839

SOURCE: DATA BASED UPON 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE.

NOTES:

- (1): PERMIT NO. = PERMIT NUMBER ASSIGNED TO THE PERMIT BY THE DISTRICT AND REMAINS THE SAME FOR THE LIFE OF THE PERMIT.
- (2): REV. NO. = REVISION NUMBER ATTACHED AS A SUFFIX TO PERMIT NUMBER AND INCREASES BY ONE EACH TIME THE PERMIT IS RENEWED OR MODIFIED.
- (3): PERMITTEE IS THE PERMIT OWNER AND/OR LEASE HOLDER OF PROPERTY ASSOCIATED WITH THE PERMIT.
- (4): USE CODE IS A CODE ASSIGNED TO THE PERMIT WHICH DESIGNATES THE PERMIT'S PRIMARY NEED FOR WATER (i.e., CITRUS PRODUCTION, GOLF COURSE IRRIGATION, CEMENT MANUFACTURING, etc.)
- (5): WITHDRAWAL SOURCE = GROUND WATER (G) OR SURFACE WATER (S).
- (6): 2001 USE - EACH PERMIT'S AVERAGE DAILY WITHDRAWAL OF WATER IN MILLION GALLONS PER DAY IN 2001.
- (7): TOTAL PERMIT QUANTITY - TOTAL AMOUNT OF WATER PERMITTED (MAY INCLUDE ONE OR MORE OF THE FOLLOWING CATEGORIES: RECREATIONAL/AESTHETIC, AGRICULTURAL, PUBLIC SUPPLY, INDUSTRIAL/COMMERCIAL, MINING/DEWATERING)
- (8): USE TYPE PERMIT QUANTITY - PERMITTED AMOUNT FOR RECREATIONAL/AESTHETIC WATER USE ONLY.

Table A-6. Estimated Recreational/Aesthetic Water Use by Month, 2001.

COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)
CHARLOTTE	2.750	3.315	2.560	3.375	4.087	3.102	1.436	2.472	2.029	2.859	3.754	3.390
CITRUS	2.464	2.809	2.311	3.537	4.141	3.227	1.837	3.015	2.227	3.622	3.140	3.760
DESOTO	0.199	0.198	0.194	0.204	0.242	0.201	0.050	0.136	0.154	0.127	0.206	0.148
HARDEE	0.190	0.280	0.198	0.160	0.249	0.259	0.179	0.189	0.221	0.202	0.424	0.297
HERNANDO	3.798	3.114	4.368	3.478	5.165	3.548	3.060	2.809	2.489	3.759	4.091	3.594
HIGHLANDS	3.072	2.662	2.366	2.883	3.462	2.548	1.455	2.179	1.618	2.264	5.892	2.468
HILLSBOROUGH	11.539	15.038	11.102	16.919	17.941	15.529	10.194	11.816	8.322	16.159	12.314	15.887
LEVY	0.237	0.287	0.260	0.325	0.371	0.288	0.141	0.227	0.169	0.264	0.336	0.270
MANATEE	3.754	4.370	3.920	4.399	5.788	4.146	2.386	3.384	3.041	4.096	5.474	4.406
MARION	1.747	2.495	2.555	3.001	4.356	3.079	1.781	2.419	2.206	3.454	3.465	2.815
PASCO	4.638	5.288	5.015	5.446	9.941	5.052	2.476	3.920	2.833	4.472	6.130	4.783
PINELLAS	5.341	6.898	5.779	5.933	7.657	7.008	3.914	4.570	4.398	5.287	8.767	6.104
POLK	9.200	11.397	9.712	10.547	13.218	10.366	7.962	8.173	4.987	8.972	11.855	9.701
SARASOTA	7.912	9.861	8.742	8.276	11.405	13.640	4.205	6.344	5.374	7.789	12.299	7.503
SUMTER	3.543	1.312	1.712	2.356	3.837	1.839	1.531	1.861	1.452	2.678	1.581	1.468
DISTRICT TOTAL	60.384	69.323	60.796	70.839	91.859	73.832	42.606	53.513	41.521	66.004	79.728	66.594
WITHDRAWAL TYPE												
GROUND WATER	27.237	29.255	29.010	30.086	45.105	32.287	19.491	25.239	18.270	30.090	38.868	31.118
SURFACE WATER	33.147	40.068	31.786	40.754	46.755	41.545	23.115	28.274	23.250	35.914	40.860	35.477

SOURCE: 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL QUANTITY (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
CHARLOTTE COUNTY							
000608	008	PAUL BRYAN INC	A415	G	0.349	0.212	0.212
000608	008	PAUL BRYAN INC	A415	S	0.000	0.212	0.212
001019	005	RYALS CITRUS & CATTLE CO	L600	G	0.000	1.935	1.935
002588	006	KELLY FARMS	A515	G	0.000	1.176	1.176
002593	004	C&C INVESTMENTS/J&S CARTER INC	L625	G	0.532	0.885	0.885
002689	003	EAST CHARLOTTE DRAINAGE DISTRICT	A415	G	1.510	3.999	3.999
003070	004	AMERICAN CITRUS PRODUCTS CORP	A415	G	0.466	0.753	0.753
003275	006	ADRIAN R CHAPMAN	A415	G	0.633	1.727	1.727
003530	004	AMERICAN CITRUS PRODUCTS CORP	L625	G	0.788	1.489	1.489
004589	005	HUDSON LAND & CATTLE LLC HUDSON	L610	G	0.106	2.963	2.963
004606	005	JOHN HANCOCK MUTUAL LIFE INS CO	A525	G	0.000	4.833	4.833
004606	005	JOHN HANCOCK MUTUAL LIFE INS CO	A525	S	0.000	4.833	4.833
005936	002	RYALS CITRUS & CATTLE CO	A415	G	0.067	0.166	0.166
006641	005	BURDETTE COWARD & COMPANY INC	A485	G	0.056	0.497	0.497
006641	005	BURDETTE COWARD & COMPANY INC	A485	S	0.123	0.497	0.497
007240	003	CHARLOTTE GROVE OPERATIONS INC	A415	G	0.203	0.703	0.703
008224	004	DAVID C BROWN FARMS INC	L610	G	0.000	4.195	4.195
008388	002	SILKWORTH GROVE	A415	G	0.283	0.279	0.279
009011	004	DUGAN AND NATALIE PORTER	A415	G	0.025	0.313	0.313
009052	003	BEN HILL GRIFFIN INC	A415	G	0.780	2.143	2.143
009052	003	BEN HILL GRIFFIN INC	A415	S	1.208	2.143	2.143
009398	007	TRB GROVES LLC	L625	G	0.387	1.545	1.545
009398	007	TRB GROVES LLC	L625	S	0.446	1.545	1.545
009476	004	BLUE HERON GROVES LIMITED	A415	G	0.773	1.095	1.095
009648	003	JERRY FLINT	A56F	G	0.000	1.421	1.421
009648	003	JERRY FLINT	A56F	S	0.000	1.421	1.421
009926	001	KML CITRUS DEVELOPMENT PTNSHP	A415	G	0.255	1.328	1.328
010874	003	SEMINOLE TRAIL INC	L600	G	0.154	0.487	0.487
010890	000	SHELL CREEK GROVES	A415	G	0.377	0.289	0.289
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					9.521	34.433	34.433
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					8.125	12.276	12.276
CITRUS COUNTY							
007687	006	CRYSTAL RIVER QUARRIES INC	L610	G	0.001	0.828	0.002
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					0.001	0.828	0.002
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					2.018	3.007	2.790
DESO TO COUNTY							
000898	005	GARNER GROVES & CATTLE CO INC	A415	G	0.021	0.222	0.222
000898	005	GARNER GROVES & CATTLE CO INC	A415	S	0.000	0.222	0.222
000940	005	JIMMY PARKER	A415	G	0.000	0.405	0.405
001019	005	RYALS CITRUS & CATTLE CO	L600	G	0.000	1.935	1.935

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
DESOTO COUNTY (CONTINUED)							
001020	006	RYALS CITRUS & CATTLE CO	A470	G	0.283	0.548	0.548
001240	002	ROD R SWEET	A415	G	0.071	0.136	0.136
001381	004	DAVIS ENTERPRISES INC	A415	G	0.093	0.237	0.237
001390	004	SORRELLS GROVES INC	A415	G	0.687	0.455	0.455
001547	003	VIRGINIA J & JAMES ALBRITTON	A470	G	0.000	0.492	0.492
001635	007	BETHEL FARMS LIMITED	A525	G	1.559	2.727	2.727
001687	002	EDGEWOOD CITRUS INC	A415	G	0.053	0.173	0.173
001711	004	SUNNY SOUTH PACKING COMPANY	A415	G	0.068	0.401	0.401
001719	005	SUNNY SOUTH PACKING COMPANY	A415	G	0.129	0.291	0.291
001722	003	SUNNY SOUTH PACKING COMPANY	A415	G	0.127	0.127	0.127
001723	005	SUNNY SOUTH PACKING COMPANY	A415	G	0.189	0.499	0.499
001754	002	EDGEWOOD CITRUS INC	A415	G	0.000	0.258	0.258
001771	004	DINER CITRUS & CATTLE CO	A415	G	0.058	0.263	0.263
001774	003	SUNNY SOUTH PACKING COMPANY	A415	G	0.085	0.113	0.113
002193	009	PHILIP W TURNER	A490	G	0.294	3.790	3.790
002240	004	EUGENE H TURNER FAMILY	A415	G	0.375	0.479	0.479
002241	010	EUGENE H TURNER FAMILY	A490	G	1.340	2.743	2.743
002242	009	PHILIP W TURNER	A490	G	1.200	2.515	2.515
002386	005	JOSHUA WATER CONTROL DISTRICT	L610	G	12.210	25.452	25.452
002613	002	SORRELLS GROVES INC	A415	G	0.569	0.214	0.214
002665	003	PRUDENTIAL INSURANCE CO-AMERICA	A415	G	0.019	1.090	1.090
002665	003	PRUDENTIAL INSURANCE CO-AMERICA	A415	S	2.087	1.090	1.090
002703	005	UNDERHILL FAMILY LP	A415	G	0.262	0.766	0.766
002740	006	EUGENE H TURNER & EUGENE H	A415	G	0.516	1.036	1.036
002821	004	JERRY FLINT	L610	G	1.692	1.047	1.047
002890	004	E & D RANCH LLP	L600	G	0.036	0.210	0.210
003069	007	SYMONS GROVES INC	A415	G	0.268	0.902	0.902
003160	003	C & H GROVES INC	A415	G	0.061	0.232	0.232
003216	004	DESOTO GROVES & DEVELOPMENT INC	A415	G	0.353	0.883	0.883
003275	006	ADRIAN R CHAPMAN	A415	G	1.727	1.727	1.727
003474	003	JOHN W PARKER JR	A415	G	0.097	0.125	0.125
004396	002	SORRELLS GROVES INC	A415	G	0.101	0.181	0.181
004589	005	HUDSON LAND & CATTLE LLC HUDSON	L610	G	0.000	2.963	2.963
004606	005	JOHN HANCOCK MUTUAL LIFE INS CO	A525	G	0.753	4.833	4.833
004606	005	JOHN HANCOCK MUTUAL LIFE INS CO	A525	S	0.290	4.833	4.833
004641	008	ROPER GROWERS COOP LEA CAMP GRV	A415	G	1.297	1.920	1.920
004806	003	SORRELLS GROVES INC	A415	G	0.309	0.445	0.445
005060	007	MCCARTON PARTNERS LTD	A490	G	0.523	3.150	3.150
005875	005	SOUTHERN GROVE MANAGEMENT &	A415	G	0.429	1.127	1.127
005902	003	PRAIRIE CREEK GROVES LLC	A415	G	0.149	0.266	0.266
005951	002	DAN C SHELFER	A415	G	0.076	0.290	0.290
006134	002	AL-BAR RANCH & GROVE PARTNERSHIP	A415	G	0.000	0.201	0.201

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL QUANTITY (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
DESOTO COUNTY (CONTINUED)							
006274	006	SUNPURE LTD	A415	G	0.446	0.842	0.842
006275	005	SUNPURE LTD	A415	G	0.755	1.512	1.512
006411	002	SUNSHINE AGRICULTURE INC	A415	G	0.144	0.391	0.391
006669	008	PRAIRIE RIVER RANCH INC	A415	G	1.932	2.323	2.323
006765	007	JOHN R SR & JR & VAN S LAWRENCE	A415	G	1.111	2.035	2.035
006841	005	FLORIDA DEPT OF CORRECTIONS	L610	G	0.004	0.316	0.006
006871	005	JOE L DAVIS GROVES INC	A415	G	0.301	0.696	0.696
006872	007	BOB PAUL INC	A485	G	0.648	4.356	4.356
006915	005	JAMES D & WALTER L BREWER AND	A490	G	0.128	1.457	1.457
007236	005	FIREDOG FARMS PARTNERSHIP	L625	G	0.134	0.862	0.862
007262	002	SORRELLS GROVES INC	A415	G	0.162	0.127	0.127
007269	004	M J BORAN	L610	G	0.458	1.273	1.273
007331	002	JOHN M ALBRITTON ET AL	A415	G	0.267	0.440	0.440
007434	002	EUGENE H TURNER FAMILY	A415	G	0.178	0.453	0.453
007462	010	BRIGHT HOUR RANCH	L610	G	0.833	3.633	3.633
007475	002	PELICAN GROVES INC	A415	G	0.154	0.304	0.304
007506	002	DRAYTON FARR FORT OGDEN GROVE	A415	G	0.109	0.254	0.254
007528	001	JOHN STITT	A415	G	0.135	0.103	0.103
007535	001	STORY GROVES INC	A415	G	0.153	0.165	0.165
007775	003	SORRELLS GROVES INC	A415	G	0.148	0.216	0.216
007776	003	E & D RANCH LLP	A415	G	0.017	0.130	0.130
007783	002	SUNSHINE AGRICULTURE INC	A415	G	0.281	0.708	0.708
007854	004	ERIK DAHLGAARD TRUST-ROBERT P	A415	G	0.124	0.218	0.218
007870	002	ARCADIA GROVES PARTNERSHIP	A415	G	0.287	0.320	0.320
007957	009	TURNER GROVES CITRUS LIMITED	A415	G	3.304	5.183	5.183
008159	002	JOHN W PARKER JR	A415	G	0.335	0.307	0.307
008186	005	EUGENE H TURNER & C W HARRISON	A415	G	0.290	0.496	0.496
008224	004	DAVID C BROWN FARMS INC	L610	G	0.628	4.195	4.195
008348	002	WILLIAM HEAD	A57F	G	0.094	0.478	0.478
008364	001	EDWARD E PELLA	L610	G	0.036	0.401	0.401
008480	003	THE PRUDENTIAL INSURANCE COMPANY	A415	G	1.259	2.025	2.025
008551	001	T L WELLES SR	A490	G	0.001	0.227	0.227
008566	003	EUGENE H AND PHILIP W TURNER	L610	G	0.919	1.775	1.775
008660	004	SUNKISS GROVES & ELWOOD P SAFRON	A415	G	0.285	0.540	0.540
008757	002	SUNSHINE AGRICULTURE INC	A415	G	0.366	0.696	0.696
008773	002	SUNNYBREEZE GROVES GENERAL	A415	G	0.228	0.292	0.292
008860	004	ESTATE OF V C HOLLINGSWORTH SR	A415	G	0.976	0.834	0.834
008942	001	SORRELLS GROVES INC	A58S	G	0.181	0.395	0.395
008985	004	VALENCIA GROVES LTD	A645	G	1.905	4.789	4.789
009031	001	SORRELLS GROVES INC	A415	G	0.187	0.202	0.202
009032	005	JERRY FLINT & CONSOLIDATED	A56S	G	0.000	0.723	0.723
009127	004	PEACE RIVER CITRUS GROVES INC	A415	G	0.000	0.576	0.576

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

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DESOTO COUNTY (CONTINUED)							
009127	004	PEACE RIVER CITRUS GROVES INC	A415	S	0.615	0.576	0.576
009154	002	J BAR C INC	A415	G	0.695	0.737	0.737
009185	002	C & H GROVES INC	A415	G	0.500	0.673	0.673
009226	002	BEN HILL GRIFFIN INC	L600	G	0.156	2.163	2.163
009384	002	PHILIP & EUGENE TURNER	A470	G	0.000	0.862	0.862
009478	004	M J BORAN	A525	G	0.478	1.313	1.313
009492	001	SUNSHINE AGRICULTURE INC	A415	G	0.342	0.401	0.401
009506	001	ALBRITTON GROVES LIMITED	A415	G	0.208	0.270	0.270
009567	000	ARCADIA CITRUS INC	A415	G	0.231	0.399	0.399
009622	000	JACK WILCOXEN	A525	G	0.028	0.254	0.254
009741	010	CONSOLIDATED MINERALS INC &	A415	G	1.192	1.470	1.470
009782	001	PEACE VALLEY GROVES INC	A415	G	0.645	1.009	1.009
010067	001	ED WATSON	A415	G	0.044	0.222	0.222
010215	001	ARCADIA GROVES INC	A415	G	0.000	0.365	0.365
010505	002	ORANGE CO OF FLORIDA INC	A415	G	0.618	0.812	0.812
010722	003	ORANGE CO OF FLORIDA INC	A415	G	0.611	1.174	1.174
010730	002	ORANGE CO OF FLORIDA INC	A415	G	0.327	0.852	0.852
010790	000	ORANGE CO OF FLORIDA INC	A415	G	0.297	0.394	0.394
010791	002	ORANGE CO OF FLORIDA INC	A415	G	0.572	0.856	0.856
010793	003	ORANGE CO OF FLORIDA INC	A415	G	0.227	0.689	0.689
011124	000	V C HOLLINGSWORTH JR & B J	A56S	G	0.053	2.729	2.729
011549	002	PREMIERE PARTNERS INC	A415	G	0.813	1.270	1.270
011599	000	J R C GROVES INC	A415	G	0.105	0.143	0.143
011636	000	NASIR KHALIDI TST OF THE SAKINA	A415	G	0.111	0.788	0.788
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					58.382	134.980	134.670
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					33.574	48.661	48.658
HARDEE COUNTY							
000056	002	MADDOX GROVES LIMITED	A415	G	0.093	0.151	0.151
000122	002	BALLANTYNE GROVES INC	A415	G	0.031	0.115	0.115
000131	002	BALLANTYNE GROVES INC	A415	G	0.043	0.157	0.157
000212	004	PEACE RIVER CITRUS GROVES INC	A415	G	0.503	0.590	0.590
000438	004	US AGRI-CHEMICALS	L610	G	0.000	9.673	3.176
000480	002	DALE JOHNSON	A415	G	0.106	0.217	0.217
000527	002	MABRY CARLTON & SONS CITRUS	A415	G	0.081	0.365	0.365
000558	002	AL & SYLVIA E CAMPBELL JR	A415	G	0.022	0.175	0.175
000560	002	RATLIFF GROVES	A415	G	0.102	0.124	0.124
000775	004	SHERICK STONE AND JW & BETTY	A415	G	0.080	0.126	0.126
000785	008	OVERLOOK GROVES	A645	G	1.611	1.787	1.787
000834	004	E MILTON LANIER	A415	G	0.058	0.192	0.192
001088	004	CGC AGRI MGMT & PHILIP &	A415	G	0.177	0.215	0.215
001148	002	BUFORD E & SAMMIE W LONG	A415	G	0.149	0.177	0.177

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
HARDEE COUNTY (CONTINUED)							
001227	003	BETTY & WERNER GROVES INC	A415	G	0.027	0.096	0.096
001242	005	BARBEN GROUP & NEW PORT GROVES	A415	G	0.380	0.573	0.573
001257	003	CARLTON & CARLTON RANCHES	A57F	G	0.000	0.476	0.476
001454	006	PREMIERE PARTNERS IV LP	A645	G	0.851	1.561	1.561
001576	005	NORMAN D MALLORY AS TRUSTEE OF	A58S	G	0.504	1.985	1.985
001655	002	T & C INVESTMENTS INC	A57F	G	0.055	0.443	0.443
001672	003	ADRIAN R CHAPMAN	L600	G	0.207	0.232	0.232
001674	002	ADRIAN R CHAPMAN	A415	G	0.071	0.101	0.101
001709	003	SUNNY SOUTH PACKING COMPANY	A415	G	0.054	0.126	0.126
001765	002	RO LEN PROPERTY ENTERPRISES INC	A415	G	0.007	0.106	0.106
001875	005	HARVILL GROVES LTD	A415	G	0.040	0.112	0.112
001906	003	DOPLER GROVES INC	A415	G	0.197	0.261	0.261
001912	004	V & W FARMS INC OF DELRAY BEACH	L645	G	0.427	1.856	1.854
001962	002	EDWARD SCHONTAG ET AL	A470	G	0.063	0.175	0.175
002158	003	C R MELEAR CORPORATION	L645	G	0.193	0.499	0.499
002164	006	C R MELEAR CORPORATION	L615	G	0.221	0.587	0.587
002270	002	PRESCOTT BROTHERS	A415	G	0.225	0.221	0.221
002271	002	HENRY W SMITH GROVE	A415	G	0.066	0.100	0.100
002329	003	GRIFFIN FAMILY LTD PARTNERSHIP	L625	G	0.008	0.108	0.108
002467	006	BEN HILL GRIFFIN INC	L600	G	0.246	1.096	1.096
002623	003	DONALD DAVIS	L610	G	0.000	1.032	1.032
002626	004	LATT MAXCY CORPORATION	A415	G	0.305	0.429	0.429
002635	004	EDGAR DAVIS	A415	G	0.013	0.072	0.072
002715	008	CARGILL FERTILIZER INC	A415	G	1.920	8.403	8.403
002774	002	STORY GROVES INC	A415	G	0.051	0.115	0.115
002870	003	HOLLY HILL FRUIT PRODUCTS CO INC	A415	G	0.069	0.208	0.208
002871	003	HOLLY HILL FRUIT PRODUCTS CO INC	A415	G	0.086	0.170	0.170
002875	005	HOLLY HILL FRUIT PRODUCTS CO INC	A415	G	0.225	1.116	1.116
002876	003	TRANSPORT REALTY	A415	G	0.097	0.216	0.216
002879	003	HOLLY HILL FRUIT PRODUCTS CO INC	A415	G	0.049	0.135	0.135
002880	003	HOLLY HILL FRUIT PRODUCTS CO INC	A415	G	0.072	0.195	0.195
002890	004	E & D RANCH LLP	L600	G	0.007	0.210	0.210
002927	005	CARL M & BETTY A WILBURN CO-TST	L610	G	0.523	0.493	0.493
003076	005	SUSAN C & DANIEL H SMITH &	L635	G	0.104	0.330	0.330
003135	005	CREWS GROVES INC	A425	G	0.613	0.671	0.671
003235	002	TREISTE C SMITH PRESCOTT	A415	G	0.144	0.140	0.140
003258	004	PARKER FARMS INC & JOHN P PARIS	A58S	G	0.731	1.551	1.551
003292	002	JOE L DAVIS SR & J W CREWS JR	A415	G	0.084	0.203	0.203
003508	005	FARMLAND HYDRO LP & GRAHAM FARMS	A470	G	0.000	0.219	0.219
003509	002	DOYLE E & DEBRA H CARLTON III	A415	G	0.104	0.105	0.105
003592	004	JOHN W & MARY LYNN DANIELS	L600	G	0.256	0.390	0.390
003625	002	MARVIN KAHN	A415	G	0.048	0.108	0.108

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HARDEE COUNTY (CONTINUED)							
003626	005	VERO SWEETWATER INC	A415	G	0.287	0.369	0.369
003669	007	CF INDUSTRIES INC	A475	G	0.004	7.605	0.011
003695	003	3-C RANCH LTD	L610	G	0.853	1.219	1.219
003940	003	SHOREWOOD CORPORATION	A490	G	0.000	0.482	0.482
004041	003	MURRELL L DAVIS	A415	G	0.104	0.187	0.187
004091	007	BENTLEY-BRAHMAN RANCH INC	A56S	G	1.496	3.856	3.856
004197	002	RICHARD A KRAUSE	A415	G	0.197	0.187	0.187
004487	003	BEN HILL GRIFFIN INC	A415	G	0.305	0.457	0.457
004525	006	SUNSHINE FOLIAGE WORLD A	L625	G	0.303	0.241	0.241
004817	007	WESTBY CORPORATION	A415	G	0.294	0.458	0.458
005024	003	DOUBLE M RANCH	L645	G	0.017	0.497	0.497
005264	005	FARMLAND INDUSTRIES INC	A415	G	0.205	0.333	0.333
005274	002	CREATIVE GROVES INC	A415	G	0.108	0.154	0.154
005942	006	JAMES ROLAND SKIPPER	L615	G	0.127	1.169	1.169
007025	004	CHARLES BASS	A56S	G	0.264	3.730	3.730
007040	002	ESTATE OF EDWIN R POROZYNSKI	A415	G	0.052	0.131	0.131
007248	001	STORY CITRUS INC	A415	G	0.174	0.199	0.199
007332	002	ALBRITTON & ALBRITTON	A415	G	0.110	0.199	0.199
007343	002	JBG GROVES LTD	A415	G	0.189	0.119	0.119
007376	002	SORRELLS GROVES INC	A415	G	0.176	0.222	0.222
007483	002	C R MELEAR CORPORATION	L640	G	0.200	0.389	0.389
007505	001	SWEETWATER GROVES II	A415	G	0.201	0.224	0.224
007522	001	PUTNAM GROVES INC	A490	G	0.000	0.473	0.473
007742	006	REPUBLIC GROVES INC	A415	G	0.000	0.258	0.258
007946	002	JACK BARBER ENTERPRISES INC	A56S	G	0.008	0.279	0.279
007998	010	HIGHLANDS GROVES INC	A415	G	0.186	0.695	0.695
008017	001	NORRIS GROVES INC	A415	G	0.084	0.131	0.131
008058	001	KENNETH R SANDERS III & ROBERTA	A415	G	0.062	0.102	0.102
008234	002	ROYCE & MARTHA TYSON	A415	G	0.008	0.171	0.171
008372	002	EDWARD S SCHONTAG JR	A415	G	0.131	0.164	0.164
008682	007	CF INDUSTRIES INC & LARRY E	A58S	G	0.000	0.765	0.765
008838	001	HARRIET R SCHONTAG	A415	G	0.053	0.111	0.111
008895	005	V C HOLLINGSWORTH	A415	G	0.552	0.927	0.927
008907	001	JOE L DAVIS GROVES INC	A415	G	0.187	0.262	0.262
008964	002	DAVID M & JANE C DURANDO	L640	G	0.000	0.335	0.335
008969	009	GERMAN FLORIDA CITRUS LIMITED	A415	G	0.167	0.753	0.753
008996	001	JAMES C BICKETT	A415	G	0.398	0.663	0.663
009008	001	SUNNY SOUTH PACKING COMPANY	A415	G	0.103	0.103	0.103
009027	002	DAVIS ENTERPRISES INC	A490	G	0.166	0.629	0.629
009038	004	JOHN R MONSON TRUSTEE	L610	G	0.083	0.275	0.275
009171	003	CHARLES R STEVENS	L610	G	0.312	0.380	0.380
009486	001	OVERLOOK GROVES INC	A415	G	0.221	0.876	0.876

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HARDEE COUNTY (CONTINUED)							
009673	004	C R MELEAR CORP & D TS TC & K	L600	G	0.238	0.740	0.740
009683	001	THELMA C RALEY INC	A415	G	0.298	0.483	0.483
009689	001	EMERSON PRATT LLC	A415	G	0.288	0.225	0.225
009690	000	CREWSVILLE SWEETWATER PROPERTY	A415	G	0.109	0.108	0.108
009691	001	CREWSVILLE SWEETWATER LIMITED I	A415	G	0.200	0.188	0.188
009711	004	WILLIAM H AND LINDA D ALBRITTON	L600	G	0.161	0.113	0.113
009901	001	OLC INC	A415	G	0.216	0.701	0.701
010324	001	LJ PARTNERSHIP	A415	G	0.152	0.127	0.127
010560	000	C ELTON & NORMA D CREWS	L610	G	0.000	0.245	0.245
010671	002	FARMLAND HYDRO LTD PARTNERSHIP	A415	G	1.425	2.797	2.797
011032	000	DONNIS A & KATHLEEN A BARBER	A495	G	0.000	0.173	0.173
011247	000	3-C RANCH LTD	A57F	G	0.056	1.979	1.979
011395	000	WENDELL COLE & FARMLAND HYDRO	A58S	G	0.183	0.423	0.423
011412	000	GRAHAM FARMS MELON SALES INC &	A58S	G	0.000	0.346	0.346
011714	000	MURRELL & NINFA C DAVIS & MICHAEL	A415	G	0.117	0.277	0.277
012199	000	EMIL A AND IDA MAE KIPP	L600	G	0.127	0.323	0.323
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					24.326	81.313	67.218
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					45.512	64.168	63.708
HERNANDO COUNTY							
008825	007	MI NURSERY & JAMES TOKEY WALKER	L645	G	0.436	1.000	1.000
008835	007	MI NURSERY & JAMES TOKEY WALKER	L645	S	0.000	1.000	1.000
008833	004	S & D FLORIDA SEVILLE LTD	L610	G	0.000	0.482	0.006
008833	004	S & D FLORIDA SEVILLE LTD	L610	S	0.000	0.482	0.006
012203	000	FINEST FARMS INC	L600	G	0.000	0.495	0.495
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					0.436	1.977	1.500
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					2.509	3.532	3.442
HIGHLANDS COUNTY							
004061	003	HENRY CRUTCHFIELD INC	A415	G	0.046	0.113	0.113
004075	004	MARY E WARD	A415	G	0.118	0.405	0.405
004077	006	HOLLENBERG FARMS INC	A415	G	0.026	0.106	0.106
004086	007	SUNPURE LTD	A415	G	0.024	0.208	0.052
004086	007	SUNPURE LTD	A415	S	0.004	0.208	0.052
004162	003	MARBETH ASSOCIATES LTD	A415	G	0.062	0.123	0.123
004219	007	S Y HARTT & SON INC	A415	G	1.298	1.841	1.841
004230	003	PEACE VALLEY GROVES INC	A415	G	0.115	0.126	0.126
004251	003	GAPWAY GROVE CORP	A415	G	0.231	0.269	0.269
004253	004	GAPWAY GROVE CORP	A415	G	0.253	0.325	0.325
004284	003	A R CHAPMAN & STEPHENS GROVES	A415	G	0.060	0.295	0.295
004288	002	C ELTON CREWS & ROBERT C CREWS	A415	G	0.058	0.100	0.100
004300	002	DINER CITRUS & CATTLE CO	A415	G	0.084	0.137	0.137

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HIGHLANDS COUNTY (CONTINUED)							
004311	003	BEN HILL GRIFFIN INC	A415	G	0.044	0.107	0.107
004393	004	ORANGE CREEK GROVES INC	A415	G	0.340	0.405	0.405
004527	002	SCHREIBER GROVES INC	A415	G	0.449	0.400	0.400
004557	007	SAXON GROVES INC & RONALD W	A415	G	0.014	0.335	0.335
004557	007	SAXON GROVES INC & RONALD W	A415	S	0.072	0.335	0.335
004604	004	GODWIN GROVES	A415	G	0.101	0.144	0.144
004677	002	BEN HILL GRIFFIN INC	A415	G	0.056	0.110	0.110
004678	002	BEN HILL GRIFFIN INC	A415	G	0.072	0.163	0.163
004679	003	BEN HILL GRIFFIN INC	A415	G	1.232	2.202	2.202
004680	004	BEN HILL GRIFFIN INC	A415	G	1.109	2.223	2.223
004681	003	BEN HILL GRIFFIN INC	A415	G	0.064	0.143	0.143
004685	004	BEN HILL GRIFFIN INC	A415	G	0.321	0.518	0.518
004746	003	HENRY C & JANIE W GOODNOW	A415	G	0.091	0.137	0.137
004896	003	BONNET LAKE PARTNERSHIP	A415	G	0.411	0.919	0.919
004916	002	MCKAY FUSS & ALDERMAN INC	A415	S	0.053	0.119	0.119
004918	003	MCKAY FUSS & ALDERMAN INC	A415	S	0.030	0.050	0.050
004941	004	BENJAMIN & MALA M HINTON	L625	G	0.025	0.157	0.157
004941	004	BENJAMIN & MALA M HINTON	L625	S	0.045	0.157	0.157
005009	006	SNOAK GROVES INC & JOHN-EDWARD	A460	G	0.073	0.187	0.187
005070	002	THOMAS M & MARJORIE R WOHL TST	A415	G	0.119	0.102	0.102
005073	003	HENRY CRUTCHFIELD INC	A415	G	0.116	0.269	0.269
005170	003	DASHER GROVES INC	A415	G	0.179	0.190	0.190
005178	003	LOST LAKE GROVES INC	A415	S	0.368	0.436	0.436
005182	005	CHARLES REYNOLDS	L625	G	0.162	0.294	0.294
005232	003	CREWS GROVES INC & C ELTON CREWS	A415	G	0.077	0.148	0.148
005273	003	JOHN P ADAMS PROPERTIES INC	A415	G	0.129	0.498	0.498
005290	003	GRIGSBY FAMILY PARTNERSHIP	A415	G	0.142	0.236	0.236
005291	002	DAVIS ENTERPRISES INC ET AL	A415	G	0.054	0.390	0.390
005292	002	CRUTCHFIELD GROVES INC	A415	G	0.063	0.293	0.293
005322	002	WALTER E & BARBARA B HARSHMAN	A415	G	0.059	0.211	0.211
005330	002	PRISCILLA S SEIMS TRUSTEE DEED	A490	G	0.104	0.275	0.275
005337	002	CRUTCHFIELD GROVES INC	A415	G	0.104	0.192	0.192
005354	002	CRUTCHFIELD GROVES INC	A415	G	0.065	0.123	0.123
005445	006	JOE L DAVIS JR	A415	G	0.041	0.128	0.128
005464	003	C ELTON CREWS TST REVOC TRUST	A415	G	0.186	0.203	0.203
005516	005	WABASSO ROAD DAIRY INC & L C	L625	G	0.342	1.601	1.601
005522	004	LETTA BONNETT GROVES INC & REV	A415	G	0.259	0.308	0.308
005535	003	J W YONCE & SONS INC	L625	G	0.298	0.432	0.432
005537	004	KAHN CITRUS INC & ANIDEM INC &	A415	G	0.286	0.569	0.569
005563	003	CREWS GROVES INC & LETTA BONNET	A415	G	0.159	0.271	0.271
005566	003	CREWS GROVES INC	A415	G	0.132	0.201	0.201
005583	002	C E CREWS	A415	G	0.173	0.320	0.320

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Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
HIGHLANDS COUNTY (CONTINUED)							
005626	004	ROBERT J BARBEN INC	A415	G	0.457	0.702	0.702
005627	004	ROBERT J BARBEN INC	A415	G	0.287	0.720	0.720
005628	002	CONSOLIDATED CITRUS LTD PARTNER-	A415	G	0.095	0.131	0.131
005630	004	MACBETH ASSOCIATES LTD	A415	G	0.049	0.148	0.148
005631	002	CRUTCHFIELD GROVES INC	A415	G	0.095	0.165	0.165
005638	002	CONSOLIDATED CITRUS LTD PARTNER-	A415	G	1.378	2.235	2.235
005639	003	LATT MAXCY CORP	A475	G	0.377	1.001	1.001
005676	007	LYKES BROS INC	L645	G	1.643	3.121	3.114
005719	004	W F WARD RESIDUAL TRUST	L645	G	0.130	0.359	0.359
005720	003	R H LAWHON GROVES INC	A415	G	0.074	0.173	0.173
005878	005	CHARLES & ANNE D REYNOLDS JR	A415	S	0.043	0.155	0.155
005905	002	PERRY BROTHERS	A415	G	0.074	0.238	0.238
005906	003	SMOAK GROVES INC	A415	G	0.223	0.341	0.341
005907	004	GRIGSBY FAMILY PARTNERSHIP	A415	G	0.221	0.150	0.150
005920	007	PIONEER GROVE INC	A420	G	0.044	0.165	0.165
005998	002	LAKE HENRY GROVES INC	A415	S	0.152	0.110	0.110
005999	003	MALCOLM C JR & JOYCE F WATTERS	A415	S	0.060	0.142	0.142
006000	002	PA-MA-CA-SU GROVES, INC.	A415	G	0.107	0.168	0.168
006031	008	LAKE PLACID GROVES LLC	L645	G	2.557	2.779	2.742
006032	005	LAKE PLACID GROVES LLC	A415	G	0.412	0.561	0.561
006033	006	LAKE JUNE PROPERTIES INC	A415	G	0.732	0.685	0.685
006146	003	ANDREA SMOAK DIXON INC	A415	G	0.066	0.128	0.128
006146	003	ANDREA SMOAK DIXON INC	A415	S	0.000	0.128	0.128
006147	003	GRADY SMOAK GROVES INC	A415	G	0.133	0.175	0.175
006154	003	JOHN F & EDWARD L SMOAK-ETAL	A415	G	0.192	0.232	0.232
006160	004	L D SMITH JR	L625	G	0.095	0.128	0.128
006162	006	COW SLOUGH INC	A415	G	0.568	0.631	0.631
006163	002	SMOAK GROVES INC	A415	G	0.265	0.461	0.461
006165	002	SMOAK GROVES INC	A415	G	0.319	0.348	0.348
006166	003	SMOAK GROVES INC	A415	G	0.295	0.287	0.287
006167	005	EDWARD L & ANNE G SMOAK	A415	G	0.151	0.225	0.225
006169	005	J R & MARGARET W PAUL	A415	G	0.253	0.384	0.384
006170	004	BOB PAUL INC & GRANTOR TRUST	A415	G	0.131	0.183	0.183
006172	004	BEARS DEN GROVES INC	A415	G	0.107	0.124	0.124
006172	004	BEARS DEN GROVES INC	A415	S	0.000	0.124	0.124
006173	004	THELMA C RALEY INC	A415	G	0.172	0.135	0.135
006173	004	THELMA C RALEY INC	A415	S	0.000	0.135	0.135
006176	003	DAVIS & GAINES INC	A415	S	0.077	0.423	0.423
006179	007	GRIGSBY PROP LLC & ALAN GRIGSBY	A415	G	0.195	0.320	0.320
006179	007	GRIGSBY PROP LLC & ALAN GRIGSBY	A415	S	0.000	0.320	0.320
006189	004	GEORGE P MASON JR & MARILYN S	A415	G	0.084	0.147	0.147
006197	010	TURNER GROVES CITRUS LIMITED	L645	G	2.833	7.032	7.032

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HIGHLANDS COUNTY (CONTINUED)							
006197	010	TURNER GROVES CITRUS LIMITED	L645	S	3.691	7.032	7.032
006211	004	BEN HILL GRIFFIN INC	A415	G	0.153	0.347	0.347
006234	005	WESLEY & VIOLA PRILLWITZ AND	A415	G	0.109	0.126	0.126
006320	003	DAVIS ENTERPRISES INC	A415	G	0.178	0.425	0.425
006409	004	CONSOLIDATED CIRCLE H INC	A415	G	0.092	0.283	0.283
006466	003	DANIEL & DARLENE PHYPPERS	A415	G	0.114	0.123	0.123
006516	003	CARL M WILBURN	A425	G	0.182	0.260	0.260
006816	005	HICKORY BRANCH CORPORATION	A425	G	0.111	0.170	0.170
006827	002	LAKE PLACID GROVES LLC	A415	G	0.229	0.323	0.323
006905	002	JEFF WORLEY	A415	G	0.000	0.182	0.182
007111	001	GRIFFIN FAMILY LTD PARTNERSHIP	A415	G	0.037	0.136	0.136
007485	002	DENCO INC	A415	G	0.149	0.381	0.381
007515	003	CENTRAL FLORIDA SOD FARMS INC	A525	G	0.390	0.348	0.348
007540	002	RAYMOND & CATHERINE ROYCE	A415	G	0.071	0.210	0.210
007647	003	LAKE PLACID GROVES LLC	A415	G	0.049	0.131	0.131
007682	002	G PERRY MASON III & AMANDA MASON	A415	G	0.126	0.117	0.117
007874	001	GEORGE P & MARILYN S MASON	A415	G	0.200	0.134	0.134
007989	002	DILLEY ENTERPRISES INC	A425	G	0.214	0.151	0.151
008268	001	CRUTCHFIELD GROVES INC	A415	G	0.096	0.166	0.166
008394	001	GLENN MURPHY	L610	G	0.054	0.228	0.228
008442	003	TAUCHENS TRIANGLE T RANCH INC &	A415	S	0.879	1.163	1.163
008503	001	KECK GROVES	A415	G	0.056	0.111	0.111
008557	001	HIGHLAND FARMS INC	A415	G	0.070	0.124	0.124
008640	001	BOB PAUL INC & THOMAS SHIRLEY AS	A415	S	0.158	0.343	0.343
008779	001	SILVER HARBOR RANCH INC	A415	G	0.123	0.300	0.300
008787	002	CHAPMAN & STEPHENS GROVES	L625	G	0.144	0.377	0.377
008868	001	RAFTER T REALTY INC	A525	G	0.136	0.413	0.413
008930	001	ALBRITTON & SONS LTD	A490	G	0.000	0.395	0.395
008957	002	DRESSEL GROVES	A415	G	0.072	0.277	0.277
009124	001	DRESSEL GROVES	A415	S	0.000	0.277	0.277
009167	003	WESTBY CORPORATION	A415	G	0.217	0.378	0.378
009174	001	BOB PAUL INC	A415	G	0.178	0.240	0.240
009211	002	CREWS & DAVIS	A425	G	0.187	0.293	0.293
009302	004	BUDDY ROGERS-L C SMITH III-JEAN	A415	G	0.192	0.177	0.177
009327	001	LAKE PLACID GROVES LLC	L645	G	1.226	2.719	2.719
009627	001	HAUPTMANN & THOMPSON COMPANY INC	A415	G	0.119	0.184	0.184
009710	000	THELMA C RALEY INC	A415	G	0.191	0.301	0.301
010027	005	GREG NORMAN GOLF COMPANY	A525	G	0.300	0.497	0.497
010078	001	BOB PAUL INC	A415	G	0.125	0.248	0.248
010144	001	C L REYNOLDS N B NICHOLS TST NB	A415	G	0.034	0.097	0.097
010176	002	BOB PAUL INC & JR & MARGARET	A415	G	0.180	0.146	0.146
010204	000	STEVEN HARTT	A415	G	0.071	0.180	0.180

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HIGHLANDS COUNTY (CONTINUED)							
010321	002	JOHN P BARBEN	A415	G	0.072	0.133	0.133
010362	002	BENJAMIN & MALA M HINTON JR AND	A415	G	0.085	0.135	0.135
010410	001	ROGER D & SUSAN G GURGANUS	A480	G	0.138	0.138	0.138
010628	001	PIONEER GROVE INC	A415	G	0.058	0.150	0.150
010642	000	CENTRAL FLORIDA SOD FARMS INC	A525	G	0.067	0.138	0.138
011077	000	ROBERT S EDSALL JR TRUSTEE &	A415	G	0.145	0.149	0.149
011089	001	DP PARTNERS LTD & PGP PARTNERS	A415	G	0.165	0.284	0.284
011112	000	WILLIAM MICHAEL & RAY WORLEY	A415	G	0.083	0.138	0.138
011142	000	JEFF RAY & MIKE WORLEY	A415	G	0.000	0.203	0.203
011143	002	JEFF & VIOLA WORLEY	A415	G	0.102	0.115	0.115
011461	000	CHARLES L REYNOLDS JR B BULLARD	A415	G	0.121	0.235	0.235
011652	000	COW SLOUGH INC	A415	G	0.082	0.138	0.138
011724	001	GRIGSBY PROPERTIES LLC	A415	G	0.237	0.297	0.297
011766	001	MICHAEL E & ARLENE A BROWN	A490	G	0.000	0.235	0.235
012025	000	PETER A GOLDSTEIN	A415	G	0.045	0.133	0.133
012221	000	KAHN CITRUS INC	A415	G	0.009	0.017	0.017
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					38.080	61.503	61.503
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					16.262	21.165	21.048
HILLSBOROUGH COUNTY							
000074	003	SAMUEL WILLIAMSON	L645	G	0.119	0.135	0.135
000074	003	SAMUEL WILLIAMSON	L645	S	0.010	0.135	0.135
000120	003	GRANTHAM EPPS (EPPS NURSERY,	A480	G	0.093	0.115	0.115
000161	003	ADRIAN R CHAPMAN	A415	G	0.093	0.119	0.119
000162	002	B & J CITRUS GROVES INC	A415	G	0.061	0.108	0.108
000165	003	CORP OF PRESIDING BISHOP CHURCH	A56S	G	0.093	1.277	1.277
000182	005	EARL W SIMMONS III AND EARL W	A58S	G	0.057	0.192	0.192
000247	002	GRAMLING NURSERY, INC.	A480	G	0.000	0.176	0.176
000247	002	GRAMLING NURSERY, INC.	A480	S	0.000	0.176	0.176
000254	004	MAURY L. CARTER REALTY TRUST II	A56F	G	0.661	1.120	1.120
000277	003	PARKESDALE FARMS	A58H	G	0.088	0.144	0.144
000297	003	ALBRITTON & SONS LTD	A415	G	0.165	0.116	0.116
000360	003	THOMAS BROS GRASS LTD	A56S	G	0.762	2.652	2.652
000411	003	KAY D. O'ROURKE (TRADITION RANCH	L610	G	0.002	0.305	0.305
000477	002	SUMMERFIELD FARMS INC	A415	G	0.000	0.167	0.167
000478	002	SUMMERFIELD FARMS INC	A415	G	0.049	0.152	0.152
000503	005	REEDER FARMS	A57F	G	0.567	1.020	1.020
000544	002	OAKLEY GROVES INC	A415	G	0.059	0.110	0.110
000567	002	MEDLEY GROVES, INC. (MEDLEY	A415	G	0.067	0.115	0.115
000636	003	INTERCHANGE FARMS, INC.	L645	G	0.125	0.323	0.323
000654	004	GAIL C PAULK	A51S	G	0.096	0.181	0.181
000655	005	FARMLAND RESERVE INC	A56S	G	0.544	1.080	1.080

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HILLSBOROUGH COUNTY (CONTINUED)							
000656	005	PROPERTY RESERVE INC	A56S	G	0.394	1.360	1.360
000659	007	FARMLAND RESERVE INC	A56S	G	0.376	1.380	1.380
000660	003	FARMLAND RESERVE INC	A56S	G	0.298	0.521	0.521
000662	004	DONALD & MARY SHUMAN INC	A41S	G	0.192	0.333	0.333
000719	004	JOHN A MULRENNAN JR	A41S	G	0.012	0.286	0.286
000739	005	THREE STAR FARMS INC	A53S	G	0.237	0.337	0.337
000739	005	THREE STAR FARMS INC	A53S	S	0.000	0.337	0.337
000770	005	K P FRANKLIN	A53S	G	0.103	0.181	0.181
000880	003	SULTENFUSS LTD	A41S	G	0.055	0.301	0.301
000891	003	SAM III & BUFFY ASTIN	A53S	G	0.000	0.149	0.149
000985	003	WILLIAM J REVELS III & RONALD C	A51S	G	1.454	2.340	2.340
000985	003	WILLIAM J REVELS III & RONALD C	A51S	S	0.000	2.340	2.340
000992	005	GRADY SWEAT FARMS AND CLASSIC	A64S	G	0.064	0.245	0.245
000995	005	LANE GROVE INC-JULIAN & JR LANE	L61S	G	0.177	0.705	0.702
001067	003	M D COUNCIL & SONS INC & CARL	A53S	G	0.155	0.285	0.285
001067	003	M D COUNCIL & SONS INC & CARL	A53S	S	0.000	0.285	0.285
001119	004	ARTESIAN FARMS INC	L64S	G	0.035	0.537	0.537
001120	003	ARTESIAN FARMS INC	A56F	G	0.062	0.325	0.325
001123	005	ARTESIAN FARMS INC	L64S	G	0.000	0.270	0.270
001124	009	ARTESIAN FARMS INC	A56S	G	1.056	2.309	2.309
001125	005	ARTESIAN FARMS INC	L64S	G	0.000	0.565	0.565
001203	002	LELAND F CARLTON	A41S	G	0.044	0.147	0.147
001217	002	SCALARE HATCHERY, INC.	L660	G	0.078	0.145	0.145
001367	005	TWO RIVERS RANCH, INC & HICKORY	L610	G	0.720	1.360	1.360
001444	004	CHARLES G JR/SR & BETTY GRIMES &	L64S	G	0.157	0.237	0.237
001444	004	CHARLES G JR/SR & BETTY GRIMES &	L64S	S	0.010	0.237	0.237
001447	002	PALMER & J L SIMMONS	A41S	G	0.040	0.113	0.113
001450	003	WILSON'S WHOLESALE NURSERY INC	L610	G	0.191	0.343	0.343
001451	001	J.A. & LINDA G. CLARK, III	A41S	G	0.026	0.130	0.130
001503	003	G.W. SMITH, TRUST	A41S	G	0.016	0.030	0.030
001544	002	KAY D O'ROURKE	A41S	G	0.116	0.147	0.147
001639	002	TILLET GROVES INC	A41S	G	0.022	0.102	0.102
001780	004	SPENCER FARMS INC	A57F	G	0.424	0.527	0.527
001782	002	SPENCER FARMS, INC. (STEPHENS	A56S	G	0.041	0.248	0.248
001803	003	JAY MAR FARMS INC	A41S	G	0.000	0.281	0.281
001836	004	E.B. ROOD	A57F	G	1.632	2.323	2.323
001838	003	FRANK DIEHL & H MILLER & SONS	A56S	G	0.191	1.370	1.370
001839	003	CARDANELL FARMS & C D CARLTON SR	A64S	G	0.890	1.847	1.847
001840	004	FRANK I. DIEHL (FRANK DIEHL	A410	G	0.256	0.141	0.141
001840	004	JAYMAR FARMS INC	L64S	G	0.140	0.513	0.513
001840	004	JAYMAR FARMS INC	L64S	S	0.000	0.513	0.513
001854	003	V V VOGEL & SONS FARMS	A56S	G	0.000	0.200	0.200

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HILLSBOROUGH COUNTY (CONTINUED)							
001855	002	V V VOGEL & SONS FARMS	A56S	G	0.058	0.131	0.131
001869	003	EDWARD SWINDLE	A57F	G	0.316	0.230	0.230
001872	002	E.G. SIMMONS	L605	G	0.102	0.121	0.121
001946	007	JOHN FALKNER & D G FARMS &	L645	G	1.474	2.000	2.000
001991	003	CITY PROPERTIES	A415	G	0.011	0.150	0.150
002027	002	J. PASCO SWEAT	A415	G	0.020	0.161	0.161
002044	002	G & V COMPANY	A415	G	0.000	0.101	0.101
002045	003	CITY PROPERTIES	A415	G	0.108	0.143	0.143
002128	003	BVG GROVES INC	A485	G	0.266	0.218	0.218
002136	003	VONANN GROVES, INC. & MYERS	A415	G	0.190	0.312	0.312
002189	004	EPPS NURSERY INC	A645	G	0.101	0.126	0.126
002192	004	TROPICAL FISH FARM	L660	G	0.031	0.086	0.086
002197	005	YU AN FARMS CO	A56S	G	0.182	0.388	0.388
002258	003	IMC PHOSPHATES CO & A DUDA & SON	A525	G	0.320	0.656	0.656
002273	003	RAND L REESE	A415	G	0.050	0.108	0.108
002314	003	MC MULLEN WHOLESale NURSERY, INC.	A480	G	0.053	0.105	0.105
002486	002	CARLTON BROS INC	L600	G	0.038	0.315	0.315
002619	002	STANTON L. REESE & RICHARD LEWIS	A415	G	0.151	0.274	0.274
002654	004	S.S. WILLIAMS, JR.	L645	G	0.079	0.307	0.307
002654	004	S.S. WILLIAMS, JR.	L645	S	0.022	0.307	0.307
002670	002	DONALD M & DEBORAH L BALABAN	A415	G	0.062	0.270	0.270
002714	010	GARDINIER FLORIDA CITRUS INC	L645	G	0.534	1.691	1.691
002714	010	GARDINIER FLORIDA CITRUS INC	L645	S	0.000	1.691	1.691
002866	003	HOPE HILL LTD (SARGON INC)	A56S	G	0.185	0.756	0.756
002868	002	H. SIMS FARMS, INC.	A56S	G	0.123	0.112	0.112
002881	001	CITRUS ENTERPRISES INC	A415	G	0.038	0.141	0.141
002952	004	EKK-WILL TROPICAL FISH FARM,	L660	G	0.167	0.337	0.337
003002	004	JACK P & MERIBETH J SIZEMORE	A415	G	0.089	0.164	0.164
003055	003	SPEEDLING INC	A58S	G	0.073	0.396	0.380
003057	005	MABEL C MARKWOOD AS TRSTE OF TST	A56S	G	0.057	0.296	0.296
003059	004	C.E. LEISEY, III, R.H. HUNTER, IV	A575	G	0.023	0.392	0.392
003060	006	LEE TE KIM	A475	G	0.123	0.167	0.167
003079	003	C DENNIS CARLTON SR & LEFFIE	A415	G	0.065	0.162	0.162
003100	005	J A & LINDA G CLARK III	A415	G	0.108	0.118	0.118
003120	002	BARNEY NEWSOME	A58S	G	0.006	0.123	0.123
003120	002	BARNEY NEWSOME	A58S	S	0.000	0.123	0.123
003123	006	CHARLES G JR & DEBORAH GRIMES	A535	G	0.108	0.174	0.174
003251	005	GLENN WILLIAMSON	L645	G	0.147	0.448	0.448
003251	005	GLENN WILLIAMSON	L645	S	0.000	0.448	0.448
003312	003	W & D FARMS INC & SUN CITY	A56S	G	0.000	0.780	0.780
003356	002	SIMMONS FARMS	L660	G	0.132	0.260	0.260
003417	005	GOODSON FARMS INC/THOMAS HURLEY	A56S	G	1.386	1.680	1.680

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HILLSBOROUGH COUNTY (CONTINUED)							
003417	005	GOODSON FARMS INC./THOMAS HURLEY	A56S	S	0.000	1.680	1.680
003430	003	SUNCOAST FARMS, INC. AND JJM	L64S	G	0.037	0.159	0.159
003437	005	WILLIAM L REGISTER, WADE	A64S	G	0.274	0.430	0.430
003455	003	CORP OF PRESIDING BISHOP CHURCH	A41S	G	0.252	0.330	0.330
003578	003	CHARLES & JEAN FULFORD	A48S	G	0.092	0.203	0.203
003578	003	CHARLES & JEAN FULFORD	A48S	S	0.043	0.203	0.203
003679	006	TOM F BROWN	A64S	G	0.019	0.466	0.464
003687	002	O. M. & GRACE GRIFFIN	A58S	G	0.154	0.200	0.200
003715	005	SPENCER FARMS INC	L610	G	0.103	0.337	0.337
003716	005	DONN W RICKY & MICHAEL W GOODSON	A53S	G	0.078	0.140	0.140
003809	003	VET'S WHOLESALE NURSERY, INC.	A48S	G	0.114	0.237	0.237
003809	003	VET'S WHOLESALE NURSERY, INC.	A48S	S	0.000	0.237	0.237
003997	002	FAVORITE FARMS INC	A58H	G	0.116	0.172	0.172
003997	002	FAVORITE FARMS INC	A58H	S	0.008	0.172	0.172
004144	004	PLEASANT VIEW NURSERY	A56S	G	0.138	0.301	0.301
004144	004	PLEASANT VIEW NURSERY	A56S	S	0.000	0.301	0.301
004261	002	MONARCH GROVES	A41S	G	0.177	0.212	0.212
004382	001	B M & ELIZABETH DEAL	A51S	G	0.030	0.150	0.150
004421	004	JACK SIZEMORE	L64S	G	0.283	0.707	0.707
004421	004	JACK SIZEMORE	L64S	S	0.000	0.707	0.707
004439	006	TAMPA ELECTRIC CO	A52S	G	0.186	0.687	0.687
004528	004	ELSBERRY INC	A56S	G	0.315	0.541	0.541
004528	004	ELSBERRY INC	A56S	S	0.000	0.541	0.541
004689	003	COUNCIL GROWERS INC	A41S	G	0.174	0.250	0.250
004714	003	AOKI NURSEY & JOHN AOKI (AOKI	A48S	G	0.176	0.689	0.689
004723	003	BERKSHIRE INVESTMENTS	L62S	G	0.215	0.186	0.186
004821	005	SYDNEY FARMS INC	A53S	G	0.269	0.324	0.324
004870	002	RICHARD ROY LANDRIGAN	L610	G	0.000	0.218	0.218
004870	002	RICHARD ROY LANDRIGAN	L610	S	0.000	0.218	0.218
004996	003	HOLLAND GROVES, INC., RONALD DEE	A41S	G	0.173	0.168	0.168
005156	001	WYLIE L & CAROL M HINTON	A58S	G	0.099	0.214	0.214
005156	001	WYLIE L & CAROL M HINTON	A58S	S	0.000	0.214	0.214
005204	002	GLENN WILLIAMSON	A53S	G	0.190	0.134	0.128
005250	002	CHARLES G GRIMES	A56S	G	0.043	0.227	0.227
005250	002	CHARLES G GRIMES	A56S	S	0.004	0.227	0.227
005299	002	MONARCH GROVES	A41S	G	0.040	0.216	0.216
005318	004	CAIN GROVES INC	A41S	G	0.115	0.148	0.148
005800	004	STANTON L REESE	A41S	G	0.175	0.252	0.252
005814	002	PERFECTION PARTNERS LTD	A41S	G	0.043	0.156	0.156
006007	002	FELTON C. WALKER, JR. (FELTON C.	A56S	G	0.304	1.290	1.290
006020	004	BIG TREE NURSERY	A480	G	0.329	0.221	0.221
006095	002	BRUCE E. WHITE	A53S	G	0.023	0.166	0.166

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HILLSBOROUGH COUNTY (CONTINUED)							
006130	001	SAMUEL D & ANNA M WILLIAMSON	A535	G	0.100	0.101	0.101
006203	002	DAVIS FARMS	A57F	G	0.291	1.080	1.080
006259	002	HURLEY ENTERPRISES INC	A58S	G	0.282	0.686	0.686
006337	006	FAVORITE FARMS INC	L645	G	0.124	0.195	0.195
006337	006	FAVORITE FARMS INC	L645	S	0.000	0.195	0.195
006360	002	GAS KWICK INC	A56S	G	0.115	0.104	0.104
006371	007	SUMMERFIELD FARMS INC	A56S	G	1.949	2.347	2.347
006420	005	JERRY K, DEBORAH K, CHARLES E &	A535	G	0.086	0.101	0.101
006420	005	JERRY K, DEBORAH K, CHARLES E &	A535	S	0.000	0.106	0.101
006438	002	JAYMAR FARMS INC & GRADY SWEAT	A415	G	0.053	0.141	0.141
006443	003	ROBERT PLATT	A480	G	0.176	0.187	0.187
006443	003	ROBERT PLATT	A480	S	-0.000	0.187	0.187
006523	002	QUAD COUNTY GROVES CORP	A415	G	0.068	0.130	0.130
006535	001	IMC PHOSPHATES CO & A DUDA & SON	A525	G	0.001	0.469	0.469
006622	002	MARCUS G. & SARAH F. WILLIAMSON	A535	G	0.105	0.114	0.114
006634	002	C W CAPPS	A415	G	0.034	0.179	0.179
006661	007	JAMES N GANEY	A415	G	0.466	0.724	0.724
006661	007	JAMES N GANEY	A415	S	0.000	0.724	0.724
006678	006	ALLISON W REPETTO	A415	G	0.096	0.201	0.201
006749	001	J W FULWOOD	A58S	G	0.178	0.157	0.157
006803	002	IMC PHOSPHATES COMPANY	A525	G	0.000	1.370	1.370
006851	005	ROBERT M & MARY JANE ROGERS	A475	G	0.261	0.276	0.276
006892	003	ANDREW DEW LEUNG & YEEHO CHU	A56S	G	0.449	0.779	0.779
006918	003	TILLET GROVES INC	L635	G	0.165	0.448	0.448
006938	006	JOHN & CHRISTOPHER FALKNER	A44S	G	0.468	0.896	0.896
007035	003	BBS FARMS INC	A535	G	0.000	0.128	0.128
007049	002	CARL L. PIPPIN	A58S	G	0.109	0.192	0.192
007058	001	M L DAVIS INC	A480	G	0.089	0.155	0.155
007059	002	CHARLES G & BETTY J GRIMES	A535	G	0.038	0.124	0.124
007059	002	CHARLES G & BETTY J GRIMES	A535	S	0.027	0.124	0.124
007102	003	ROBERT E & HELEN A PARKE	A335	G	0.172	0.151	0.151
007105	004	SYMMES ROAD GENERAL PARTNERSHIP	A415	G	0.272	0.299	0.299
007126	002	IMC PHOSPHATES CO & A DUDA & SON	A645	G	0.030	0.293	0.292
007130	001	IMC PHOSPHATES CO & A DUDA & SON	A525	G	0.050	0.429	0.429
007131	004	HILLSBOROUGH CO POLITICAL SUB OF	A56S	G	0.302	0.566	0.566
007135	002	BALM ASSOCIATES INC	A58S	G	0.383	0.224	0.224
007163	002	EAGLE SCOUT PROPERTIES A FLORIDA	A415	G	0.493	0.392	0.392
007232	003	CHARLES D & YVONNE O BARRON	A415	G	0.063	0.194	0.194
007239	003	JOSEPH G. KING	A480	G	0.176	0.203	0.203
007239	003	JOSEPH G. KING	A480	S	0.000	0.203	0.203
007260	004	ELSBERRY INC	A56S	G	0.304	0.404	0.404
007261	003	ELSBERRY PARTNERSHIP INC.	A415	G	0.210	0.275	0.275

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HILLSBOROUGH COUNTY (CONTINUED)							
007268	002	ELSBERRY PARTNERSHIP INC.	A525	G	0.090	0.133	0.133
007419	001	DIOCESE OF ST PETERSBURG	A56S	G	0.088	0.190	0.190
007451	003	JOSIAH W-LINDA L-JOSIAH E &	A56S	G	0.156	0.637	0.637
007472	002	WES INVESTMENT OF HILLSBOROUGH	A56S	G	0.038	0.295	0.295
007512	001	PAUL T. ELLIOTT	A480	G	0.000	0.130	0.130
007512	001	PAUL T. ELLIOTT	A480	S	0.000	0.130	0.130
007513	002	C DENNIS CARLTON III	A415	G	0.043	0.124	0.124
007586	001	WILSON'S WHOLESALE NURSERY INC	A480	G	0.096	0.150	0.150
007591	002	CORP OF PRESIDING BISHOP CHURCH	A56S	G	0.112	1.300	1.300
007600	002	ELEANOR R HENDERSON	A415	G	0.069	0.141	0.141
007607	006	JAYMAR FARMS INC	A535	G	0.081	0.444	0.444
007607	006	JAYMAR FARMS INC	A535	S	0.000	0.444	0.444
007608	002	ERNEST W MILLER	A58S	G	0.000	0.195	0.195
007608	002	ERNEST W MILLER	A58S	S	0.000	0.195	0.195
007622	001	CLARK FARMS, INC.	A415	G	0.038	0.126	0.126
007640	002	ROBERT H PARKE	A58S	G	0.199	0.161	0.161
007640	002	ROBERT H PARKE	A58S	S	0.000	0.161	0.161
007667	006	J CRAYTON PRUITT	L600	G	0.010	0.490	0.490
007681	001	FLOYD R CLAPROOD & MABLE	A56S	G	0.012	0.403	0.403
007696	002	GLENN WILLIAMSON	A535	G	0.101	0.131	0.131
007766	004	ROBERT A GLOVER	A56S	G	0.017	0.314	0.314
007810	002	DESERET FARMS	A415	G	0.000	0.063	0.063
007890	002	DENNIS H. SPIVEY	A58S	G	0.634	0.183	0.183
007895	002	GDK LAND TRUST	A475	G	0.000	0.305	0.305
007895	002	GDK LAND TRUST	A475	S	0.000	0.305	0.305
008016	003	DOOLEY GROVES INC	A645	G	0.136	0.205	0.205
008036	002	C DENNIS CARLTON	A415	G	0.195	0.412	0.412
008041	004	HAROLD L KENT	L645	G	0.130	0.161	0.161
008048	003	TAMPA WHOLESALE NURSERY, INC.	A480	G	0.184	0.266	0.266
008048	003	TAMPA WHOLESALE NURSERY, INC.	A480	S	0.000	0.266	0.266
008173	002	SAM ASTIN JR	L645	G	0.013	0.120	0.120
008173	002	SAM ASTIN JR	L645	S	0.029	0.120	0.120
008176	002	ALBRITTON AND SONS FL LTD PRTNSH	A415	G	0.014	0.262	0.262
008195	003	C DENNIS CARLTON III	A415	G	0.063	0.113	0.113
008342	001	TERRAQUA AQUATICS	L660	G	0.127	0.301	0.301
008410	001	RUSSELL WEISS	A480	G	0.180	0.149	0.149
008410	001	RUSSELL WEISS	A480	S	0.000	0.149	0.149
008416	002	CLOVES WALTON	A58S	G	0.028	0.179	0.179
008416	002	CLOVES WALTON	A58S	S	0.000	0.179	0.179
008445	001	GOPHER RIDGE FARM	L645	G	0.191	0.490	0.490
008450	001	FARMLAND RESERVE INC	A56S	G	0.178	1.540	1.540
008574	001	MAC, JOSEPHINE OR EUGENE GRECO	A415	G	0.052	0.105	0.105

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HILLSBOROUGH COUNTY (CONTINUED)							
008633	001	DAVIS FARMS	A56S	G	0.000	0.845	0.845
008673	001	FRANK DIEHL	A56S	G	0.457	1.890	1.890
008728	001	TAMPA ELECTRIC CO	A52S	G	0.000	0.466	0.466
008729	001	TAMPA ELECTRIC CO	A56S	G	0.165	0.380	0.380
008793	003	JOSEPH DIAZ JR	L660	G	0.398	0.481	0.481
008818	001	MARAN GROVES CORPORATION OR	A41S	G	0.353	0.462	0.462
008873	001	SAM ASTIN JR	A53S	G	0.077	0.104	0.104
008920	002	A DUDA & SONS INC &	A56S	G	1.218	1.860	1.860
008931	001	FRANCIS M PRUITT TRUSTEE	A52S	G	0.000	0.885	0.885
009017	003	AG-MART PRODUCE INC &	A53S	G	0.106	0.833	0.833
009017	003	AG-MART PRODUCE INC &	A53S	S	0.003	0.833	0.833
009024	001	DAVID P & CAROLE J COUNCIL	A56S	G	0.073	0.112	0.112
009194	001	R.P. COMPANY, INC.	L660	G	0.147	0.964	0.964
009387	001	EMMA S SUMNER TRUST	A56S	G	0.195	1.210	1.210
009388	001	JAMES & ELEANOR THOMPSON, TRUST	A56S	G	0.098	0.519	0.519
009418	001	FANCY FARMS INC	L64S	G	0.184	0.180	0.180
009481	001	C DENNIS CARLTON III	A41S	G	0.028	0.044	0.044
009489	004	DOUGLAS HOLMBERG	L64S	G	0.337	2.017	2.017
009489	004	DOUGLAS HOLMBERG	L64S	S	0.144	2.017	2.017
009549	002	VIRGIL E BEST	L660	G	0.036	0.062	0.062
009585	001	CHARLES D & YVONNE O BARRON	A42S	G	0.013	0.140	0.140
009633	001	FREDERICK E JR & LINDA M FUTCH	A58S	G	0.086	0.110	0.110
009674	001	CHARLES G & BETTY J GRIMES	A58S	G	0.082	0.134	0.134
009859	000	B.C.D. INVESTMENTS	A41S	G	0.002	0.028	0.028
009915	003	S & J FARMS INC	A41S	G	0.187	0.340	0.340
010007	002	STEVE/MARK & MABLE MCDONALD &	A53S	G	0.221	0.349	0.349
010007	002	STEVE/MARK & MABLE MCDONALD &	A53S	S	0.000	0.349	0.349
010021	001	JAY M TANNER	L660	G	0.069	0.288	0.288
010140	001	AARON R JR & CORA E LONG	A56F	G	0.092	0.742	0.742
010255	000	C E LEISEY JR	A58S	G	0.116	0.252	0.252
010257	001	ALLISON W REPETTO	A41S	G	0.000	0.141	0.141
010268	002	ALBERT & WILLIAM MARTINEZ	L61S	G	0.042	0.215	0.215
010268	002	ALBERT & WILLIAM MARTINEZ	L61S	S	0.000	0.135	0.135
010406	001	BERT CHASE	A53S	G	0.013	0.200	0.200
010417	000	EMMA S SUMNER TRUST	A56S	G	0.000	0.279	0.279
010438	003	HURLEY PROPERTIES INC	A56S	G	0.053	0.173	0.173
010466	002	SUN CITY TREE FARMS A FLORIDA	A47S	G	0.116	0.244	0.244
010654	001	PAUL D ENGLISH	A53S	G	0.015	0.251	0.249
010654	001	PAUL D ENGLISH	A53S	S	0.000	0.251	0.249
010693	000	WAYNE F. & GEORGE R. WILBANKS	A56S	G	0.000	0.116	0.116
010831	000	TAMPA ELECTRIC CO	A41S	G	0.000	0.176	0.176
010949	001	EDDIT H. & ELAINE C. OUTAR	L660	G	0.000	0.057	0.057

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HILLSBOROUGH COUNTY (CONTINUED)							
010999	002	HOPEWELL LAND PARTNERS LIMITED	A58H	G	0.089	1.124	1.124
010999	002	HOPEWELL LAND PARTNERS LIMITED	A58H	S	0.162	1.124	1.124
011040	001	GREG LOVETT	L660	G	0.010	0.032	0.032
011181	004	BATISTA & EVELYN MADONIA	A56S	G	0.027	1.611	1.610
011181	004	BATISTA & EVELYN MADONIA	A56S	S	0.000	1.611	1.610
011273	001	PETER A & MARGARET A CHANCEY	L660	G	0.000	0.017	0.017
011284	001	GEORGE ANDERSON FISH FARM	L660	G	0.028	0.033	0.031
011302	001	BOARD OF TST INTERNAL IMPROV TST	L660	G	0.000	0.042	0.042
011305	000	BATISTA SR & EVELYN MADONIA	A56S	G	0.000	0.136	0.136
011409	000	EKK-WILL TROPICAL FISH FARM,	L660	G	0.191	0.400	0.400
011457	001	ALVIN C FUTCH TRUSTEE OF FUTCH	A535	G	0.200	0.259	0.259
011661	001	C DENNIS CARLTON	A415	G	0.078	0.155	0.155
011726	002	WINFRED M & EDNA SUE HARRELL	A475	G	0.068	0.143	0.143
011771	000	TAMPA BAY WATER A REGIONAL	L610	G	0.052	0.044	0.044
011810	001	EVERETT PREVATT	A535	G	0.000	0.150	0.150
011810	001	EVERETT PREVATT	A535	S	0.039	0.150	0.150
011830	000	TAMPA BAY DOWNS INC	L635	G	0.009	0.155	0.034
011830	000	TAMPA BAY DOWNS INC	L635	S	0.000	0.155	0.034
011916	000	ULERIC EUGENE & MARTHA B COWART	A415	G	0.053	0.151	0.151
011977	000	HILLSBOROUGH CO PARKS AND	A56S	G	0.595	1.285	1.285
012030	000	SIZEMORE FARMS INC	A535	G	0.098	0.249	0.249
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					43.480	105.251	104.949
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					30.929	39.752	39.195
LAKE COUNTY							
TOTAL REPORTED WITHDRAWAL (NONE)					0.000	0.000	0.000
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					1.519	2.131	2.131
LEVY COUNTY							
005095	006	HIERS TRUST & MCCOY TRUST	L625	G	0.747	2.128	2.128
005122	003	WHITEHURST CATTLE COMPANY AND	L645	G	0.002	1.234	1.234
005160	003	ARTHUR M SANDLIN	L610	G	0.237	1.840	1.840
006586	004	CORRIE F BELL	L600	G	0.000	0.780	0.780
010023	002	AURORA DAIRY FLORIDA LLC	L640	G	2.079	3.270	3.270
011026	001	C NEAL ANDERSON	L600	G	0.174	1.238	1.238
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					3.239	10.490	10.490
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					5.588	8.456	8.443
MANATEE COUNTY							
000503	005	REEDER FARMS	A57F	G	0.240	1.030	1.020
002821	004	JERRY FLINT	L610	G	0.000	1.047	1.047
002933	004	BRUCE E & LELAND S SHACKELFORD	A515	G	1.269	1.574	1.574

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MANATEE COUNTY (CONTINUED)							
003744	004	PROPERTY RESERVE INC	A415	G	0.152	0.429	0.429
003762	002	PLS PROPERTIES	A415	G	0.021	0.117	0.117
003785	003	BOJOR GROVES	A415	G	0.158	0.334	0.334
003791	002	J S AND MAY C LUCK	A455	G	0.000	0.153	0.153
003794	003	CLOVERDALE 4 LLC	A525	G	0.000	0.468	0.468
003796	002	IRA CARLTON	L610	G	0.007	0.133	0.133
003802	007	MIXON FRUIT FARMS INC	A415	G	0.252	0.330	0.330
003808	009	CR BURNETT & SONS INC	A415	G	0.462	0.535	0.535
003832	004	TAYLORS FARM & RANCH INC	A490	G	0.365	0.611	0.611
003837	008	THOMAS FALKNER	L625	G	1.503	3.002	3.002
003838	004	STEVE CHIN	A58S	G	0.117	0.252	0.252
003847	009	L3 PARTNERSHIP DBA L3 FARMS	A57F	G	5.425	8.694	8.694
003848	007	DIMARE HOMESTEAD INC	A56S	G	3.858	5.143	5.143
003853	002	RUDOLPH C GARBER JR	L610	G	0.013	0.392	0.392
003911	002	LLOYD TROYER	L660	G	0.000	0.007	0.007
003924	004	ELSBERRY INC	A56S	G	0.038	0.872	0.872
003939	001	BIG MANATEE GROVES	A415	G	0.116	0.096	0.096
003955	003	MASSEY FARMS	A58S	G	0.000	0.196	0.196
003956	005	G & D FARMS INC	A535	G	0.095	0.812	0.812
003956	005	G & D FARMS INC	A535	S	0.000	0.812	0.812
003975	007	JOHN FALKNER	L625	G	1.593	2.219	2.219
004049	012	SORRELLS GROVES INC	A415	G	1.509	1.322	1.322
004183	005	CR BURNETT & SONS INC	A415	G	0.412	0.392	0.347
004184	003	CR BURNETT & SONS INC	A415	G	0.051	0.119	0.119
004190	005	MYAKKA RIVER PROPERTIES INC	L600	G	0.000	0.140	0.140
004228	003	PEACE VALLEY GROVES INC	A415	G	0.121	0.402	0.402
004307	003	FLORIDA FANCY INC	A525	G	0.153	0.491	0.491
004309	003	PURSLEY INC	A525	G	0.419	2.000	2.000
004412	007	PACIFIC LAND LIMITED	A56S	G	1.459	4.250	4.250
004412	007	PACIFIC LAND LIMITED	A56S	S	0.000	4.250	4.250
004435	002	JAMES P WRIGHT	A415	G	0.031	0.050	0.050
004438	002	DAY GROVES PARTNERSHIP	A415	G	0.000	0.065	0.065
004443	006	HARBORVEST LLC	A56S	G	0.000	2.092	2.092
004443	006	HARBORVEST LLC	A56S	S	0.000	2.092	2.092
004447	004	BATISTA & EVELYN MADONIA	A56S	G	0.038	1.354	1.354
004453	004	PAUL HUNSADER	A57F	G	0.000	1.419	1.419
004467	006	JOHN FALKNER	A56S	G	8.905	11.600	11.600
004467	006	JOHN FALKNER	A56S	S	0.000	11.600	11.600
004518	008	HECHT PROPERTIES LIMITED	A56S	G	1.235	3.698	3.698
004645	003	WT HARRISON GH HARRISON TRST OF	L600	G	0.002	0.969	0.969
004648	002	MARTY L & SHARI L MONG	A48S	G	0.000	0.062	0.062
004655	003	GRIMES GROVES INC	A415	G	0.109	0.125	0.125

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Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
MANATEE COUNTY (CONTINUED)							
004662	003	R TOM CHAPMAN	A415	G	0.134	0.170	0.170
004666	002	MOORES DAIRY FARM INC	L640	G	0.000	0.172	0.172
004756	002	ROBERT A WALTER	A415	G	0.084	0.131	0.131
004761	003	JOHNSON GROVES & FARM INC	A415	G	0.009	0.196	0.196
004761	003	JOHNSON GROVES & FARM INC	A415	S	0.000	0.196	0.196
004780	003	WILLIAM LOUIS CONE & IDA RUTH	L600	G	0.071	0.817	0.817
004789	005	ROBERT HUNSADER & HUNSADER BROS	A645	G	0.669	1.747	1.747
004869	003	DALE JOHNSON	A415	G	0.006	0.316	0.316
005202	004	THE KRAUSS GROUP INC AS TRUSTEE	A56F	G	0.297	0.633	0.633
005276	004	CONSOLIDATED MINERALS INC	A56S	G	0.000	0.389	0.389
005280	002	QUALITY PETROLEUM CORPORATION	A490	G	0.000	0.239	0.239
005309	006	REEDER RANCH & DAIRY INC	A56S	G	0.586	1.301	1.301
005310	003	REEDER FARMS	A56F	G	0.123	0.196	0.196
005423	009	FLORIDA POWER & LIGHT COMPANY	A56S	G	1.194	2.007	1.984
005423	009	FLORIDA POWER & LIGHT COMPANY	A56S	S	0.000	2.007	1.984
005444	004	UNIVERSITY OF FLORIDA-GULF COAST	A58H	G	0.011	0.360	0.360
005444	004	UNIVERSITY OF FLORIDA-GULF COAST	A58H	S	0.000	0.360	0.360
005458	003	MANATEE FRUIT COMPANY	A56S	G	0.000	1.124	1.124
005459	004	MANATEE FRUIT COMPANY	A485	G	0.014	0.950	0.950
005460	003	HAYDEN LANE I LTD	A485	G	0.000	0.606	0.606
005461	003	MANATEE FRUIT COMPANY	A485	G	0.270	2.600	2.600
005462	002	MANATEE FRUIT COMPANY	A415	G	0.015	0.146	0.146
005512	005	D C TURNER JR	A56S	G	0.323	2.269	2.269
005514	004	MCCLURE PROPERTIES LIMITED	A56S	G	1.775	7.975	7.975
005592	003	MANATEE RIVER LAND PARTNERSHIP &	A56S	G	0.493	1.264	1.264
005599	005	HARRIETTE WILLIAMS-TRUST	A415	G	0.228	0.392	0.392
005601	004	TAPPAN NURSERIES INC	A475	G	0.072	0.342	0.342
005617	002	VIVIAN P RAWLS	A495	G	0.000	0.332	0.332
005620	004	HC & WE SAFFOLD	A51S	G	0.447	0.678	0.678
005641	002	TOROBE CITRUS INC	A415	G	0.110	0.110	0.110
005659	003	CLYDE YANCEY JR	L615	G	0.000	0.170	0.170
005693	004	ANDY D TAYLOR RANCH LLC	A490	G	0.056	0.173	0.173
006077	004	CRYSTAL ADVISORS CORPORATION	A56S	G	0.535	3.404	3.404
006590	002	R TOM CHAPMAN	A415	G	0.116	0.234	0.234
006667	007	HEART GROVES INC	A415	G	1.021	1.124	1.124
006668	005	CFI USA INC	A415	G	0.145	0.328	0.328
006812	004	LEONARD L BANKS	A56S	G	0.000	0.566	0.566
006915	005	JAMES D & WALTER L BREWER AND	A490	G	0.279	1.457	1.457
006979	002	LOUIS E HENDRIEX	A525	G	0.000	0.138	0.138
006981	002	VARN CITRUS GROWERS INC	A415	G	0.101	0.151	0.151
007085	006	TURNER GROVES CITRUS LIMITED	A415	G	1.574	1.914	1.914
007235	004	GAMBLE CREEK LC	A56S	G	0.931	2.402	2.402

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007350	003	FELTON C WALKER JR FARMS		A56S	G	1.271	1.850	1.850
007502	002	J M CINCOTTA RANCH		A56S	G	0.286	1.097	1.097
007618	003	ROBINSON FARMS INC		A415	G	0.004	0.048	0.048
007631	003	MCCLURE PROPERTIES LIMITED		L600	G	0.000	1.577	1.577
007632	003	MCCLURE PROPERTIES LIMITED		A56S	G	0.000	0.592	0.592
007634	002	MCCLURE FARMS		A56S	G	0.000	0.321	0.321
007635	001	MCCLURE FARMS		A56S	G	0.000	0.238	0.238
007638	003	KEYSTONE GROVE COMPANY		L625	G	0.065	0.113	0.113
007723	001	PATRICE R POCHEZ TRUST		A415	G	0.108	0.152	0.152
007724	005	PATRICE R POCHEZ TRUST		A415	G	1.216	1.211	1.211
007795	002	CR BURNETT & SONS INC		A415	G	0.121	0.149	0.149
007846	016	SCHROEDER MANATEE RANCH INC		L610	G	3.651	15.285	13.464
007846	016	SCHROEDER MANATEE RANCH INC		L610	S	0.600	15.285	13.464
007891	005	HARRELL GROVES INC		A415	G	0.486	0.543	0.543
007997	002	WILMER M SAFFOLD		A490	G	0.027	0.121	0.121
007998	010	HIGHLANDS GROVES INC		A415	G	0.386	0.695	0.695
008102	002	TOROBE CITRUS INC		A415	G	0.119	0.175	0.175
008280	002	ROBERT J FLINT & CONSOLIDATED		A56F	G	0.000	0.925	0.925
008420	005	JAMES R GRAINGER II		A56S	G	1.097	1.277	1.277
008420	005	JAMES R GRAINGER II		A56S	S	0.000	1.277	1.277
008421	004	4 STAR TOMATO INC		A56S	G	1.597	1.697	1.697
008421	004	4 STAR TOMATO INC		A56S	S	0.000	1.697	1.697
008638	002	NICHOLAS F & DALE E ALBRITTON & J BAR C INC		A415	G	0.667	0.926	0.926
008694	003	WHISENANT SHORES INC		A415	G	0.713	0.775	0.775
008829	004	ALBRITTON & SONS		A56S	G	0.713	1.449	1.449
008904	002	J GARY AND CATHRYNE RUSS AND		A525	G	0.000	0.731	0.731
008912	004	J GARY AND CATHRYNE RUSS AND		A415	G	0.133	0.243	0.243
008912	004	J GARY AND CATHRYNE RUSS AND		A415	S	0.000	0.243	0.243
008987	002	NORTH RIVER VEGETABLE		L645	G	0.059	0.133	0.133
009014	007	GOOD GROVE		A415	G	2.572	2.619	2.619
009025	008	JOHN FALKNER		A51S	G	1.088	1.524	1.524
009089	002	FLORIDA FARM DEVELOPMENT		A56S	G	1.553	2.933	2.933
009113	001	OAKLAND GROVES		A415	G	0.235	0.220	0.220
009227	001	WALTER S & CAROL M FARR AND		A415	G	0.060	0.118	0.118
009265	001	WILLIAM L CONE JR & IDA R DESEAR		L610	G	0.097	0.194	0.194
009348	002	ELIZABETH A JOHNSON		A56S	G	0.000	0.776	0.776
009375	001	BYRON R HODGIN		A415	G	0.056	0.104	0.104
009391	006	WEST FLORIDA AGRO LIMITED		A57F	G	1.755	3.551	3.551
009391	006	WEST FLORIDA AGRO LIMITED		A57F	S	0.000	3.551	3.551
009526	002	HUNSADER FARMS INC		A57F	G	0.247	0.486	0.486
009603	001	REEDERS NURSERY AND TREE FARM		A485	G	0.091	0.495	0.495
009603	001	REEDERS NURSERY AND TREE FARM		A485	S	0.000	0.495	0.495

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MANATEE COUNTY (CONTINUED)								
009672	002		DONALD E & SUSAN C SMITH	L600	G	0.000	0.245	0.245
009817	009		RUTLAND RANCH FARMS INC	A58S	G	0.492	8.397	8.397
009968	005		BLAKE & VIRGINIA WHISENANT	A48S	G	0.057	0.187	0.187
009968	005		BLAKE & VIRGINIA WHISENANT	A48S	S	0.042	0.187	0.187
010187	003		CAMERON DAKIN	L61S	G	0.049	0.158	0.158
010257	001		ALLISON W REPETTO	A41S	G	0.000	0.141	0.141
010262	001		J THOMAS & DEBORAH C HACKLER	A41S	G	0.010	0.185	0.185
010296	001		RAYMOND B CARTER	A56S	G	0.000	0.406	0.406
010320	001		RICHARD T & MELANIE M KNOWLES	A41S	G	0.003	0.331	0.331
010323	001		GENES CITRUS RANCH INC	A41S	G	0.130	0.080	0.080
010328	000		JONG C & CHUNG L NG	A57S	G	0.000	0.335	0.335
010365	001		EDWARDS RUSS GROVES	A41S	G	0.035	0.049	0.049
010393	001		SORRELLS OF MANATTE INC & IRA E	A41S	G	0.263	0.377	0.377
010448	003		DANA S PARRISH	A41S	G	0.036	0.079	0.079
010455	000		GRAN CENTRAL CORPORATION	A41S	G	0.060	0.137	0.137
010483	000		BILL & HIRAM SAFFOLD	A56S	G	0.389	0.400	0.400
010487	004		4 STAR TOMATO INC	A56S	G	1.579	1.595	1.595
010508	001		J & S CARTER INC AND SORRELLS OF	A41S	G	0.076	0.293	0.293
010541	002		JONES POTATO FARM INC	A51S	G	0.074	0.905	0.905
010548	002		PRAIRIE CREEK CITRUS INC	A41S	G	0.014	0.050	0.050
010599	007		JOHN & CHRISTOPHER FALKNER	L62S	G	1.569	1.735	1.698
010690	002		F BROWNE GREGG-CPV GULFCOAST LTD	A56F	G	0.000	1.537	0.070
010749	003		DANIEL B & REBECCA B POPE	A52S	G	0.059	0.189	0.189
010753	002		GERALD C VORBECK	A47S	G	0.012	0.020	0.020
010758	000		JORDAN & JORDAN INC	A41S	G	0.000	0.165	0.165
010800	004		BATISTA SR & EVELYN MADONIA	A56S	G	0.592	2.569	2.569
010821	001		A & W HOLDINGS OF MANATEE INC	A41S	G	0.000	0.161	0.161
010821	001		A & W HOLDINGS OF MANATEE INC	A41S	S	0.000	0.161	0.161
010888	001		JAMES R GRAINGER II	A56F	G	0.234	0.422	0.422
010978	003		CLIFFORD E CHAPMAN FAMILY LTD	L62S	G	0.196	0.331	0.331
011019	001		TAYLOR & FULTON INC	A56S	G	0.791	2.400	2.400
011105	001		WEST FLORIDA AGRO LIMITED FARM	L600	G	2.691	3.771	3.771
011106	001		CRAIG J & PRISCILLA L TRACE	A48S	G	0.002	0.081	0.081
011123	002		CLAY GULLY RANCH LLC	L600	G	0.000	2.425	2.425
011125	002		EDWARD G MAGGARD	A56S	G	0.678	2.501	2.501
011221	001		G S G GROVES, ARTHUR H. SCHRADER	A41S	G	0.000	0.042	0.042
011287	001		STEPHEN CERVEN	A56S	G	0.462	1.063	1.063
011293	001		KENNY MOORE AND IDA AND THOMAS	A470	G	0.000	0.499	0.499
011362	000		RICHARD & LOIS DEVUYST	A41S	G	0.019	0.039	0.039
011388	000		THOMAS & JOHN FALKNER	L62S	G	0.519	0.980	0.980
011427	000		PETER OLD	A58S	G	0.343	1.561	1.561
011427	000		PETER OLD	A58S	S	0.000	1.561	1.561

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MANATEE COUNTY (CONTINUED)							
011440	000	JOHN FALKNER	A51S	G	0.392	0.604	0.604
011459	000	HI-STAT MANUFACTURING	A460	G	0.006	0.011	0.011
011521	001	CANAL ROAD GREENHOUSES INC	A56S	G	0.000	0.075	0.075
011536	002	KIBLER AGRICULTURAL CORPORATION	A52S	G	0.000	0.171	0.171
011672	000	CARLIN RANCH INC	A52S	G	0.701	1.653	1.653
011700	002	JOHN FALKNER	A44S	G	0.000	2.000	2.000
011708	000	HENRY & ERIC & SIMONE VERBEKE	A58S	G	0.000	0.498	0.498
011848	000	CHEROKEE CREEK INC	A56S	G	0.095	0.493	0.493
011917	003	MARY K HELLER	A56S	G	0.000	0.308	0.308
011918	002	SAMUEL GORDON	A56S	G	0.206	0.370	0.370
011919	002	JAMES HELLER	A56S	G	0.285	0.616	0.616
011920	002	STROOCK/STROOCK & LAVAN	A56S	G	0.512	0.308	0.308
011921	002	CAREN HELLER BARNES	A56S	G	0.410	0.616	0.616
011922	001	JONES POTATO FARM INC	A56S	G	0.268	1.479	1.479
011961	000	PACIFIC TOMATO GROWERS LIMITED	A56S	G	0.981	4.000	4.000
011963	001	SCF FARMS INC	L600	G	0.592	3.080	3.080
011963	001	SCF FARMS INC	L600	S	0.000	3.080	3.080
011973	000	WILLIAM M SR & JEANETTE T WELCH	A41S	G	0.000	0.077	0.077
011975	000	DARYL TURNER	A48S	G	0.047	0.077	0.077
012005	000	ELIAS CURA LLC A FLORIDA	A52S	G	0.221	0.583	0.583
012005	000	ELIAS CURA LLC A FLORIDA	A52S	S	0.000	0.583	0.583
012018	000	MCCLURE PROPERTIES LIMITED	A56S	G	0.000	1.000	1.000
012133	001	LIPMAN & LIPMAN INC & W S	A56S	G	0.142	1.776	1.776
012154	000	H D BUDD FARMS INC	A56S	G	0.000	0.750	0.750
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					79.225	202.560	197.841
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					15.630	25.018	24.934
MARION COUNTY							
000377	005	SIEMENS GROUP	A500	G	0.003	0.481	0.119
000377	005	SIEMENS GROUP	A500	S	0.000	0.481	0.119
001156	007	ON TOP OF THE WORLD INC	L600	G	0.176	5.820	0.626
002183	002	ONEAL & JANIS E SUTTON	L600	G	0.022	0.656	0.656
005122	003	WHITEHURST CATTLE COMPANY AND	L64S	G	0.000	1.234	1.234
005424	009	J CRAYTON PRUITT	L600	G	0.035	3.347	3.347
008075	002	CLASSIC MILE PARK	L63S	G	0.010	0.005	0.003
011475	000	SELDIN DEVELOPMENT MGMT COMPANY	A500	G	0.000	0.900	0.900
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					0.246	12.443	6.885
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					3.400	5.018	4.905
PASCO COUNTY							
000347	004	CONNER LAND LIMITED	A490	G	0.032	0.051	0.051
000841	002	MRS A HARVEY SNELL	A41S	G	0.010	0.111	0.111

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PASCO COUNTY (CONTINUED)							
001367	005	TWO RIVERS RANCH INC & HICKORY	L610	G	0.000	1.360	1.360
001580	003	J B/JR/III/FRANK & LAURA STARKEY	L600	G	0.006	0.462	0.462
001789	003	T & W GROVE, INC.	A415	G	0.000	0.424	0.424
001977	003	HERBERT BOLTIN JR	A415	G	0.194	0.153	0.153
002478	002	BARBARA A. WOODS	L635	G	0.000	0.046	0.046
002479	004	WIREGRASS RANCH INC	A495	G	0.310	2.801	2.801
002698	006	SID LARKIN & SON, INC	L600	G	0.652	0.987	0.987
002924	002	SB ASSOCIATES LIMITED PARTNERSHIP	L610	G	0.000	0.297	0.297
002924	002	SB ASSOCIATES LIMITED PARTNERSHIP	L610	S	0.000	0.297	0.297
003387	002	EVANS PROPERTIES INC	L610	G	0.001	0.135	0.135
003391	005	EVANS PROPERTIES INC	L645	G	0.583	1.044	1.044
003468	004	SC BEXLEY JR, JP BEXLEY, BEXLEY	L625	G	0.000	3.324	3.084
003468	004	SC BEXLEY JR, JP BEXLEY, BEXLEY	L625	S	0.000	3.324	3.084
004540	003	FLORIDA COLONIAL GROVES INC	A425	G	0.009	0.117	0.117
006431	003	J CRAYTON PRUITT TRUSTEE	L610	G	0.000	1.230	1.140
007895	002	GDK LAND TRUST	A475	G	0.000	0.305	0.305
008491	001	HILLCREST R.V. RESORT, INC.	L610	G	0.000	0.190	0.001
008737	004	WRB ENTERPRISES INC	L600	G	0.000	0.844	0.844
010004	001	FRANK BALOGH	A525	G	0.000	0.126	0.126
010447	001	RIVER RANCH PARTNERSHIP	A525	G	0.257	0.450	0.450
010871	000	JAY TWO THREE INC	L610	G	0.000	0.499	0.001
010871	000	JAY TWO THREE INC	L610	S	0.000	0.499	0.001
011145	000	ORDER OF SAINT BENEDICT OF	A58S	G	0.014	0.243	0.025
011634	001	MILLO THOMAS	L610	G	0.000	0.346	0.346
011771	000	TAMPA BAY WATER A REGIONAL	L610	G	0.077	0.088	0.088
011926	000	PRICE REALTY LLC	A415	G	0.028	0.132	0.132
011927	000	PRICE GROVES	A425	G	0.058	0.276	0.276
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					2.231	16.040	14.804
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					13.475	18.883	18.005
PINELLAS COUNTY							
003707	003	BARDMOOR/BAYOU INC	A480	G	0.001	0.573	0.005
003707	003	BARDMOOR/BAYOU INC	A480	S	0.000	0.573	0.005
007362	001	PINELLAS CO PARKS DEPARTMENT	A485	G	0.007	0.177	0.068
007362	001	PINELLAS CO PARKS DEPARTMENT	A485	S	0.002	0.177	0.068
008142	001	SYLVAN ABBEY MEMORIAL PARK INC	A460	G	0.144	0.169	0.169
011771	000	TAMPA BAY WATER A REGIONAL	L610	G	0.023	0.027	0.027
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					0.178	0.946	0.269
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.209	0.253	0.253

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POLK COUNTY							
000097	003	ADAMS GROVES INC & GAPWAY-STRANG	A415	G	1.079	1.372	1.372
000140	004	FLORIDA DEPT OF AG & CONSUMER	A415	G	0.082	0.184	0.184
000143	010	MOUNTAIN LAKE CORP	A460	G	1.653	4.426	2.489
000143	010	MOUNTAIN LAKE CORP	A460	S	0.000	4.426	2.489
000170	002	HELEN H PAMPLIN MICHAEL J & JAN	A415	G	0.189	0.178	0.178
000230	003	JOHN P ADAMS PROPERTIES INC	A415	G	0.043	0.112	0.112
000233	005	SCIM INC	A490	G	0.009	0.099	0.099
000285	002	ALBRITTON & SONS	A415	G	0.135	0.185	0.185
000327	003	WAVERLY GROWERS COOPERATIVE	A415	G	0.126	0.176	0.176
000328	007	WAVERLY GROWERS COOPERATIVE	A415	G	0.285	0.291	0.291
000367	003	RICHARD L & A D CAMPBELL	A415	G	0.068	0.123	0.123
000382	003	L DICKS INC	A415	G	0.168	0.163	0.163
000384	004	JOHN G WOOD & ASSOCIATES INC	A415	G	0.125	0.189	0.189
000408	006	CITRUS WORLD INC	A415	G	0.055	2.137	0.064
000423	002	JOHN W PERDUE JR	A415	G	0.127	0.143	0.143
000425	002	JEFFERSON GROVE LTD	A415	G	0.173	0.228	0.228
000429	002	JEFFERSON GROVE LTD	A415	G	0.164	0.176	0.176
000430	003	STORY GROVES INC	A415	G	0.071	0.168	0.168
000438	004	US AGRI-CHEMICALS	L610	G	1.451	9.673	3.176
000504	003	W G ADAMS	A415	G	0.163	0.215	0.215
000551	005	BRYAN GROVES INC	A415	G	0.059	0.189	0.189
000674	002	HOMER V THOMPSON	A415	G	0.062	0.134	0.134
000683	004	ROHLFING GROVES CO	A415	G	0.152	0.202	0.202
000697	002	INTERLACHEN GROVES INC	A415	G	0.108	0.146	0.146
000699	005	JACKSON & WINES PARTNERSHIP	A415	G	0.064	0.107	0.107
000765	002	OSCAR W ROGERS	A415	G	0.145	0.315	0.315
000772	002	PUTNAM GROVES INC	A415	G	0.086	0.206	0.206
000819	002	ROBERT WASHINGTON	A415	G	0.105	0.124	0.124
000910	003	BERRY GROVES INC	A415	G	0.163	0.276	0.276
000949	002	ALBRITTON & SONS	A415	G	0.118	0.115	0.115
000961	002	ADAMS GROVES INC	A415	G	0.227	0.233	0.233
000962	003	ADAMS GROVES INC	A460	G	0.663	0.639	0.639
000963	003	GAPWAY GROVE CORP	A415	G	0.235	0.231	0.231
001004	003	POLK NURSERY COMPANY INC	A475	G	0.152	0.346	0.346
001004	003	POLK NURSERY COMPANY INC	A475	S	0.021	0.346	0.346
001005	005	POLK NURSERY COMPANY INC	A480	G	0.097	0.109	0.109
001005	005	POLK NURSERY COMPANY INC	A480	S	0.000	0.109	0.109
001087	002	MACKAY ESTATES INC	A415	G	0.099	0.192	0.192
001109	003	MARGARET W PAUL, B C WEST &	A415	G	0.180	0.128	0.128
001126	003	A H LEWIS	A415	G	0.147	0.237	0.237
001128	003	A H LEWIS ETAL	A415	G	0.360	0.417	0.417
001153	002	ORANGE ENTERPRISES INC	L625	G	0.096	0.133	0.133

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POLK COUNTY (CONTINUED)							
001161	003	ISAAC F ALBRITTON C B MORRIS	A415	G	0.195	0.208	0.208
001202	003	STRANG GROVES	A415	G	0.119	0.155	0.155
001204	003	STRANG GROVES	A415	G	0.002	0.106	0.106
001207	003	GAPWAY GROVE CORP	A540	G	0.236	0.377	0.377
001253	004	CUTRALE CITRUS JUICES USA INC	L625	G	0.000	0.252	0.252
001300	003	OSCAR W ROGERS	A415	G	0.220	0.273	0.273
001315	002	CONNIE KELLY	A415	G	0.063	0.139	0.139
001404	002	BEN HILL GRIFFIN INC	A415	G	0.119	0.144	0.144
001426	002	GILBERT BOWEN	A415	G	0.103	0.141	0.141
001469	002	THOMPSON NURSERY INC	A415	G	0.097	0.184	0.184
001501	002	J HENRY GROVES INC	L625	G	0.081	0.121	0.121
001505	002	STORY GROVES INC	A415	G	0.022	0.154	0.154
001660	003	NORTH FORTY GROVE CORP & AIRPORT	A415	G	0.127	0.119	0.119
001666	002	BCW GROVES INC	A415	G	0.103	0.149	0.149
001667	002	SALEM GROVE CORPORATION &	A415	G	0.017	0.126	0.126
001807	003	USF-INSTITUTE OF FOOD & AGRI	A415	G	0.087	0.109	0.109
001845	002	BEN HILL GRIFFIN INC	L610	G	0.218	0.437	0.437
001883	003	JOHNSTON PROPERTIES INC	A415	G	0.187	0.283	0.283
001935	002	BTS	A415	G	0.013	0.067	0.067
001954	004	KINGDOM ASSEMBLY INC	A415	G	0.000	0.736	0.736
002002	002	PATTON & PERDUE, R & R GROVE,	A415	G	0.109	0.147	0.147
002003	004	HAVEN GROVES	A415	G	0.163	0.176	0.176
002047	004	SUN GROWN CITRUS LP	A415	G	0.106	0.115	0.115
002057	002	GABRIEL GROVES INC	A415	G	0.133	0.123	0.123
002063	002	IVEY GROVES LTD	A415	G	0.057	0.124	0.124
002132	003	FLYING V INC	A415	G	0.022	0.117	0.117
002146	004	THELMA C RALEY INC	A415	G	0.285	0.455	0.455
002220	002	T G JACKSON JR	A415	G	0.099	0.169	0.169
002404	002	TRIPLE A PROPERTIES INC	A415	G	0.065	0.078	0.078
002429	003	ORANGE CO OF FLORIDA INC	A415	G	0.207	0.404	0.404
002431	002	ORANGE CO OF FLORIDA INC	A415	G	0.160	0.131	0.131
002438	003	BEN HILL GRIFFIN INC	A415	G	0.118	0.173	0.173
002448	005	BEN HILL GRIFFIN INC	A415	G	0.404	0.735	0.735
002464	002	BOWEN BROTHERS INC	A415	G	0.177	0.108	0.108
002466	002	LMT GROVES INC	A415	G	0.033	0.110	0.110
002470	002	ALICO INC	A415	G	0.037	0.147	0.147
002501	004	SEIBELS ENTERPRISES INC	A415	G	0.220	0.308	0.308
002503	003	ESTES GROVES INC	A415	G	0.196	0.287	0.287
002509	004	RICHARD B WRIGHT JR	A425	G	0.030	0.117	0.117
002509	004	RICHARD B WRIGHT JR	A425	S	0.000	0.117	0.117
002715	008	CARGILL FERTILIZER INC	A415	G	0.227	8.403	8.403
002715	008	CARGILL FERTILIZER INC	A415	S	0.156	8.403	8.403

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POLK COUNTY (CONTINUED)							
002722	003	HUNT BROS SERVICE INC	A415	G	0.166	0.187	0.187
002834	003	PASCO PROCESSING	A415	G	0.002	0.494	0.055
002989	005	CITY OF LAKE WALES	A415	G	0.000	0.365	0.365
003039	003	MARK WHEELER GROVES INC	A415	G	0.091	0.112	0.112
003074	005	TILLIS & SONS INC	A415	G	0.208	0.233	0.233
003187	003	SILVER MOUNTAIN FARMS INC	A485	G	0.025	0.271	0.271
003203	002	M C SULLIVAN INC	A490	G	0.044	0.272	0.272
003238	004	ALTERNATE 27 GROVES	A415	G	0.202	0.270	0.270
003285	002	NORMAN WARREN	A415	G	0.123	0.215	0.215
003446	006	HOLMES GARDEN ASSOCIATES LTD	L600	G	0.104	0.172	0.154
003446	006	HOLMES GARDEN ASSOCIATES LTD	L600	S	0.000	0.172	0.154
003493	005	S & M SADDLE CREEK INC	L610	G	0.251	0.518	0.518
003529	003	JUANITA WATERS	A415	G	0.106	0.125	0.125
003576	003	PRATT GROVES INC	A415	G	0.057	0.197	0.197
003675	005	OSCAR W ROGERS AS TRUSTEE OF THE	A415	G	0.146	0.221	0.221
003731	006	POLK NURSERY COMPANY INC	A480	G	0.315	0.869	0.569
003731	006	POLK NURSERY COMPANY INC	A480	S	0.059	0.869	0.569
003734	004	VALE OF ALFORD BUFFALO RANCH INC	A415	G	0.186	0.222	0.222
003735	003	SCENIC HIGHLAND GROVES	A415	G	0.421	0.497	0.497
003747	003	HART FIELDS MURRELL	A415	G	0.112	0.127	0.127
003806	003	LAURA V RICKE TRUST	A415	G	0.133	0.162	0.162
003841	007	SUN GROWN CITRUS LP	A415	G	0.016	0.034	0.034
003842	014	SUN GROWN CITRUS LP	A415	G	1.562	1.681	1.681
003867	002	BROWN GROVES, INC.	A415	G	0.081	0.186	0.186
003946	002	ELLINGSON GROVES INC	A415	G	0.087	0.123	0.123
003948	004	ELLINGSON GROVES INC	A415	G	0.047	0.123	0.123
003966	003	STORY GROVES INC	A415	G	0.084	0.121	0.121
003972	002	VICTOR B STORY SR	A415	G	0.082	0.145	0.145
003981	004	MICHAEL & BOBBYE SANDIFER &	A415	G	0.004	0.067	0.067
003984	003	JOHN A ATTAWAY SR	A415	G	0.103	0.114	0.114
004002	004	JACK M BERRY SR IRREVOCABLE TST	A415	G	0.405	0.417	0.417
004026	002	GARY W CARNES	A415	G	0.092	0.152	0.152
004045	003	SUNCREST CITRUS INC	A415	G	0.084	0.124	0.124
004045	003	SUNCREST CITRUS INC	A415	S	0.019	0.124	0.124
004073	002	W F WARD RESIDUAL TRUST	A415	S	0.074	0.130	0.130
004074	004	WARDS NURSERY INC	A425	G	0.341	0.365	0.365
004093	002	BEN HILL GRIFFIN INC	A415	G	0.073	0.146	0.146
004098	002	CHASE LAND COMPANY	A415	G	0.053	0.105	0.105
004108	003	ZELLWIN PRODUCE CO INC	A415	G	0.105	0.176	0.176
004123	006	COMBES & ORGAIN	A415	G	0.336	0.289	0.289
004166	007	W G ADAMS	A645	G	0.264	0.369	0.369
004213	003	GODWIN GROVES INC & JIMMIE G	A415	G	0.086	0.109	0.109

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POLK COUNTY (CONTINUED)							
004256	004	J W PAMPLIN	A415	G	0.044	0.059	0.059
004285	003	RIDGE COOPERATIVE	A415	G	0.301	0.460	0.460
004286	002	DOUGLAS & SHIRLEY CARDWELL	A415	G	0.170	0.198	0.198
004301	003	SUN GROWN CITRUS LP	A415	G	0.594	0.874	0.874
004328	004	G STEAD GROVES INC	A415	G	0.152	0.182	0.182
004330	002	C E GIDDER INC	A415	G	0.120	0.110	0.110
004331	005	ORANGE CO OF FLORIDA INC	A415	G	0.503	0.658	0.658
004341	002	BEN HILL GRIFFIN INC	A415	G	0.073	0.120	0.120
004345	006	GERALD M MIXON SR	L645	G	0.584	0.573	0.573
004364	003	PREMIERE PARTNERS III LTD PTNSHP	A415	G	0.190	0.181	0.181
004376	016	U & H CARETAKING INC & CITROSUCO	A415	G	1.651	4.752	2.318
004377	004	B & B RANCH INC	A415	G	0.101	0.174	0.174
004395	002	L W DUNSON & SON INC	A415	G	0.117	0.138	0.138
004432	003	WARDLAW GROVES	A415	G	0.210	0.311	0.311
004458	003	LIONEL LAGROW	A415	G	0.100	0.121	0.121
004516	006	CENTRAL RIDGE INC	A415	G	0.202	0.202	0.202
004532	004	CENTRAL RIDGE INC	A415	G	0.073	0.151	0.151
004558	004	BEN HILL GRIFFIN INC	A415	G	0.208	0.531	0.531
004559	005	BEN HILL GRIFFIN INC	A415	G	0.916	1.701	1.701
004560	006	BEN HILL GRIFFIN INC	L645	G	0.459	0.740	0.740
004560	006	BEN HILL GRIFFIN INC	L645	S	0.000	0.740	0.740
004563	003	GRIFFIN GROVES INC	A415	G	0.137	0.175	0.175
004572	002	BEN HILL GRIFFIN INC	A415	G	0.072	0.124	0.124
004607	008	CITY OF WINTER HAVEN	A460	G	0.028	7.100	0.029
004607	008	CITY OF WINTER HAVEN	A460	S	0.000	7.100	0.029
004626	002	HIGHLAND PARK SERVICE CO	A415	G	0.108	0.176	0.176
004628	002	DOPLER GROVES INC	A415	G	0.114	0.162	0.162
004629	002	HIGHLAND PARK SERVICE CO	A415	G	0.145	0.152	0.152
004634	003	HUNT BROS INC CFM INC & ENC	A415	G	0.099	0.165	0.165
004661	004	HUNT BROS INC	A415	G	0.050	0.109	0.109
004740	003	RANGE 27 COOPERATIVE	A415	G	0.081	0.107	0.107
004766	004	JULIA LIVINGSTON	A415	G	0.093	0.117	0.117
004810	004	U&H CARETAKING INC	A415	G	0.086	0.210	0.210
004811	003	U&H CARETAKING INC	A415	G	0.618	1.027	1.027
004857	003	CSR RINKER MATERIALS AND	A415	G	0.097	7.960	0.556
004857	003	CSR RINKER MATERIALS AND	A415	S	0.020	7.960	0.556
005008	003	ALICO INC	A415	G	0.220	0.329	0.329
005010	003	ALICO INC	A415	G	0.072	0.122	0.122
005011	003	ALICO INC	A475	G	0.436	0.480	0.480
005013	005	ALICO INC	A415	G	0.503	0.814	0.814
005013	005	ALICO INC	A415	S	0.077	0.814	0.814
005014	004	ALICO INC	A415	G	0.232	0.431	0.431

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POLK COUNTY (CONTINUED)							
005014	004	ALICO INC	A415	S	0.039	0.431	0.431
005015	003	ALICO INC	A415	G	0.520	0.754	0.754
005016	004	ALICO INC	A415	G	0.089	0.382	0.382
005016	004	ALICO INC	A415	S	0.186	0.382	0.382
005019	003	ALICO INC	A415	G	0.262	0.484	0.484
005062	002	LESTER DONLEY AND SONS GROVES	A415	G	0.116	0.102	0.102
005063	003	ANDREW MICHAEL MACHATA	A415	G	0.371	0.267	0.267
005086	004	VONANN GROVES INC	A415	G	0.318	0.309	0.309
005120	003	VINCENT J SULTENFUSS	A415	G	0.094	0.236	0.236
005125	004	BANEWAY GROVES INC	A415	G	0.088	0.124	0.124
005130	003	BETTY JANE FULTON	A415	G	0.152	0.261	0.261
005227	004	TREE O GROVES INC & BETTY SHINN	A415	G	0.050	0.148	0.148
005396	003	CREWS GROVES INC & MALLORY	A415	G	0.215	0.348	0.348
005414	003	KAHN GROVE SERVICE	A415	G	0.124	0.208	0.208
005472	004	HUNT BROS INC	A415	G	0.073	0.146	0.146
005476	003	HUNT BROS SERVICE INC & HUNT	A415	G	0.311	0.373	0.373
005477	003	HUNT BROS SERVICE INC & HUNT	A415	G	0.209	0.259	0.259
005481	003	HUNT BROS SERVICE INC & HUNT	A415	G	0.193	0.249	0.249
005482	005	HUNT BROS INC & C P CITRUS	A415	G	0.292	0.424	0.424
005486	003	HUNT BROS INC	A415	G	0.081	0.138	0.138
005564	004	ROBERT C CREWS II	A415	G	0.056	0.119	0.119
005571	003	THE LATI MAXCY CORPORATION	A415	G	0.125	0.318	0.318
005572	003	LATT MAXCY CORP	A415	G	0.119	0.193	0.193
005596	002	A ROBERT MASSAM	A415	G	0.049	0.174	0.174
005629	006	DAVIS ENTERPRISES INC	A415	G	0.193	0.178	0.178
005635	003	BILLY ALLEN	A415	G	0.314	0.385	0.385
005636	002	GRIFFIN FAMILY LTD PARTNERSHIP	A415	G	0.173	0.254	0.254
005637	003	WISE SEED CO INC	A415	G	0.197	0.254	0.254
005654	003	STORY GROVES INC	A415	G	0.083	0.165	0.165
005666	002	FRUIT GROWERS OF DUNDEE INC	A415	G	0.076	0.123	0.123
005679	004	L DICKS INC	A415	G	0.157	0.139	0.139
005711	003	DAVIS & GAINES INC	A415	G	0.071	0.230	0.230
005739	002	R TOM CHAPMAN JR	A415	G	0.058	0.129	0.129
005770	004	AG PARTNERS OF FROSTPROOF INC	A415	G	0.070	0.162	0.162
005823	003	PUTNAM GROVES INC	A415	G	0.123	0.458	0.458
005837	002	CANNON GROVES INC	A415	G	0.084	0.131	0.131
005848	002	JK ENZOR JR	A415	G	0.123	0.137	0.137
005850	004	HUNT BROS INC	A415	G	0.322	0.460	0.460
006026	004	LYKES BROS INC	L645	G	0.985	1.655	1.655
006068	003	ROLLING MEADOW RANCH INC	L635	G	1.778	2.150	2.150
006128	004	BEN HILL GRIFFIN INC	A415	G	0.027	0.399	0.399
006128	004	BEN HILL GRIFFIN INC	A415	S	0.000	0.399	0.399

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POLK COUNTY (CONTINUED)							
006191	002	ROB MAR HOLDING COMPANY INC	A415	G	0.069	0.152	0.152
006268	003	H LYNN & JOBBE A HAZLETT	A415	G	0.185	0.231	0.231
006297	002	BILLY ALLEN	A415	G	0.061	0.112	0.112
006344	004	FLORIDA LAND TRUST NO. 1	A415	G	0.035	0.211	0.211
006468	003	ROBERT G STOKES & STOKES GROVES	A525	G	0.229	0.498	0.498
006499	003	WISE SEED CO INC	A415	G	0.079	0.112	0.112
006558	002	SOUTHERN CITRUS NURSERIES INC	L645	G	0.237	0.426	0.426
006624	002	CITY OF LAKE ALFRED	A415	G	0.055	0.917	0.075
006653	003	PUTNAM GROVES INC/DUDLEY PUTNAM	A415	G	0.030	0.067	0.067
006681	002	BILLY A ELLIS	A415	G	0.000	0.218	0.218
006732	002	HOLLY HILL FRUIT PRODUCTS CO INC	A415	G	0.059	0.194	0.194
006878	003	ORANGE CO OF FLORIDA INC	A415	G	0.091	0.124	0.124
006890	003	KNIGHT HOLDINGS LIMITED TRUSTEE	A415	G	0.184	0.270	0.270
006940	003	W C FULTON GRANTOR RESERVE	A415	G	0.104	0.142	0.142
006995	003	KELLEY INC	A415	G	0.154	0.217	0.217
007000	003	ERNESTINE B DURRANCE	A490	G	0.195	0.134	0.134
007000	003	ERNESTINE B DURRANCE	A490	S	0.016	0.134	0.134
007024	002	LESTER DONLEY AND SONS GROVES	A415	G	0.135	0.183	0.183
007028	002	SUSAN S & THOMAS A THAYER JR	A415	G	0.058	0.094	0.094
007136	002	KEN & KAY GROVES INC	A415	G	0.121	0.217	0.217
007176	002	BJ FULTON & JOHN S LANGFORD	A415	G	0.118	0.140	0.140
007199	001	BAMATURC GROVES INC	A415	G	0.109	0.103	0.103
007270	002	DUNDEE RIDGE PARTNERSHIP	A415	G	0.190	0.149	0.149
007409	002	PRINCESS GROVE PARTNERSHIP	A415	G	0.214	0.192	0.192
007517	001	BROWN GROVES INC	A415	G	0.075	0.136	0.136
007548	003	JONATHAN MAXCY INC	A415	G	0.111	0.164	0.164
007566	004	ADAMS CITRUS NURSERY INC	A415	G	0.114	0.246	0.246
007570	002	WILLARD E ROE & WM G ROE & CO	A415	G	0.264	0.247	0.247
007598	003	ELEANOR R HENDERSON	A415	G	0.016	0.106	0.106
007601	002	BLANCHE F ALEXANDER & DAVIS E	A415	G	0.014	0.117	0.117
007668	004	BEN HILL GRIFFIN INC	A415	G	0.249	0.431	0.431
007670	003	BEN HILL GRIFFIN INC	A415	G	0.114	0.155	0.155
007698	002	BEN HILL GRIFFIN INC	L610	G	0.115	0.194	0.194
007754	002	THELMA C RALEY INC	A415	G	0.038	0.124	0.124
007791	001	W E GREEN & SONS INC	A425	G	0.112	0.398	0.398
007796	002	PAT WILSON INC	L600	G	0.098	0.181	0.181
007864	003	GLEN E DAVIDSON	A415	G	0.074	0.128	0.128
007867	002	HIGHLAND PARK SERVICE CO	A415	G	0.169	0.286	0.286
008096	002	MYERS GROVES INC	A415	G	0.356	0.254	0.254
008098	001	ALNER INC	A415	G	0.208	0.254	0.254
008099	003	BATISTA MADONIA JR	A56S	G	0.000	0.499	0.499
008115	003	JOHN K & VINCENT K TO & LIN FUNG	L635	G	0.008	0.225	0.225

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL QUANTITY (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
POLK COUNTY (CONTINUED)							
008115	003	JOHN K & VINCENT K TO & LIN FUNG	L635	S	0.000	0.225	0.225
008143	001	BCW GROVES INC	A415	G	0.254	0.154	0.154
008206	002	HOLLIS G BRANNEN	A415	G	0.095	0.144	0.144
008263	002	LATT MAXCY CORPORATION	A415	G	0.086	0.188	0.188
008305	001	THOMAS E DAVIS	A415	G	0.087	0.110	0.110
008356	004	WILLIAM M KERSEY	A480	G	0.079	0.272	0.272
008357	002	THOMAS E DAVIS INC	A415	G	0.127	0.152	0.152
008360	001	MYERS GROVES INC	A415	G	0.241	0.236	0.236
008367	001	THOMAS E DAVIS INC	A415	G	0.081	0.127	0.127
008495	001	BANY MILICEVIC & FLORILAND DAIRY	A415	G	0.000	0.173	0.173
008495	001	BANY MILICEVIC & FLORILAND DAIRY	A415	S	0.000	0.173	0.173
008582	003	DEANE R BRIGGS	L625	G	0.091	0.124	0.124
008635	003	WINSTON GROVE CORP & JERRY	A415	G	0.133	0.124	0.124
008767	001	MCH OF LAKE LAND INC	A415	G	0.171	0.171	0.171
008857	001	DEANE R & JONYE G BRIGGS	A415	G	0.024	0.210	0.210
008934	002	ROBERT R & BENJAMIN K & DUANE	A415	G	0.237	0.242	0.242
008937	002	HAROLD A COATES JR	A415	G	0.119	0.179	0.179
008978	001	VICTOR B STORY SR	A415	G	0.103	0.136	0.136
008990	001	PINE VALLEY DAIRY INC	L640	G	0.000	0.265	0.265
009001	002	DOLORES INC	A415	G	0.115	0.122	0.122
009192	002	BOWEN BROS INC	L625	G	0.090	0.245	0.245
009419	004	ALICO INC	A415	G	0.117	0.759	0.759
009419	004	ALICO INC	A415	S	0.464	0.759	0.759
009426	002	CARL JACKSON ROBERT SONS & CARL	A415	G	0.142	0.124	0.124
009448	002	LOUIS H MC TEER	A415	G	0.088	0.118	0.118
009680	004	ER JAHNA INDUSTRIES INC	L610	G	0.547	0.536	0.536
009680	004	ER JAHNA INDUSTRIES INC	L610	S	0.162	0.536	0.536
009806	000	CURTIS DANE WILLIAM TOM & JOHN	A415	G	0.181	0.167	0.167
009937	001	BEN HILL GRIFFIN III	A415	G	0.035	0.135	0.135
010096	002	CARGILL CITRO AMERICA INC	A415	G	0.423	0.423	0.423
010523	002	STRANG GROVES	A415	G	0.055	0.059	0.059
010602	001	ALBRITTON & SONS	A415	G	0.168	0.114	0.114
010613	001	GLEN J & GUELDA V WISE	A415	S	0.109	0.111	0.111
011031	000	QUAD COUNTY GROVES	A415	G	0.099	0.111	0.111
011152	000	HOLLY HILL FRUIT PRODUCTS CO INC	A415	G	0.135	0.146	0.146
011163	000	A MICHAEL MACHATA-EMIL RICHARD	A415	G	0.168	0.128	0.128
011176	000	ROCKER FARMS INC	A415	G	0.073	0.123	0.123
011181	004	BATISTA & EVELYN MADONIA	A56S	G	0.278	1.611	1.610
011181	004	BATISTA & EVELYN MADONIA	A56S	S	0.000	1.611	1.610
011219	001	ROLLING MEADOW GROVES LIMITED	A415	G	0.606	0.814	0.814
011229	001	GRIFFIN FAMILY LP RKJ OF POLK CO	A415	G	0.152	0.126	0.126
011254	000	W T & FRANCES S BICE	A415	G	0.040	0.125	0.125

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL QUANTITY (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
POLK COUNTY (CONTINUED)							
011295	001	JOHN P ADAMS PROP INC	A415	G	0.036	0.154	0.154
011296	000	JOHN P ADAMS PROPERTIES INC	A415	G	0.000	0.146	0.146
011297	000	JOHN P ADAMS PROPERTIES INC	A415	G	0.142	0.231	0.231
011361	000	M C SULLIVAN INC	A415	G	0.058	0.121	0.121
011377	001	DANIEL A & CAROLYN A NORRIS	A415	G	0.117	0.152	0.152
011437	000	PUTNAM GROVES INC	A415	G	0.016	0.111	0.111
011539	000	BITTERSWEET GROVE INC	A415	G	0.067	0.106	0.106
011630	000	OTIS PETE & SUSANNE H CLEMONS	A415	G	0.011	0.194	0.194
011843	000	FAMILY ACRES INC	A415	G	0.065	0.158	0.158
011851	000	TBM GENERAL PARTNERSHIP	A415	G	0.178	0.190	0.190
011867	000	ALICO INC	A415	G	0.031	0.132	0.132
011983	000	J WILLIAM & MARGARET A STRANGE	A415	G	0.021	0.189	0.189
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					51.579	117.578	88.194
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					73.985	97.852	96.470
SARASOTA COUNTY							
003755	003	MABRY CARLTON RANCH INC	L610	G	0.549	7.335	7.335
003764	006	LONGINO RANCH INC	L625	G	0.033	1.668	1.668
003845	004	JERRY FLINT & CECIL DAUGHTREY JR	L600	G	0.046	2.036	2.036
003854	002	CHUCK DOWNS JR	L605	G	0.071	0.370	0.370
003872	007	TAYLOR RANCH INC	A525	G	0.000	6.843	6.834
003872	007	TAYLOR RANCH INC	A525	S	0.125	6.843	6.834
003873	005	SCHWARTZ FARMS INC	L610	G	1.680	2.190	2.190
003890	006	BISPHAM SOD FARMS DBA BAYSIDE	A525	G	0.138	0.648	0.648
004087	004	L T RANCH INC	A525	G	0.110	1.311	1.311
004784	002	HOWARD HORTON & FANCEE FARMS INC	A58S	G	0.000	0.129	0.129
004784	002	HOWARD HORTON & FANCEE FARMS INC	A58S	S	0.000	0.129	0.129
005695	004	VINCENT D ANDREWS	A495	G	0.000	0.267	0.267
006736	003	CARLTON SARASOTA LLC & DAVIS	A525	G	0.335	0.452	0.452
007289	001	JOHN A PEACHEY	L640	G	0.220	0.333	0.333
007289	001	JOHN A PEACHEY	L640	S	0.000	0.333	0.333
007846	016	SCHROEDER MANATEE RANCH INC	L610	G	0.204	15.285	13.464
007846	016	SCHROEDER MANATEE RANCH INC	L610	S	0.017	15.285	13.464
008226	004	BETTY SNEAD LINDSEY TST BETTY	A58S	G	0.097	0.398	0.398
008336	005	MYAKKA RANCH LLC	A56S	G	0.114	1.083	1.083
009340	001	FELIX FERLISE & LEONARDO BITONDO	A550	G	0.000	0.183	0.183
009340	001	FELIX FERLISE & LEONARDO BITONDO	A550	S	0.000	0.183	0.183
009361	002	ALBRITTON GROVES INC	A415	G	0.710	1.087	1.087
010649	001	NATIONS BANK OF FL AS TRUST FOR	A58S	G	0.000	0.154	0.154
010649	001	NATIONS BANK OF FL AS TRUST FOR	A58S	S	0.000	0.154	0.154
011224	000	FAIRWAY BAY ASSOCIATION INC	A460	G	0.046	0.044	0.044

Table A-7. Estimated and Reported Agricultural Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
SARASOTA COUNTY (CONTINUED)							
012157	000	FAITH BAPTIST CHURCH	A470	G	0.000	0.061	0.061
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			4.495	41.876	40.046
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			5.044	8.888	8.884
SUMTER COUNTY							
003152	004	GRAHAM CONTRACTING INC	L600	G	0.010	0.490	0.322
003534	006	FLORIDA FISH & WILDLIFE CONSERV	L630	G	0.807	0.860	0.860
006838	003	FLORIDA DEPT OF CORRECTIONS &	A430	G	0.014	0.458	0.019
008211	001	FLOWERWOOD NURSERY INC	L645	G	0.259	0.575	0.575
008211	001	FLOWERWOOD NURSERY INC	L645	S	0.152	0.575	0.575
011259	000	SUMTER COUNTY BOARD OF CO COMM	L600	G	0.000	0.125	0.011
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			1.243	2.507	1.787
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			9.626	13.555	13.487
DISTRICT TOTAL							
		TOTAL DISTRICT REPORTED WITHDRAWAL (OF ALL PERMITS SHOWN ABOVE)			316.662	824.725	764.391
		TOTAL DISTRICT ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			267.403	372.615	368.628

SOURCE: DATA BASED UPON 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE.

NOTES:

- (1): PERMIT NO. = PERMIT NUMBER ASSIGNED TO THE PERMIT BY THE DISTRICT AND REMAINS THE SAME FOR THE LIFE OF THE PERMIT.
- (2): REV. NO. = REVISION NUMBER ATTACHED AS A SUFFIX TO PERMIT NUMBER AND INCREASES BY ONE EACH TIME THE PERMIT IS RENEWED OR MODIFIED.
- (3): PERMITTEE IS THE PERMIT OWNER AND/OR LEASE HOLDER OF PROPERTY ASSOCIATED WITH THE PERMIT.
- (4): USE CODE IS A CODE ASSIGNED TO THE PERMIT WHICH DESIGNATES THE PERMIT'S PRIMARY NEED FOR WATER (i.e., CITRUS PRODUCTION, GOLF COURSE IRRIGATION, CEMENT MANUFACTURING, etc.)
- (5): WITHDRAWAL SOURCE = GROUND WATER (G) OR SURFACE WATER (S).
- (6): 2001 USE - EACH PERMIT'S AVERAGE DAILY WITHDRAWAL OF WATER IN MILLION GALLONS PER DAY IN 2001.
- (7): TOTAL PERMIT QUANTITY - TOTAL AMOUNT OF WATER PERMITTED (MAY INCLUDE ONE OR MORE OF THE FOLLOWING CATEGORIES: RECREATIONAL/AESTHETIC, AGRICULTURAL, PUBLIC SUPPLY, INDUSTRIAL/COMMERCIAL, MINING/DEWATERING)
- (8): USE TYPE PERMIT QUANTITY - PERMITTED AMOUNT FOR AGRICULTURAL WATER USE ONLY.

Table A-8. Estimated Agricultural Water Use by Month, 2001.

COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)
CHARLOTTE	42.099	36.965	28.076	29.301	34.718	12.615	2.346	5.798	3.710	7.925	16.260	19.605
CITRUS	6.451	4.956	3.947	4.591	5.635	2.264	0.374	0.815	0.516	1.360	2.964	3.287
DESOTO	181.146	156.135	137.617	126.799	168.301	57.001	10.167	24.648	20.169	42.733	96.701	99.702
HARDEE	141.367	113.519	84.166	100.226	117.814	54.079	11.287	19.405	11.774	29.829	63.181	74.979
HERNANDO	11.000	10.469	8.483	9.428	11.354	4.553	0.817	1.461	1.495	3.368	6.467	6.260
HIGHLANDS	101.542	83.566	71.832	76.849	79.839	41.972	14.936	28.487	20.282	28.219	56.534	51.674
HILLSBOROUGH	144.706	118.255	88.499	103.225	120.654	64.068	19.866	18.414	22.180	49.862	78.102	74.040
LAKE	3.926	2.959	2.289	2.730	3.362	1.348	0.203	0.452	0.286	0.790	1.753	1.933
LEVY	14.719	11.751	12.053	13.836	19.676	14.053	3.093	8.163	1.911	5.179	8.889	8.593
MANATEE	132.174	152.789	130.191	110.878	202.106	83.804	11.717	28.564	30.810	69.982	100.094	92.966
MARION	9.189	7.390	5.966	6.592	8.178	3.416	0.633	1.511	0.869	2.085	4.594	5.050
PASCO	44.542	33.321	24.517	32.160	40.442	18.704	3.644	4.903	4.476	9.587	22.998	23.304
PINELLAS	0.921	0.761	0.606	0.554	0.989	0.347	0.345	0.403	0.307	0.395	0.533	0.549
POLK	256.373	188.384	156.366	190.839	225.084	112.399	30.306	43.781	28.266	59.207	126.694	138.874
SARASOTA	19.832	21.167	12.215	18.922	14.010	22.376	1.301	2.434	7.456	11.234	20.394	16.317
SUMTER	28.915	22.373	17.408	22.793	25.872	11.097	2.822	4.588	3.823	6.956	14.301	15.193
DISTRICT TOTAL	1138.90	964.759	784.233	849.723	1078.03	504.097	113.856	193.827	158.330	328.711	620.459	632.324
WITHDRAWAL TYPE												
GROUND WATER	1011.91	831.991	677.885	741.799	929.625	423.708	97.675	166.403	125.722	272.291	508.536	541.009
SURFACE WATER	126.990	132.768	106.349	107.923	148.409	80.390	16.181	27.424	32.608	56.420	111.923	91.315

SOURCE: 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE

Table A-9. Estimated and Reported Mining/Dewatering Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
CHARLOTTE COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.524	1.531	1.522
CITRUS COUNTY							
007687	006	CRYSTAL RIVER QUARRIES INC	M935	G	0.613	0.828	0.826
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.613	0.828	0.826
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.186	0.559	0.559
DESO TO COUNTY							
002456	002	RAYMOND J & JULIE MARIE SMITH	M970	G	0.005	0.480	0.480
009376	001	LAWRENCE I & RUTH H DAVIS	M970	S	0.020	0.058	0.058
011156	000	JAMES E DYKE	M970	G	0.004	0.328	0.328
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.029	0.866	0.866
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.105	0.307	0.307
HARDEE COUNTY							
002297	010	CARGILL FERTILIZER INC	M940	S	0.000	17.864	17.858
003669	007	CF INDUSTRIES INC	M940	G	2.892	7.605	7.594
011400	012	IMC PHOSPHATES COMPANY	M955	G	0.061	52.000	33.893
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			2.953	77.469	59.346
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.008	0.008	0.008
HERNANDO COUNTY							
000199	004	FLORIDA ROCK INDUSTRIES INC	M985	G	3.171	6.155	6.155
000199	004	FLORIDA ROCK INDUSTRIES INC	M985	S	0.000	6.155	6.155
000215	008	CSR RINKER & FLORIDA CRUSHED	M980	G	4.050	6.786	6.786
000215	008	CSR RINKER & FLORIDA CRUSHED	M980	S	0.000	6.786	6.786
002288	004	VULCAN/ICA DISTRIBUTION CO &	M935	G	4.352	6.680	6.680
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			11.573	19.621	19.621
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.078	0.084	0.084
HIGHLANDS COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.024	0.026	0.026
HILLSBOROUGH COUNTY							
007608	002	ERNEST W MILLER	M965	G	0.000	0.195	0.051
007608	002	ERNEST W MILLER	M965	S	0.000	0.195	0.051
010268	002	ALBERT & WILLIAM MARTINEZ	M976	G	0.025	0.215	0.080
010268	002	ALBERT & WILLIAM MARTINEZ	M976	S	0.000	0.215	0.080
011400	012	IMC PHOSPHATES COMPANY	M955	G	3.707	52.000	33.893

Table A-9. Estimated and Reported Mining/Dewatering Withdrawal by Permittee and County, 2001.

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HILLSBOROUGH COUNTY (CONTINUED)							
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			3.732	52.410	34.024
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.977	2.686	2.440
LAKE COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (NONE)			0.000	0.000	0.000
LEVY COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (NONE)			0.000	0.000	0.000
MANATEE COUNTY							
	003740	005 NU-GULF INDUSTRIES INC	M940	G	0.063	6.410	6.410
	008811	004 SMR AGGREGATES INC & SCHRODER-	M990	S	0.390	1.000	1.000
	011400	012 IMC PHOSPHATES COMPANY	M955	G	0.000	52.000	33.893
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.453	59.410	41.303
		TOTAL ESTIMATED WITHDRAWAL (NONE)			0.000	0.000	0.000
MARION COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (NONE)			0.000	0.000	0.000
PASCO COUNTY							
	003468	004 SC BEXLEY JR, JP BEXLEY, BEXLEY	M976	G	0.000	3.324	0.240
	003468	004 SC BEXLEY JR, JP BEXLEY, BEXLEY	M976	S	0.000	3.324	0.240
	006431	003 J CRAYTON PRUITT TRUSTEE	M925	G	0.000	1.230	0.090
	008232	002 SUN WEST MINE	M976	S	0.000	0.059	0.059
	010871	000 JAY TWO THREE INC	M965	G	0.000	0.499	0.499
	010871	000 JAY TWO THREE INC	M965	S	0.000	0.499	0.499
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.000	5.112	0.888
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.330	4.602	4.184
PINELLAS COUNTY							
	011433	000 H/A PARTNERS LTD	M965	S	0.000	0.498	0.498
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.000	0.498	0.498
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.092	0.179	0.179
POLK COUNTY							
	000029	008 CARGILL FERTILIZER INC	M980	G	4.615	11.486	11.486
	002297	010 CARGILL FERTILIZER INC	M940	G	1.420	17.864	17.858
	002297	010 CARGILL FERTILIZER INC	M940	S	0.000	17.864	17.858

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POLK COUNTY (CONTINUED)							
002317	004	AGRIFOS LLC	M940	G	0.017	6.397	5.617
002317	004	AGRIFOS LLC	M940	S	0.000	6.397	5.617
003446	006	HOLMES GARDEN ASSOCIATES LTD	M930	G	0.012	0.172	0.018
003446	006	HOLMES GARDEN ASSOCIATES LTD	M930	S	0.000	0.172	0.018
003731	006	POLK NURSERY COMPANY INC	M965	G	0.166	0.869	0.300
003731	006	POLK NURSERY COMPANY INC	M965	S	0.031	0.869	0.300
004376	016	U & H CAREPAKING INC & CITROSUCO	M985	G	1.561	4.752	2.191
004857	003	CSR RINKER MATERIALS AND	M960	G	1.287	7.960	7.404
004857	003	CSR RINKER MATERIALS AND	M960	S	0.262	7.960	7.404
005173	006	FLORIDA ROCK IND INC & FLORIDA	M976	G	0.002	0.264	0.264
006054	004	E R JAHNA INDUSTRIES INC	M976	G	0.081	0.189	0.189
006054	004	E R JAHNA INDUSTRIES INC	M976	S	0.000	0.189	0.189
010731	002	500 ENTERPRISES INC & LITTLE	M965	S	0.243	0.411	0.411
011063	000	ALVIN FUTCH & BILL SARGEANT-	M965	S	0.000	0.412	0.412
011400	012	IMC PHOSPHATES COMPANY	M955	G	19.163	52.000	33.893
011400	012	IMC PHOSPHATES COMPANY	M955	S	0.073	52.000	33.893
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					28.934	102.776	80.044
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.360	1.444	1.047
SARASOTA COUNTY							
003872	007	TAYLOR RANCH INC	M976	G	0.000	6.843	0.009
003872	007	TAYLOR RANCH INC	M976	S	0.000	6.843	0.009
008817	004	SMR AGGREGATES INC	M990	G	0.000	1.284	1.284
008817	004	SMR AGGREGATES INC	M990	S	0.256	1.284	1.284
011367	000	BRIAN BURTCH	M970	S	0.020	0.445	0.445
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					0.276	8.572	1.738
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.184	0.785	0.785
SUMTER COUNTY							
000213	004	FLORIDA CRUSHED STONE COMPANY	M935	G	0.000	33.167	33.167
000213	004	FLORIDA CRUSHED STONE COMPANY	M935	S	4.557	33.167	33.167
001334	002	DIXIE LIME AND STONE COMPANY	M935	G	0.000	12.203	12.203
001334	002	DIXIE LIME AND STONE COMPANY	M935	S	10.761	12.203	12.203
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					15.317	45.370	45.370
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					3.347	5.417	5.417

Table A-9. Estimated and Reported Mining/Dewatering Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
DISTRICT TOTAL							
TOTAL DISTRICT REPORTED WITHDRAWAL (OF ALL PERMITS SHOWN ABOVE)					63.880	372.931	284.523
TOTAL DISTRICT ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					6.216	17.629	16.559

SOURCE: DATA BASED UPON 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE.

NOTES:

- (1): PERMIT NO. = PERMIT NUMBER ASSIGNED TO THE PERMIT BY THE DISTRICT AND REMAINS THE SAME FOR THE LIFE OF THE PERMIT.
- (2): REV. NO. = REVISION NUMBER ATTACHED AS A SUFFIX TO PERMIT NUMBER AND INCREASES BY ONE EACH TIME THE PERMIT IS RENEWED OR MODIFIED.
- (3): PERMITTEE IS THE PERMIT OWNER AND/OR LEASE HOLDER OF PROPERTY ASSOCIATED WITH THE PERMIT.
- (4): USE CODE IS A CODE ASSIGNED TO THE PERMIT WHICH DESIGNATES THE PERMIT'S PRIMARY NEED FOR WATER (i.e., CITRUS PRODUCTION, GOLF COURSE IRRIGATION, CEMENT MANUFACTURING, etc.)
- (5): WITHDRAWAL SOURCE = GROUND WATER (G) OR SURFACE WATER (S).
- (6): 2001 USE - EACH PERMIT'S AVERAGE DAILY WITHDRAWAL OF WATER IN MILLION GALLONS PER DAY IN 2001.
- (7): TOTAL PERMIT QUANTITY - TOTAL AMOUNT OF WATER PERMITTED (MAY INCLUDE ONE OR MORE OF THE FOLLOWING CATEGORIES: RECREATIONAL/AESTHETIC, AGRICULTURAL, PUBLIC SUPPLY, INDUSTRIAL/COMMERCIAL, MINING/DEWATERING)
- (8): USE TYPE PERMIT QUANTITY - PERMITTED AMOUNT FOR MINING/DEWATERING USE ONLY.

Table A-10. Estimated Mining/Dewatering Water Use by Month, 2001.

COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)
CHARLOTTE	1.496	0.564	0.779	0.298	0.087	0.424	1.322	0.272	0.189	0.217	0.683	0.386
CITRUS	2.400	3.574	2.183	4.217	2.047	2.904	1.831	0.935	1.579	1.330	1.786	1.341
DESOTO	1.099	1.912	0.920	2.090	0.803	1.420	0.795	0.276	0.618	0.400	0.710	0.466
HARDEE	5.034	5.337	5.978	5.959	6.309	5.928	0.014	0.019	0.025	0.025	0.028	0.141
HERNANDO	16.118	25.499	19.749	23.626	11.774	23.372	9.996	10.130	13.579	12.110	15.521	16.239
HIGHLANDS	0.026	0.041	0.051	0.028	0.010	0.032	0.015	0.010	0.014	0.014	0.019	0.031
HILLSBOROUGH	3.107	0.750	0.944	1.024	0.315	1.122	1.714	0.478	0.818	0.368	0.886	0.500
MANATEE	0.453	0.630	0.340	0.284	0.453	0.551	0.626	0.514	0.480	0.422	0.370	0.319
PASCO	5.466	7.967	8.746	6.268	2.305	6.313	3.107	1.787	2.696	2.519	3.702	5.144
PINELLAS	0.433	0.025	0.030	0.165	0.002	0.174	0.088	0.020	0.154	0.000	0.009	0.002
POLK	22.238	93.611	14.695	81.789	40.822	53.354	11.156	27.692	19.659	36.903	23.810	17.682
SARASOTA	1.097	0.313	0.510	0.205	0.133	0.334	1.018	0.454	0.566	0.201	0.459	0.225
SUMTER	103.156	9.436	6.252	17.157	6.780	7.500	11.560	10.356	14.709	9.643	20.388	8.246
DISTRICT TOTAL	162.123	149.659	61.176	143.109	71.839	103.428	43.241	52.943	55.086	64.153	68.372	50.721
WITHDRAWAL TYPE												
GROUND WATER	14.482	17.888	25.144	18.231	13.691	23.608	8.071	11.126	11.984	10.979	13.595	16.596
SURFACE WATER	147.641	131.771	36.032	124.878	58.148	79.819	35.170	41.817	43.102	53.174	54.777	34.125

SOURCE: 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE

Table A-11. Estimated and Reported Industrial/Commercial Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
CHARLOTTE COUNTY							
009180	001	SCHWAB READY MIX INC	I790	G	0.012	0.047	0.047
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.012	0.047	0.047
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.005	0.012	0.011
CITRUS COUNTY							
004695	003	FLORIDA POWER CORPORATION	I730	G	0.629	1.000	1.000
011281	002	METAL INDUSTRIES, INC.	I705	G	0.131	0.364	0.364
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.760	1.364	1.364
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.122	0.287	0.282
DESOTO COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.048	0.178	0.178
HARDEE COUNTY							
000438	004	US AGRI-CHEMICALS	I840	G	0.000	9.673	6.498
002297	010	CARGILL FERTILIZER INC	I805	S	0.000	17.864	0.006
011400	012	IMC PHOSPHATES COMPANY	I840	G	0.033	52.000	18.107
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.033	79.537	24.610
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.185	0.470	0.470
HERNANDO COUNTY							
002286	004	CEMEX	I840	G	2.433	2.890	2.890
007015	000	FLORIDA CRUSHED STONE COMPANY	I825	G	7.780	20.080	20.080
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			10.212	22.970	22.970
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.030	0.110	0.069
HIGHLANDS COUNTY							
004086	007	SUNPURE LTD	I840	G	0.071	0.208	0.157
004086	007	SUNPURE LTD	I840	S	0.012	0.208	0.157
004491	002	TAMPA ELECTRIC CO	I825	S	0.000	0.063	0.063
006031	008	LAKE PLACID GROVES LLC	I840	G	0.034	2.779	0.037
007761	002	GEORGIA PACIFIC CORPORATION	I840	G	0.017	0.060	0.060
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.134	3.110	0.316
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.060	0.165	0.165
HILLSBOROUGH COUNTY							
000148	002	YUENGLING BREWING CO OF TAMPA	I810	G	0.129	0.666	0.666
000229	005	TAMPA BAY FISHERIES INC	I840	G	0.146	0.180	0.180
000405	005	SEABOARD COLD STORAGE INC	I830	G	0.000	0.200	0.200
000503	005	REEDER FARMS	I840	G	0.003	1.030	0.006
001415	008	CF INDUSTRIES, INC.	I840	G	2.118	4.051	4.051

Table A-11. Estimated and Reported Industrial/Commercial Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
HILLSBOROUGH COUNTY (CONTINUED)							
001415	008	CF INDUSTRIES, INC.	I840	S	0.000	4.051	4.051
001532	004	CARGILL FERTILIZER INC.	I755	G	0.004	5.985	5.970
001532	004	CARGILL FERTILIZER INC.	I755	S	2.581	5.985	5.970
001861	003	CORONET INDUSTRIES INC.	I840	G	0.508	0.740	0.740
001930	006	NITRAM, INC.	I755	G	0.251	0.346	0.346
001960	011	UNIVERSITY OF SOUTH FLORIDA	I840	G	0.904	2.374	1.391
001960	011	UNIVERSITY OF SOUTH FLORIDA	I840	S	0.011	2.374	1.391
003050	006	IMC PHOSPHATES COMPANY	I835	G	2.564	3.400	3.400
003050	006	IMC PHOSPHATES COMPANY	I835	S	0.000	3.400	3.400
003055	003	SPEEDLING INC	I800	G	0.002	0.396	0.008
003118	004	CRYSTALS INTERNATIONAL INC	I805	G	1.050	3.470	3.470
003742	002	PARADISE FRUIT COMPANY, INC.	I830	G	0.333	0.452	0.452
006233	003	TAMPA ELECTRIC CO	I780	G	0.000	0.234	0.234
007182	001	ALUMAX EXTRUSIONS INC	I800	G	0.005	0.119	0.119
010500	000	SINGLETON SEAFOOD COMPANY	I830	G	0.157	0.462	0.462
011181	004	BATISTA & EVELYN MADONIA	I850	G	0.000	1.611	0.001
011181	004	BATISTA & EVELYN MADONIA	I850	S	0.000	1.611	0.001
011400	012	IMC PHOSPHATES COMPANY	I840	G	1.980	52.000	18.107
011986	000	ST JOSEPHS HOSPITAL INC	I840	G	0.152	0.192	0.192
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			12.899	77.908	39.995
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.525	1.807	1.329
LAKE COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (NONE)			0.000	0.000	0.000
LEVY COUNTY							
		TOTAL REPORTED WITHDRAWAL (NONE)			0.000	0.000	0.000
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.029	0.123	0.110
MANATEE COUNTY							
000503	005	REEDER FARMS	I840	G	0.001	1.030	0.006
004183	005	CR BURNETT & SONS INC	I805	G	0.053	0.392	0.045
005423	009	FLORIDA POWER & LIGHT COMPANY	I840	G	0.014	2.007	0.023
005423	009	FLORIDA POWER & LIGHT COMPANY	I840	S	0.000	2.007	0.023
009311	002	PINEY POINT PHOSPHATES INC	I755	G	0.066	1.500	1.500
010599	007	JOHN & CHRISTOPHER FALKNER	I850	G	0.014	1.735	0.015
010690	002	F BROWNE GREGG-CPV GULFCOAST LTD	I780	G	0.000	1.537	1.460
011400	012	IMC PHOSPHATES COMPANY	I840	G	0.000	52.000	18.107
012009	000	APAC FLORIDA INC & SCHROEDER-	I840	G	0.000	0.069	0.069
012009	000	APAC FLORIDA INC & SCHROEDER-	I840	S	0.001	0.069	0.069

Table A-11. Estimated and Reported Industrial/Commercial Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
MANATEE COUNTY (CONTINUED)							
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)							
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)							
MARION COUNTY							
00585	001	OCALA JOCKEY CLUB INC	I770	G	0.074	0.191	0.105
00548	002	MARK III INDUSTRIES, INC.	I840	G	0.005	0.033	0.033
00986	002	MARION CO BOCC UTILITIES DEPT	I840	G	0.004	0.423	0.423
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)							
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)							
PASCO COUNTY							
00451	002	PASCO BEVERAGE COMPANY	I845	G	2.046	15.493	15.493
00987	000	PASCO COUNTY SOLID WASTE	I780	G	0.221	0.720	0.720
009132	005	CRYSTAL SPRINGS RECREATIONAL	I840	G	0.000	0.331	0.331
009132	005	CRYSTAL SPRINGS RECREATIONAL	I840	S	0.315	0.331	0.331
010413	002	PASCO COGEN LTD & LYKES-PASCO	I780	G	0.475	0.762	0.762
010772	002	FLORIDA POWER CORPORATION	I805	G	0.160	0.288	0.288
012052	002	SHADY HILLS POWER CO LLC	I840	G	0.001	0.164	0.164
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)							
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)							
PINELLAS COUNTY							
000217	002	MINUTE MAID FOOD SERVICES	I810	G	0.019	0.134	0.134
010646	000	SAFETY HARBOR SPA & FITNESS	I735	G	0.012	0.101	0.100
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)							
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)							
POLK COUNTY							
000047	007	CITY OF LAKELAND	I780	G	0.724	3.020	3.020
000047	007	CITY OF LAKELAND	I780	S	0.908	3.020	3.020
000225	002	U S BEVERAGE PACKING INC	I840	G	0.114	0.750	0.750
000260	003	FLORIDA DISTILLERS CO & TODD	I845	G	0.009	0.448	0.448
000261	003	ALUMINUM CO OF AMERICA	I755	G	0.010	0.033	0.033
000295	005	CITY OF LAKELAND ELEC & WATER	I780	S	0.785	1.422	1.422
000408	006	CITRUS WORLD INC	I845	G	1.785	2.073	2.073
000438	004	US AGRI-CHEMICALS	I840	G	2.970	9.673	6.498
000440	003	US AGRI-CHEMICALS	I835	G	0.050	0.120	0.120
000493	005	CUTRALE CITRUS JUICES USA INC	I825	G	1.265	3.500	3.500
000610	006	CF INDUSTRIES INC	I840	G	1.323	3.303	3.303
001068	004	OSCAR W ROGERS-CD ROGERS-WM	I840	G	0.000	0.019	0.019
001405	002	BARTOW HOLDING CO INC	I830	G	0.000	0.116	0.115

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POLK COUNTY (CONTINUED)							
001405	002	BARTOW HOLDING CO INC	I830	S	0.000	0.116	0.115
001539	005	FARMLAND HYDRO LTD PARTNERSHIP	I840	G	4.427	5.500	5.500
002023	007	PHOENIX INDUSTRIES	I840	G	0.038	0.118	0.118
002224	006	CARGILL FERTILIZER INC	I840	G	4.528	5.200	5.200
002297	010	CARGILL FERTILIZER INC	I805	G	0.000	17.864	0.006
002297	010	CARGILL FERTILIZER INC	I805	S	0.000	17.864	0.006
002317	004	AGRIFOS LLC	I810	G	0.002	6.397	0.780
002317	004	AGRIFOS LLC	I810	S	0.000	6.397	0.780
002345	003	SFE CITRUS PROCESSORS LIMITED	I805	G	0.000	0.404	0.404
002538	003	MACASPHALT INC A DIVISION OF	I840	G	0.014	0.141	0.141
002834	003	PASCO PROCESSING	I845	G	0.013	0.494	0.439
003051	002	IMC FERTILIZER INC	I815	G	0.000	0.175	0.175
003150	004	KAISER ALUMINUM & CHEMICAL CORP	I840	G	0.151	0.192	0.192
003195	004	MULBERRY PHOSPHATES INC	I840	G	0.071	1.991	1.991
003641	004	AOC LLC	I840	G	0.501	0.800	0.800
004312	004	HOLLY HILL FRUIT PRODUCTS CO INC	I845	G	0.125	0.371	0.371
004376	016	U & H CARETAKING INC & CITROSUCO	I840	G	0.172	4.752	0.242
004894	002	CARGILL CITRO AMERICA INC	I790	G	0.147	0.313	0.313
004894	002	CARGILL CITRO AMERICA INC	I790	S	0.000	0.313	0.313
005798	006	PUBLIX SUPER MARKETS INC	I845	G	0.669	1.449	1.449
005798	006	PUBLIX SUPER MARKETS INC	I845	S	0.013	1.449	1.449
006054	004	E R JAHNA INDUSTRIES INC	I840	G	0.000	0.189	0.000
006054	004	E R JAHNA INDUSTRIES INC	I840	S	0.000	0.189	0.000
007212	002	BEN HILL GRIFFIN INC	I810	G	0.017	0.042	0.042
007356	002	BARTOW ETHANOL OF FLORIDA LLC	I755	G	0.004	0.090	0.090
010347	001	FLA DISTILLERS CO & TOD HUNTER	I800	G	0.363	1.000	1.000
010555	002	FLORIDA DISTILLERS COMPANY	I830	G	0.542	1.082	1.082
010604	003	AUBURNDALE POWER PARTNERS	I790	G	0.992	1.326	1.326
010631	001	WHEELABRATOR RIDGE ENERGY AND	I840	G	0.464	1.340	1.340
010700	002	POLK POWER PARTNERS LIMITED	I810	G	0.391	0.761	0.761
010770	001	JUICE BOWL PRODUCTS INC	I800	G	0.247	0.302	0.302
010840	001	FLORIDA POWER CORP & US AGRI	I840	G	0.998	1.682	1.682
010948	002	ORANGE COGENERATION LIMITED	I810	G	0.366	0.660	0.660
011181	004	BATISTA & EVELYN MADONIA	I850	G	0.000	1.611	0.001
011181	004	BATISTA & EVELYN MADONIA	I850	S	0.000	1.611	0.001
011400	012	IMC PHOSPHATES COMPANY	I840	G	10.238	52.000	18.107
011400	012	IMC PHOSPHATES COMPANY	I840	S	0.039	52.000	18.107
011747	001	TAMPA ELECTRIC CO	I840	G	2.391	6.400	6.400
TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)					37.864	139.187	72.214
TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)					0.603	1.947	1.539

Table A-11. Estimated and Reported Industrial/Commercial Withdrawal by Permittee and County, 2001.

Permit No. (1)	Rev No. (2)	Permittee (3)	USE CODE (4)	WITHDRAWAL SOURCE (5)	2001 WITHDRAWAL (MGD) (6)	TOTAL PERMIT QUANTITY (MGD) (7)	USE TYPE PERMIT QUANTITY (MGD) (8)
SARASOTA COUNTY							
006047	002	DME/SARASOTA I LP	1840	G	0.019	0.035	0.035
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.019	0.035	0.035
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.160	0.438	0.405
SUMTER COUNTY							
011259	000	SUMTER COUNTY BOARD OF CO COMM	1840	G	0.000	0.125	0.113
011404	003	LITTLE SUMTER UTILITY COMPANY	1800	G	0.103	4.300	0.135
		TOTAL REPORTED WITHDRAWAL (OF ABOVE PERMITS)			0.103	4.425	0.248
		TOTAL ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			0.129	0.429	0.336
DISTRICT TOTAL							
		TOTAL DISTRICT REPORTED WITHDRAWAL (OF ALL PERMITS SHOWN ABOVE)			65.519	407.492	201.577
		TOTAL DISTRICT ESTIMATED WITHDRAWAL (PERMITS NOT SHOWN)			2.128	7.097	5.439

SOURCE: DATA BASED UPON 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE.

NOTES:

- (1): PERMIT NO. = PERMIT NUMBER ASSIGNED TO THE PERMIT BY THE DISTRICT AND REMAINS THE SAME FOR THE LIFE OF THE PERMIT.
- (2): REV. NO. = REVISION NUMBER ATTACHED AS A SUFFIX TO PERMIT NUMBER AND INCREASES BY ONE EACH TIME THE PERMIT IS RENEWED OR MODIFIED.
- (3): PERMITTEE IS THE PERMIT OWNER AND/OR LEASE HOLDER OF PROPERTY ASSOCIATED WITH THE PERMIT.
- (4): USE CODE IS A CODE ASSIGNED TO THE PERMIT WHICH DESIGNATES THE PERMIT'S PRIMARY NEED FOR WATER (i.e., CITRUS PRODUCTION, GOLF COURSE IRRIGATION, CEMENT MANUFACTURING, etc.)
- (5): WITHDRAWAL SOURCE = GROUND WATER (G) OR SURFACE WATER (S).
- (6): 2001 USE - EACH PERMIT'S AVERAGE DAILY WITHDRAWAL OF WATER IN MILLION GALLONS PER DAY IN 2001.
- (7): TOTAL PERMIT QUANTITY - TOTAL AMOUNT OF WATER PERMITTED (MAY INCLUDE ONE OR MORE OF THE FOLLOWING CATEGORIES: RECREATIONAL/AESTHETIC, AGRICULTURAL, PUBLIC SUPPLY, INDUSTRIAL/COMMERCIAL, MINING/DEWATERING)
- (8): USE TYPE PERMIT QUANTITY - PERMITTED AMOUNT FOR INDUSTRIAL/COMMERCIAL WATER USE ONLY.

Table A-12. Estimated Industrial/Commercial Water Use by Month, 2001.

COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)
CHARLOTTE	0.029	0.022	0.025	0.005	0.015	0.031	0.014	0.016	0.017	0.023	0.017	0.020
CITRUS	0.910	0.896	0.869	0.871	0.853	0.889	0.934	0.619	1.183	0.867	0.829	0.861
DESOTO	0.053	0.064	0.068	0.034	0.006	0.040	0.008	0.060	0.050	0.063	0.064	0.070
HARDEE	1.984	2.567	2.331	2.584	2.712	2.531	2.780	2.477	2.665	2.385	2.575	3.136
HERNANDO	5.716	5.523	4.677	5.572	7.925	8.742	11.771	8.160	2.499	10.358	24.010	28.023
HIGHLANDS	0.322	0.283	0.205	0.193	0.153	0.082	0.058	0.185	0.122	0.132	0.249	0.342
HILLSBOROUGH	6.648	7.378	10.068	10.511	8.740	10.817	14.443	11.526	14.126	17.620	9.978	15.501
LEVY	0.030	0.040	0.042	0.022	0.004	0.024	0.003	0.037	0.029	0.038	0.041	0.043
MANATEE	0.256	0.228	0.198	0.169	0.205	0.161	0.069	0.177	0.128	0.196	0.959	0.211
MARION	0.043	0.089	0.063	0.051	0.071	0.115	0.139	0.154	0.174	0.116	0.082	0.115
PASCO	6.193	8.149	6.177	6.923	7.201	7.172	7.566	6.814	5.060	9.343	6.026	8.006
PINELLAS	0.079	0.070	0.061	0.065	0.054	0.088	0.069	0.103	0.079	0.113	0.086	0.075
POLK	36.903	74.234	34.633	83.353	62.851	52.546	54.290	53.434	33.814	53.681	44.348	55.559
SARASOTA	0.247	0.177	0.197	0.142	0.100	0.166	0.117	0.192	0.202	0.224	0.171	0.217
SUMTER	0.215	0.247	0.232	0.228	0.226	0.230	0.186	0.269	0.236	0.158	0.411	0.291
DISTRICT TOTAL	59.629	99.967	59.849	110.723	91.116	83.634	92.447	84.224	60.383	95.317	89.847	112.470
WITHDRAWAL TYPE												
GROUND WATER	51.466	54.932	50.335	63.832	65.343	57.079	76.769	61.091	38.941	60.975	73.181	93.059
SURFACE WATER	8.163	45.034	9.514	46.891	25.773	26.555	15.678	23.133	21.442	34.343	16.666	19.411

SOURCE: 2001 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT REGULATORY DATABASE

APPENDIX B

ESTIMATED SURFACE AND GROUND WATER WITHDRAWAL

Table B-1. Summary of Estimated Water Withdrawal (mgd) in the District by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Domestic Self-Supply	Recreational Aesthetic	County Total
Groundwater							
CHARLOTTE	14.819	0.017	0.004	2.122	4.072	0.697	21.731
CITRUS	1.917	0.781	0.636	12.767	6.439	2.860	25.400
DESOTO	87.563	0.048	0.009	4.235	2.113	0.172	94.140
HARDEE	69.656	0.213	2.953	1.659	0.681	0.199	75.361
HERNANDO	2.918	10.242	11.577	19.990	1.857	2.843	49.427
HIGHLANDS	47.787	0.182	0.001	8.263	1.584	2.391	60.208
HILLSBOROUGH	72.051	10.817	3.761	88.780	6.430	9.530	191.369
LAKE	1.400	0.000	0.000	0.000	0.228	0.000	1.628
LEVY	8.539	0.029	0.000	0.955	2.615	0.265	12.403
MANATEE	93.553	0.242	0.063	13.742	0.484	3.302	111.386
MARION	3.547	0.101	0.000	7.722	6.412	2.486	20.268
PASCO	15.341	2.977	0.167	93.419	5.161	4.493	121.558
PINELLAS	0.353	0.054	0.000	33.564	0.953	2.348	37.272
POLK	122.128	36.699	28.407	66.943	10.349	7.438	271.964
SARASOTA	6.231	0.175	0.000	25.354	0.662	4.460	36.882
SUMTER	10.463	0.233	0.006	6.668	4.565	1.918	23.853
DISTRICT	558.266	62.810	47.584	386.183	54.605	45.402	1154.850
(%)	48	5	4	33	5	4	100
Surface Water							
CHARLOTTE	2.827	0.000	0.521	3.969	0.000	2.231	9.548
CITRUS	0.102	0.101	0.163	0.001	0.000	0.146	0.513
DESOTO	4.393	0.000	0.125	8.583	0.000	0.000	13.101
HARDEE	0.182	0.004	0.008	0.000	0.000	0.039	0.233
HERNANDO	0.027	0.000	0.075	0.012	0.000	0.306	0.420
HIGHLANDS	6.565	0.012	0.023	0.000	0.000	0.010	6.600
HILLSBOROUGH	2.358	2.607	0.948	78.134	0.000	3.567	87.614
LAKE	0.119	0.000	0.000	0.000	0.000	0.000	0.119
LEVY	0.288	0.000	0.000	0.000	0.000	0.000	0.288
MANATEE	1.301	0.001	0.390	32.798	0.000	1.273	35.763
MARION	0.099	0.000	0.000	0.000	0.000	0.042	0.141
PASCO	0.364	0.315	0.163	0.000	0.000	0.598	1.440
PINELLAS	0.034	0.024	0.092	0.000	0.000	2.792	2.942
POLK	3.436	1.768	0.888	0.043	0.000	1.499	7.634
SARASOTA	0.268	0.004	0.459	1.220	0.000	3.045	4.996
SUMTER	0.406	0.000	18.658	0.000	0.000	0.168	19.232
DISTRICT	22.759	4.836	22.513	124.760	0.000	15.716	190.584
(%)	12	3	12	65	0	8	100
SUBTOTAL	581.025	67.646	70.097	510.943	54.605	61.118	1345.434
(%)	43	5	5	38	4	5	100

Source: Estimates and pumpage based on data obtained from the District's Regulatory Database, 2001.

Table B-2. Summary of Estimated Water Withdrawal (mgd) in Southern Water Use Caution Area (SWUCA) by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
CHARLOTTE	14.819	0.017	0.004	2.122	0.697	17.659
DESOTO	87.563	0.048	0.009	4.235	0.172	92.027
HARDEE	69.656	0.213	2.953	1.659	0.199	74.680
HIGHLANDS	47.787	0.182	0.001	8.263	2.391	58.624
HILLSBOROUGH	45.447	2.282	3.732	24.861	1.368	77.690
MANATEE	93.553	0.242	0.063	13.742	3.302	110.902
POLK	112.433	36.054	27.063	56.497	6.183	238.230
SARASOTA	6.231	0.175	0.000	25.354	4.460	36.220
SWUCA	477.489	39.213	33.825	136.733	18.772	706.032
(%)	68	6	5	19	3	100
Surface Water						
CHARLOTTE	2.827	0.000	0.521	3.969	2.231	9.548
DESOTO	4.393	0.000	0.125	8.583	0.000	13.101
HARDEE	0.182	0.004	0.008	0.000	0.039	0.233
HIGHLANDS	6.555	0.012	0.023	0.000	0.010	6.600
HILLSBOROUGH	0.919	2.586	0.438	0.018	1.845	5.806
MANATEE	1.301	0.001	0.390	32.798	1.273	35.763
POLK	2.974	1.768	0.577	0.003	0.930	6.252
SARASOTA	0.268	0.004	0.459	1.220	3.045	4.996
SWUCA	19.419	4.375	2.541	46.591	9.373	82.299
(%)	24	5	3	57	11	100
SUBTOTAL	496.908	43.588	36.366	183.324	28.145	788.331
(%)	63	6	5	23	4	100

Note: Domestic Self-Supply Category is not included in this table.

Source: Estimates and pumpage based on data obtained from the District's Regulatory Database, 2001.

Table B-3. Summary of Estimated Water Withdrawal (mgd) in Eastern Tampa Bay Water Use Caution Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HILLSBOROUGH	45.447	2.282	3.732	24.861	1.368	77.690
MANATEE	85.971	0.242	0.063	13.742	3.302	103.320
SARASOTA	3.228	0.056	0.000	10.960	2.140	16.384
Eastern Tampa Bay	134.646	2.580	3.796	49.563	6.810	197.394
(%)	68	1	2	25	3	100
Surface Water						
HILLSBOROUGH	0.919	2.586	0.438	0.018	1.845	5.806
MANATEE	1.245	0.001	0.390	32.798	1.273	35.707
SARASOTA	0.128	0.004	0.256	0.000	1.366	1.754
Eastern Tampa Bay	2.292	2.591	1.084	32.816	4.484	43.267
(%)	5	6	3	76	10	100
SUBTOTAL	136.938	5.171	4.879	82.379	11.294	240.661
(%)	57	2	2	34	5	100

Note: Domestic Self-Supply Category is not included in this table.

Source: Estimates and pumpage based on data obtained from the District's Regulatory Database, 2001.

Table B-4. Summary of Estimated Water Withdrawal (mgd) in Highlands Ridge Water Use Caution Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HIGHLANDS	47.787	0.182	0.001	8.263	2.391	58.624
POLK	67.324	2.843	1.657	16.253	4.422	92.499
Highlands Ridge	115.111	3.025	1.658	24.516	6.813	151.123
(%)	76	2	1	16	5	100
Surface Water						
HIGHLANDS	6.555	0.012	0.023	0.000	0.010	6.600
POLK	1.993	0.014	0.073	0.002	0.167	2.239
Highlands Ridge	8.548	0.026	0.096	0.002	0.167	8.839
(%)	97	0	1	0	2	100
SUBTOTAL	123.659	3.051	1.754	24.518	6.980	169.962
(%)	77	2	1	15	4	100

Note: Domestic Self-Supply Category is not included in this table.

Source: Estimates and pumpage based on data obtained from the District's Regulatory Database, 2001.

Table B-5. Summary of Estimated Water Withdrawal (mgd) in Northern Tampa Bay Water Use Caution Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HILLSBOROUGH	24.961	3.854	0.029	63.886	8.127	100.857
PASCO	1.850	0.162	0.000	40.915	2.122	45.049
PINELLAS	0.353	0.054	0.000	33.564	2.348	36.319
North Tampa Bay	27.164	4.070	0.029	138.365	12.597	182.225
(%)	16	2	0	76	7	100
Surface Water						
HILLSBOROUGH	1.425	0.021	0.510	78.116	1.722	81.794
PASCO	0.033	0.000	0.100	0.000	0.022	0.155
PINELLAS	0.034	0.024	0.092	0.000	2.792	2.942
North Tampa Bay	1.492	0.045	0.702	78.116	4.536	84.891
(%)	2	0	1	92	5	100
SUBTOTAL	28.656	4.115	0.731	216.481	17.133	267.116
(%)	11	2	0	81	6	100

Note: Domestic Self-Supply Category is not included in this table.

Source: Estimates and pumpage based on data obtained from the District's Regulatory Database, 2001.

Table B-6. Summary of Estimated Water Withdrawal (mgd) in Northern Tampa Bay Water Resource Assessment Project Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HERNANDO	2.463	0.023	0.000	19.132	2.309	23.927
HILLSBOROUGH	15.437	4.040	0.029	57.805	7.896	85.206
PASCO	15.127	2.964	0.157	93.392	4.288	115.928
PINELLAS	0.353	0.064	0.000	33.564	2.348	36.319
POLK	1.624	0.001	0.000	0.966	0.017	2.508
NTB WRAP	34.904	7.082	0.186	204.859	16.857	263.888
(%)	13	3	0	78	6	100
Surface Water						
HERNANDO	0.027	0.000	0.000	0.000	0.168	0.195
HILLSBOROUGH	0.601	0.021	0.344	78.116	1.717	80.799
PASCO	0.364	0.315	0.163	0.000	0.560	1.402
PINELLAS	0.034	0.024	0.092	0.000	2.792	2.942
POLK	0.049	0.000	0.033	0.000	0.075	0.157
NTB WRAP	1.075	0.360	0.632	78.116	5.312	85.495
(%)	1	0	1	91	6	100
SUBTOTAL	35.979	7.442	0.818	282.875	22.169	349.383
(%)	10	2	0	81	6	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.

Source: Estimates and pumpage based on data obtained from the District's Regulatory Database, 2001.

Table B-7. Summary of Estimated Water Withdrawal (mgd) in the Most Impacted Area of the District by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HILLSBOROUGH	32.993	0.043	0.025	0.289	0.941	34.291
MANATEE	47.209	0.222	0.000	0.640	3.285	51.356
SARASOTA	2.716	0.032	0.000	8.685	1.739	13.172
Most Impacted Area	82.918	0.297	0.025	9.614	5.965	98.819
(%)	84	0	0	10	6	100
Surface Water						
HILLSBOROUGH	0.180	0.004	0.438	0.018	1.699	2.339
MANATEE	0.780	0.001	0.390	32.798	1.273	35.242
SARASOTA	0.017	0.004	0.256	0.000	0.436	0.713
Most Impacted Area	0.977	0.009	1.084	32.816	3.408	38.294
(%)	3	0	3	86	9	100
SUBTOTAL	83.895	0.306	1.109	42.430	9.373	137.113
(%)	61	0	1	31	7	100

Note: Domestic Self-Supply Category is not included in this table.

Source: Estimates and pumpage based on data obtained from the District's Regulatory Database, 2001.

APPENDIX C
PERMITTED SURFACE AND GROUND
WATER QUANTITIES

Table C-1. Summary of Permitted Quantity (mgd) in the District by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
CHARLOTTE	31.728	0.063	0.004	5.140	1.032	37.967
CITRUS	3.030	1.413	3.951	15.046	4.986	28.426
DESOTO	179.978	0.178	0.808	12.344	0.420	193.728
HARDEE	118.124	4.266	25.449	2.065	0.235	150.139
HERNANDO	4.922	23.053	9.762	22.545	5.011	65.293
HIGHLANDS	74.537	0.406	0.001	12.338	2.923	90.205
HILLSBOROUGH	136.857	16.875	6.499	89.836	16.545	266.612
LAKE	2.001	0.000	0.000	0.000	0.000	2.001
LEVY	17.218	0.110	0.000	1.368	0.342	19.038
MANATEE	209.883	3.254	6.410	21.050	6.361	246.958
MARION	10.314	0.601	0.000	15.039	4.250	30.204
PASCO	30.664	17.591	1.364	113.745	7.024	170.388
PINELLAS	0.471	0.286	0.000	42.830	3.359	46.946
POLK	179.742	91.666	57.180	78.434	12.290	419.312
SARASOTA	28.403	0.430	0.003	41.456	8.329	78.621
SUMTER	14.798	0.611	0.010	10.112	3.024	28.555
DISTRICT	1042.670	160.803	111.441	483.348	76.131	1874.393
(%)	56	9	6	26	4	100
Surface Water						
CHARLOTTE	4.954	0.001	1.672	5.358	3.555	15.540
CITRUS	0.480	0.233	3.590	0.001	1.521	5.825
DESOTO	5.841	0.000	1.561	21.800	0.188	29.390
HARDEE	0.278	0.010	0.012	0.000	0.046	0.346
HERNANDO	0.268	0.000	3.788	0.135	1.697	5.888
HIGHLANDS	7.885	0.075	0.025	0.102	0.200	8.287
HILLSBOROUGH	8.635	6.358	2.367	218.880	6.555	242.795
LAKE	0.166	0.000	0.000	0.000	0.000	0.166
LEVY	0.462	0.000	0.000	0.000	0.000	0.462
MANATEE	14.408	0.065	1.000	36.716	2.160	54.349
MARION	0.163	0.000	0.000	0.375	0.155	0.693
PASCO	1.086	0.330	5.185	0.005	1.803	8.409
PINELLAS	0.081	0.082	0.752	0.000	4.747	5.662
POLK	6.213	2.863	10.338	0.349	2.701	22.464
SARASOTA	7.295	0.010	2.520	2.122	6.790	18.737
SUMTER	0.693	0.000	51.181	0.000	0.502	52.376
DISTRICT	58.908	10.027	83.991	285.843	32.620	471.389
(%)	12	2	18	61	7	100
SUBTOTAL	1101.578	170.830	195.432	769.191	108.751	2345.782
(%)	47	7	8	33	5	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.

Source: Permitted Quantities obtained from the District's Regulatory Database, 2001.

Table C-2. Summary of Permitted Quantity (mgd) in Southern Water Use Caution Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
CHARLOTTE	31.728	0.063	0.004	5.140	1.032	37.967
DESOTO	179.978	0.178	0.808	12.344	0.420	193.728
HARDEE	118.124	4.266	25.449	2.065	0.235	150.139
HIGHLANDS	74.537	0.406	0.001	12.338	2.923	90.205
HILLSBOROUGH	98.867	3.841	6.461	31.525	3.309	144.003
MANATEE	209.883	3.254	6.410	21.050	6.361	246.958
POLK	164.458	90.418	54.881	73.661	10.712	394.130
SARASOTA	28.403	0.430	0.003	41.456	8.329	78.621
SWUCA	905.978	102.856	94.017	199.579	33.321	1335.751
(%)	68	8	7	15	2	100
Surface Water						
CHARLOTTE	4.954	0.001	1.672	5.358	3.555	15.540
DESOTO	5.841	0.000	1.561	21.800	0.188	29.390
HARDEE	0.278	0.010	0.012	0.000	0.046	0.346
HIGHLANDS	7.885	0.075	0.025	0.102	0.200	8.287
HILLSBOROUGH	5.554	6.258	1.363	51.845	2.848	67.868
MANATEE	14.408	0.065	1.000	36.716	2.160	54.349
POLK	5.352	2.862	4.951	0.191	1.980	15.336
SARASOTA	7.295	0.010	2.520	2.122	6.790	18.737
SWUCA	51.567	9.281	13.104	118.134	17.767	209.853
(%)	25	4	6	56	8	100
SUBTOTAL	957.545	112.137	107.121	317.713	51.088	1545.604
(%)	62	7	7	21	3	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.

Note: SWUCA total of 5903 permits: Agriculture - 6115; Ind/Comm - 153; Mining - 55; Public Supply - 181;
Recreational/Aesthetic - 399

Source: Permitted Quantities obtained from the District's Regulatory Database, 2001.

Table C-3. Summary of Permitted Quantity (mgd) in Eastern Tampa Bay Water Use Caution Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HILLSBOROUGH	98.867	3.841	6.461	31.525	3.309	144.003
MANATEE	197.171	3.254	6.410	21.050	6.361	234.246
SARASOTA	12.411	0.154	0.003	14.338	3.950	30.856
Eastern Tampa Bay	308.449	7.249	12.874	66.913	13.620	409.105
(%)	75	2	3	16	3	100
Surface Water						
HILLSBOROUGH	5.554	6.258	1.363	51.845	2.848	67.868
MANATEE	13.134	0.065	1.000	36.716	2.160	53.075
SARASOTA	0.510	0.010	1.281	0.000	2.203	4.004
Eastern Tampa Bay	19.198	6.333	3.644	88.561	7.211	124.947
(%)	15	5	3	71	6	100
SUBTOTAL	327.647	13.582	16.518	155.474	20.831	534.052
(%)	61	3	3	29	4	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.

Source: Permitted Quantities obtained from the District's Regulatory Database, 2001.

Table C-4. Summary of Permitted Quantity (mgd) in Highlands Ridge Water Use Caution Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HIGHLANDS	74.537	0.406	0.001	12.338	2.923	90.205
POLK	93.428	4.216	2.983	24.791	6.806	132.224
Highlands Ridge	167.965	4.622	2.984	37.129	9.729	222.429
(%)	76	2	1	17	4	100
Surface Water						
HIGHLANDS	7.885	0.075	0.025	0.102	0.200	8.287
POLK	2.670	0.035	2.684	0.157	1.024	6.570
Highlands Ridge	10.555	0.110	2.709	0.259	1.224	14.857
(%)	71	1	18	2	8	100
SUBTOTAL	178.52	4.732	5.693	37.388	10.953	237.286
(%)	75	2	2	16	5	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.

Source: Permitted Quantities obtained from the District's Regulatory Database, 2001.

Table C-5. Summary of Permitted Quantity (mgd) in Northern Tampa Bay Water Use Caution Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HILLSBOROUGH	35.487	9.049	0.037	64.276	13.357	122.206
PASCO	9.922	0.302	0.223	53.582	3.431	67.460
PINELLAS	0.471	0.286	0.000	42.830	3.359	46.946
North Tampa Bay	45.880	9.637	0.260	160.688	20.147	236.612
(%)	19	4	0	68	9	100
Surface Water						
HILLSBOROUGH	3.124	0.035	1.004	167.035	3.706	174.904
PASCO	0.556	0.000	0.685	0.001	0.965	2.207
PINELLAS	0.081	0.082	0.752	0.000	4.747	5.662
North Tampa Bay	3.761	0.117	2.441	167.036	9.418	182.773
(%)	2	0	1	91	5	100
SUBTOTAL	49.641	9.754	2.701	327.724	29.565	419.385
(%)	12	2	1	78	7	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.

Source: Permitted Quantities obtained from the District's Regulatory Database, 2001.

Table C-6. Summary of Permitted Quantity (mgd) in Northern Tampa Bay Water Resource Assessment Project Area by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HERNANDO	4.280	0.053	0.000	22.205	3.889	30.427
HILLSBOROUGH	22.424	7.934	0.037	63.618	12.484	106.497
PASCO	30.614	17.559	1.364	113.745	7.014	170.296
PINELLAS	0.471	0.286	0.000	42.830	3.359	46.946
POLK	2.167	0.002	0.000	5.876	0.020	8.065
NTB WRAP	59.956	25.834	1.401	248.274	26.766	362.231
(%)	17	7	0	69	7	100
Surface Water						
HERNANDO	0.254	0.000	0.000	0.013	0.816	1.083
HILLSBOROUGH	1.243	0.101	0.747	167.035	3.043	172.169
PASCO	1.086	0.330	4.106	0.005	1.803	7.330
PINELLAS	0.081	0.082	0.752	0.000	4.747	5.662
POLK	0.063	0.000	0.145	0.158	0.295	0.661
NTB WRAP	2.727	0.513	5.750	167.211	10.704	186.905
(%)	1	0	3	89	6	100
SUBTOTAL	62.683	26.347	7.151	415.485	37.470	549.136
(%)	11	5	1	76	7	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.
Source: Permitted Quantities obtained from the District's Regulatory Database, 2001.

Table C-7. Summary of Permitted Quantity (mgd) in the Most Impacted Area of the District by Source, Category, and County, 2001

	Agricultural	Industrial Commercial	Mining Dewatering	Public Supply	Recreational Aesthetic	County Total
Groundwater						
HILLSBOROUGH	74.026	3.473	0.091	0.756	2.681	81.027
MANATEE	115.631	3.231	0.000	5.253	6.342	130.457
SARASOTA	5.209	0.060	0.003	14.338	3.243	22.853
Most Impacted Area	194.866	6.764	0.094	20.347	12.266	234.337
(%)	83	3	0	9	5	100
Surface Water						
HILLSBOROUGH	1.723	0.302	1.363	0.144	2.568	6.100
MANATEE	8.053	0.065	1.000	36.716	2.160	47.994
SARASOTA	0.235	0.010	1.281	0.000	1.316	2.842
Most Impacted Area	10.011	0.377	3.644	36.860	6.044	56.936
(%)	18	1	6	65	11	100
SUBTOTAL	204.877	7.141	3.738	57.207	18.310	291.273
(%)	70	2	1	20	6	100

Note: Domestic Self-Supply Category is not permitted by the District and, therefore, is not included in this table.

Source: Permitted Quantities obtained from the District's Regulatory Database, 2001.

APPENDIX D

HISTORICAL WATER USE PATTERNS

Table D-1. Historical Water Withdrawal (mgd) for Public Supply Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
CHARLOTTE COUNTY											
000718	GASPARILLA ISLAND WATER ASSOC	1.538	0.957	0.981	0.871	1.035	1.026	1.070	1.125	1.212	1.121
000871	CITY OF PUNTA GORDA UTILITY DEPT	5.358	3.143	3.385	3.167	3.371	5.772	3.279	3.566	3.993	3.969
002839	ROTONDA WEST UTILITY CORP	1.341	0.710	0.586	0.609	0.634	0.674	1.021	1.139	1.039	0.000
	COUNTY TOTAL	8.237	4.809	4.952	4.647	5.041	7.472	5.370	5.831	6.245	5.089
CITRUS COUNTY											
000207	CITY OF CRYSTAL RIVER	1.070	0.672	0.696	0.680	0.544	0.755	0.719	0.791	0.840	0.613
000419	CITY OF INVERNESS	1.725	1.234	1.209	1.175	1.213	1.169	1.287	1.310	1.329	1.241
002842	FLORIDA WATER SERVICES INC	1.605	0.908	0.889	0.987	1.013	1.036	1.455	1.496	1.638	1.529
004153	ROLLING OAKS UTILITIES, INC.	2.500	2.483	2.337	2.278	2.566	2.478	2.490	2.381	2.314	1.889
007121	CITRUS COUNTY & WITHLACOCHEE	4.004	1.910	1.799	1.938	2.567	2.819	3.506	3.626	3.961	3.757
009791	FLORIDA WATER SERVICES INC	1.240	1.284	1.075	1.086	1.164	1.283	1.613	1.713	1.792	1.781
	COUNTY TOTAL	12.144	8.492	8.005	8.144	9.067	9.541	11.069	11.318	11.873	10.809
DE SOTO COUNTY											
010420	PEACE RIVER MRWSA DE SOTO AND	32.700	9.002	10.017	11.141	11.424	11.315	13.162	11.950	9.332	11.597
	COUNTY TOTAL	32.700	9.002	10.017	11.141	11.424	11.315	13.162	11.950	9.332	11.597
HERNANDO COUNTY											
002983	HERNANDO COUNTY WATER & SEWER	5.830	4.470	4.167	4.454	4.587	4.994	6.023	5.209	5.803	5.702
004842	FLORIDA WATER SERVICES INC	13.400	9.338	8.553	9.599	8.882	10.325	11.455	12.172	11.256	11.290
007627	CITY OF BROOKSVILLE	2.240	1.592	1.678	1.664	1.675	1.636	1.781	1.804	1.682	1.525
	COUNTY TOTAL	21.470	15.400	14.398	15.717	15.144	16.955	19.260	19.185	18.742	18.517
HIGHLANDS COUNTY											
004492	CITY OF SEBRING	5.445	2.457	2.928	3.300	3.125	3.114	3.271	3.383	3.439	3.164
006029	CITY OF AVON PARK	2.433	1.599	1.586	1.725	1.806	1.792	1.818	1.886	1.918	2.151
	COUNTY TOTAL	7.879	4.056	4.514	5.025	4.931	4.907	5.089	5.268	5.358	5.314

Table D-1. Historical Water Withdrawal (mgd) for Public Supply Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
HILLSBOROUGH COUNTY											
000450	CITY OF TEMPLE TERRACE DEPT OF	5.098	3.657	3.569	3.496	3.526	3.529	3.617	3.786	3.602	3.758
001776	CITY OF PLANT CITY-UTILITIES	6.090	4.885	4.889	5.173	5.296	5.279	5.223	5.870	5.890	5.536
002062	CITY OF TAMPA WATER DEPARTMENT	87.000	67.097	66.668	67.227	70.032	75.150	81.898	69.722	57.583	58.882
004352	TAMPA BAY WATER A REGIONAL	24.100	19.371	18.125	18.179	19.012	19.133	21.031	22.323	23.814	23.264
006675	TAMPA BAY WATER A REGIONAL	20.000	5.734	6.626	2.622	2.237	12.106	7.928	16.846	23.271	19.228
011732	TAMPA BAY WATER A REGIONAL	6.000	.	.	.	.	.	0.016	0.013	0.000	0.866
011771	TAMPA BAY WATER A REGIONAL	158.000	.	.	.	.	.	.	153.623	165.441	151.459
011796	TAMPA BAY WATER A REGIONAL	60.000	.	.	.	.	.	.	0.000	.	.
	COUNTY TOTAL	366.288	100.743	99.877	96.697	100.103	115.198	119.712	272.183	279.601	262.993
LEVY COUNTY											
005640	CITY OF WILLISTON	1.000	0.526	0.512	0.572	0.668	0.624	0.620	0.604	0.717	0.633
	COUNTY TOTAL	1.000	0.526	0.512	0.572	0.668	0.624	0.620	0.604	0.717	0.633
MANATEE COUNTY											
005387	MANATEE CO BOCC PUBLIC WORKS DPT	34.900	34.523	27.321	24.638	24.306	23.904	27.178	29.395	30.644	29.470
006392	CITY OF BRADENTON	6.950	5.842	5.567	5.509	5.544	5.916	5.795	5.909	5.959	3.957
007345	IMC AGRICO CO & MANATEE COUNTY	1.960	.	1.875	1.626	1.747	1.772	1.057	1.429	1.916	1.484
007470	MANATEE CO PUBLIC WORKS DEPT	13.816	3.125	10.101	10.218	12.035	11.053	11.638	11.651	11.390	11.599
	COUNTY TOTAL	57.626	43.490	44.864	41.991	43.632	42.645	45.669	48.385	49.909	46.510
MARION COUNTY											
001156	ON TOP OF THE WORLD INC	5.820	1.064	0.947	1.104	1.412	1.765	2.085	2.235	1.831	1.637
002841	FLORIDA WATER SERVICES INC	1.223	0.558	0.570	0.667	0.603	0.645	0.703	0.697	0.741	0.678
004257	RAINBOW SPRINGS UTILITIES LC	1.870	0.588	0.584	0.622	0.608	0.771	0.888	0.807	0.894	0.814
007178	DEVELOPMENT & CONSTRUCTION	2.310	1.288	1.198	1.552	1.606	1.715	1.982	2.219	2.286	2.126
008481	MARION UTILITIES INC & SPRUCE	1.180	0.095	0.089	0.116	0.181	0.223	0.253	0.273	0.292	0.295
	COUNTY TOTAL	12.403	3.593	3.388	4.062	4.410	5.118	5.910	6.231	6.043	5.550
PASCO COUNTY											
000266	PASCO COUNTY UTILITIES	2.600	0.915	1.399	0.653	0.651	0.570	0.552	0.527	0.521	1.170
000590	MAD HATTER UTILITIES INC	1.000	0.351	0.268	0.155	.	0.332	0.653	0.636	0.650	0.684

Table D-1. Historical Water Withdrawal (mgd) for Public Supply Permits Greater Than 1.0 mgd.

001631	CITY OF DADE CITY	2.275	1.530	1.538	1.503	1.503	1.446	1.506	1.493	1.553	1.394
003182	ALOHA UTILITIES INC	2.040	2.035	2.025	2.065	2.375	2.524	2.590	2.778	2.843	2.846
005245	PASCO CO BOCC-UTILITIES DEPT	1.100	0.503	0.237	0.321	0.479	0.678	0.590	0.451	0.389	0.657
CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
PASCO COUNTY (CONTINUED)											
006040	CITY OF ZEPHYRHILLS	2.746	1.608	1.863	2.010	1.995	1.974	2.134	2.137	2.025	2.112
011558	PINELLAS CO UTILITIES	1.343									0.023
	COUNTY TOTAL	13.104	6.942	7.330	6.708	7.003	7.524	8.025	8.021	7.981	8.886
PINELLAS COUNTY											
000742	CITY OF TARPON SPRINGS	1.380	0.425	0.392	0.269	0.388	0.467	0.481	0.250	0.298	0.362
002980	CITY OF DUNEDIN	6.980	4.904	4.670	4.702	4.662	5.430	5.228	4.671	5.245	5.757
002981	CITY OF CLEARWATER-WATER DIV	6.250	3.250	3.705	3.665	2.993	3.332	3.138	3.039	3.066	3.027
007692	TOWN OF BELLEAIR	1.320	0.987	0.759	1.072	0.898	0.948	0.993	1.015	1.091	1.039
	COUNTY TOTAL	15.930	9.566	9.526	9.708	8.940	10.177	9.841	8.976	9.699	10.185
POLK COUNTY											
000341	CITY OF BARTOW	4.463	2.769	3.885	3.947	3.945	3.827	4.049	3.833	3.851	3.498
000645	CITY OF FORT MEADE	1.264	0.847	0.681	0.817	0.849	0.824	0.874	0.868	0.819	0.795
004279	CITY OF WINTER HAVEN	3.500	2.918	1.976	2.960	3.223	3.532	3.441	3.257	3.578	2.835
004607	CITY OF WINTER HAVEN	7.100	6.257	5.830	5.975	6.184	6.203	6.392	6.219	6.937	6.500
004658	CITY OF LAKE WALES	3.711	2.931	2.649	2.605	2.666	2.690	2.854	2.817	2.879	2.604
004912	CITY OF LAKE LAND ELECTRIC &	28.100	23.294	22.130	20.824	22.844	23.871	23.615	24.867	25.709	23.103
005750	CITY OF DAVENPORT	1.002	0.570	0.543	0.572	0.597	0.544	0.577	0.575	0.643	0.568
005870	CITY OF FROSTPROOF	1.339	1.243	1.269	1.328	1.523	1.325	1.203	1.069	1.385	1.110
006505	POLK CO UTILITIES DIVISION	5.480	1.596	1.729	1.840	1.984	2.244	2.597	2.570	2.935	2.846
006506	POLK COUNTY BOCC	2.630	1.556	1.833	1.888	1.859	1.835	1.739	1.659	2.373	2.596
006507	POLK COUNTY BOARD OF COUNTY	1.916	0.958	0.992	1.416	1.531	1.499	1.485	1.370	1.596	1.416
006509	POLK COUNTY UTILITIES DIVISION	1.338	0.973	1.261	1.402	1.870	2.164	2.598	2.979	3.786	3.786
007119	CITY OF AUBURNDALE	2.996	2.249	2.235	2.424	2.647	2.621	5.074	4.329	3.509	3.086
008522	CITY OF HAINES CITY	3.333	2.322	2.131	2.125	1.891	2.355	2.514	2.666	2.557	3.109
	COUNTY TOTAL	68.171	50.484	49.145	50.122	53.612	55.535	59.011	59.078	62.557	57.851
SARASOTA COUNTY											
002923	CITY OF NORTH PORT	2.080	2.396	0.931	0.757	1.281	0.995	1.185	1.500	0.847	1.219
004318	CITY OF SARASOTA	6.000	0.470	4.512	5.010	4.957	5.762	4.728	4.752	4.846	5.107
004836	SARASOTA CO BOCC-UTILITIES DEPT	4.434	2.492	1.513	1.935	0.983	0.002	0.000	0.000	0.000	0.000
004866	ENGLEWOOD WATER DISTRICT	5.360	2.648	2.787	2.766	2.664	2.898	2.816	3.515	2.811	2.587
005393	CITY OF VENICE	6.864	4.258	4.199	4.199	4.399	4.567	5.625	4.397	5.506	4.350
007411	SARASOTA CO BOCC-UTILITIES DEPT	2.000	1.921	1.656	0.927	0.940	0.881	1.266	0.487	1.199	1.318

Table D-1. Historical Water Withdrawal (mgd) for Public Supply Permits Greater Than 1.0 mgd.

00836	SARASOTA CO BOCC-UTILITIES DEPT	7.303	0.000	0.114	4.980	4.148	5.361	5.825	5.792	7.596	7.215
010224	CITY OF SARASOTA	6.000	6.217	5.182	4.757	4.204	4.494	4.392	4.324	5.097	4.410
011135	SARASOTA CO BOCC UTILITIES DEPT	1.489	.	.	0.026	0.031	0.002	0.001	0.001	0.002	0.001
	COUNTY TOTAL	41.530	20.402	20.966	25.357	23.608	24.962	25.839	24.767	27.903	26.206
CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
SUMTER COUNTY											
008135	CITY OF WILDWOOD	2.470	0.681	0.745	0.734	0.492	1.103	1.367	1.407	1.375	1.596
011404	LITTLE SUMTER UTILITY COMPANY	4.300	.	.	.	.	0.039	0.734	1.385	2.190	3.337
	COUNTY TOTAL	6.770	0.681	0.745	0.734	0.492	1.143	2.101	2.792	3.565	4.932
	USETYPE: PUBLIC SUPPLY	665.251	278.187	278.240	280.623	288.076	313.116	330.677	484.589	499.525	475.074

NOTE 1: 'PERMITTED' REPRESENTS THE TOTAL DAILY AVERAGE QUANTITY (MGD) PERMITTED BY THE DISTRICT IN 2001.

NOTE 2: WHEN NO PUMPAGE HAS BEEN REPORTED BY A PERMITTEE DURING THE YEAR, A "." IS SHOWN.

NOTE 3: 1999 WAS THE FIRST YEAR OF THE TAMPA BAY WATER CONSOLIDATED PERMIT NO. "011771".

Table D-1(a):

Consolidated Permit (No. 11771) Pumpage by Individual Wellfield - 1992 through 2001 (Reconstruction)

PERMIT NUMBER	WELLFIELD NAME	COUNTY	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
000003	SECTION 21	HILLSBOROUGH	8,335	9,386	7,473	9,070	9,225	8,852	10,867	10,159	8,537	9,783
000004	COSMIE-ODESSA	HILLSBOROUGH	8,577	5,006	10,542	10,932	11,017	11,048	10,618	11,037	10,770	10,861
002062	MORRIS BRIDGE	HILLSBOROUGH	10,320	4,996	7,619	4,294	4,648	12,914	12,641	11,923	13,912	14,919
006676	NORTHWEST HILLSBOROUGH	HILLSBOROUGH	8,654	9,427	8,355	8,453	8,464	8,354	8,740	9,806	10,090	10,939
003647	SOUTH PASCO	PASCO	11,583	11,364	14,919	13,433	14,769	14,888	14,188	15,635	14,377	14,283
003650	CYPRESS CREEK	PASCO	28,204	25,063	23,516	27,293	28,289	26,590	23,463	26,330	29,506	22,787
004290	CROSS BAR	PASCO	31,355	29,939	25,003	23,883	21,343	22,503	21,278	21,327	24,631	21,354
004446	STARKEY	PASCO	12,352	11,979	11,697	11,935	11,228	12,319	12,439	11,130	10,586	11,518
008426	CYPRESS BRIDGE	PASCO	1,084	1,108	1,249	1,672	7,545	7,931	7,786	8,938	10,103	10,802
010051	NORTH PASCO	PASCO	2,194	2,706	2,482	2,083	1,558	1,346	1,422	3,164	2,494	0,984
002673	ELDRIDGE-WILDE	PINELLAS	23,179	27,620	29,531	25,504	24,271	23,615	24,569	25,173	29,930	23,229
TOTALS:			145,837	138,594	142,386	138,552	142,357	150,360	148,011	153,623	164,934	151,459

Note: 1999 was the first year in which pumpage was reported for the Consolidated Permit (11771) as a whole.

Source: SWFWMD Regulatory Database, 2002

Table D-2. Historical Water Withdrawal (mgd) for Agricultural Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
CHARLOTTE COUNTY											
001019	RYALS CITRUS & CATTLE CO	1.935	0.102	0.124	0.043	0.048	0.095	0.000	0.000	0.146	0.000
002588	KELLY FARMS	1.176	0.015	0.031		0.146			0.008	0.005	
002689	EAST CHARLOTTE DRAINAGE DISTRICT	3.999	1.295	1.477	1.191	2.629	1.637	1.633	2.109	3.021	1.510
003530	AMERICAN CITRUS PRODUCTS CORP	1.489	0.809	0.553	1.072	1.107	0.727	0.868	1.590	1.571	1.068
009052	BEN HILL GRIFFIN INC	2.143	0.807	0.988	0.648	1.561	1.123	1.330	1.450	3.014	2.029
009398	TRB GROVES LLC	1.545	0.150	0.266	0.673	0.588	0.320	0.548	0.828	1.246	0.925
009476	BLUE HERON GROVES LIMITED	1.095	0.578	0.478	0.557	0.715	0.728	0.613	0.968	1.183	0.773
009648	JERRY FLINT	1.421		0.000	0.025	0.228	0.117	0.451	0.311	0.300	0.000
009926	KML CITRUS DEVELOPMENT PTNSHP	1.328	0.044	0.013	0.064	0.080	0.074	0.213	0.246	0.502	0.255
010959	WILLIAM LEWSHANE HALL	2.175				0.040	1.947				
	COUNTY TOTAL	18.307	3.800	3.929	4.273	7.143	6.769	5.656	7.510	10.988	6.559
DESO TO COUNTY											
001635	BETHEL FARMS LIMITED	2.727	0.585	0.586	0.733	0.573	1.190	1.374	2.075	2.651	1.559
002193	PHILIP W TURNER	3.790	0.255	0.077	0.139	0.339	0.261	0.367	0.262	0.814	0.294
002241	EUGENE H TURNER FAMILY	2.743	0.495	0.263	0.500	1.047	0.762	0.817	0.926	1.613	1.340
002242	PHILIP W TURNER	2.515	0.479	0.185	0.242	0.324	0.296	0.401	0.697	1.554	1.200
002386	JOSHUA WATER CONTROL DISTRICT	25.452	9.564	8.281	10.567	11.057	9.506	10.651	12.996	19.803	12.210
002452	FLORIDA POWER & LIGHT CO	8.903	0.050	0.182	0.054	0.272	0.298	0.023			
002665	PRUDENTIAL INSURANCE CO-AMERICA	1.090	0.504	0.814	0.836	0.525	0.035	0.021	0.013	0.005	2.454
002740	EUGENE H TURNER & EUGENE H	1.036	0.424	0.400	0.381	0.665	0.292	0.493	0.551	0.965	0.516
003275	ADRIAN R CHAPMAN	1.727	0.939	0.859	0.760	0.878	0.927	1.215	1.328	2.504	1.566
004589	HUDSON LAND & CATTLE LLC HUDSON	2.963	0.036	0.156	0.045	0.487	0.168	0.056	0.148	0.559	0.106
004606	JOHN HANCOCK MUTUAL LIFE INS CO	4.833	0.222	0.364	0.049	0.838	1.069	1.211	1.000	2.848	1.043
004641	ROPER GROWERS COOP LEA CAMP GRV	1.920	0.553	0.603	0.776	0.918	1.223	0.665	0.915	1.622	1.535
005060	MCCARTLTON PARTNERS LTD	3.150	0.350	0.267	0.278	0.386	0.196	0.202	0.230	0.676	0.523
005875	SOUTHERN GROVE MANAGEMENT &	1.127	0.192	0.269	0.327	0.544	0.451	0.467	0.406	0.624	0.429
006275	SUNPURE LTD	1.512	0.623	0.865	0.718	1.050	0.970	0.830	0.872	1.439	0.762
006669	PRAIRIE RIVER RANCH INC	2.323	0.977	0.647	1.068	1.663	1.510	1.974	0.655	2.712	1.932
006765	JOHN R SR & JR & VAN S LAWRENCE	2.035		0.000	0.001	0.035	0.132	0.536	0.575	1.404	1.224
006872	BOB PAUL INC	4.356	0.001	0.234	0.188	0.466	0.353	0.432	0.499	1.099	0.648
006915	JAMES D & WALTER L BREWER AND	1.457	0.509	0.945	0.457	0.178	0.574	0.778	0.399	0.633	0.407
007269	M J BORAN	1.273						0.177	0.227	0.193	0.458
007462	BRIGHT HOUR RANCH	3.633	0.528	0.631	0.108	0.540	0.983	0.382	0.766	1.376	0.833
007957	TURNER GROVES CITRUS LIMITED	5.183	1.407	1.011	1.171	1.689	1.406	1.681	2.533	4.469	3.304
008224	DAVID C BROWN FARMS INC	4.195	0.017	0.022	0.106	0.064	0.106	0.205	0.096	0.061	0.628
008480	THE PRUDENTIAL INSURANCE COMPANY	2.025	1.208	1.011	1.241	1.486	1.646	0.900	1.326	2.458	1.259
008566	EUGENE H AND PHILIP W TURNER	1.775	0.140	0.056	0.044	0.129	0.259	0.105	0.243	0.723	0.919
008985	VALENCIA GROVES LTD	4.789	1.926	1.746	1.771	2.710	2.975	2.578	2.577	4.030	1.905
009226	BEN HILL GRIFFIN INC	2.163			0.004	0.121	0.090	0.045	0.089	0.158	0.156
009478	M J BORAN	1.313	0.407	0.323	0.575	0.007	0.000	0.002	0.069	0.180	0.478
009741	CONSOLIDATED MINERALS INC &	1.470	0.220	0.273	0.339	0.438	0.372	0.560	0.792	0.793	1.192
009782	PEACE VALLEY GROVES INC	1.009	0.176	0.308	0.362	0.724	0.444	0.320	0.506	0.618	0.645
010722	ORANGE CO OF FLORIDA INC	1.174	0.079	0.182	0.340	0.595	0.476	0.633	0.767	0.663	0.611

Table D-2. Historical Water Withdrawal (mgd) for Agricultural Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
DESOTO COUNTY (CONTINUED)										
011124	V C HOLLINGSWORTH JR & B J	2.729	.	0.001	0.037	0.025	0.055	0.003	0.000	0.053
011549	PREMIERE PARTNERS INC	1.270	.	.	.	.	0.155	0.724	1.072	0.813
	COUNTY TOTAL	109.658	22.866	24.182	30.782	28.996	30.308	35.266	60.315	43.001
HARDEE COUNTY										
000785	OVERLOOK GROVES	1.787	0.845	0.455	1.026	1.035	1.234	0.990	2.128	1.611
001454	PREMIERE PARTNERS IV LP	1.561	0.000	0.013	0.000	0.022	0.005	0.000	0.030	0.851
001576	NORMAN D MALLORY AS TRUSTEE OF	1.985	0.156	0.016	0.008	0.009	0.098	0.184	0.706	0.504
001809	RONALD F & SHARON D MOYE	2.066	0.066	0.381	0.405	0.583	1.066	1.341	0.005	0.428
001912	V & W FARMS INC OF DELRAY BEACH	1.856	0.049	0.044	0.154	0.354	0.364	0.471	0.435	0.246
002467	BEN HILL GRIFFIN INC	1.096	0.174	0.154	0.025	0.179	0.179	0.363	0.859	0.000
002623	DONALD DAVIS	1.032	0.148	0.124	0.136	0.162	0.045	0.216	0.335	0.225
002875	HOLLY HILL FRUIT PRODUCTS CO INC	1.116	0.103	0.124	0.523	0.543	0.620	1.065	1.316	0.950
003258	PARKER FARMS INC & JOHN P PARIS	1.551	.	0.000	0.176	0.321	0.350	0.435	0.653	0.853
003695	3-C RANCH LTD	1.219	0.909	0.540	1.434	0.690	0.641	1.254	1.823	1.496
004091	BENTLEY-BRAHMAN RANCH INC	3.856	0.709	0.085	0.174	0.112	0.099	0.126	0.213	0.127
005942	JAMES ROLAND SKIPPER	1.169	0.096	0.078	0.833	2.406	0.640	0.687	0.353	0.264
007025	CHARLES BASS	3.730	1.263	0.375	1.814	1.268	0.997	0.936	1.872	1.425
010671	FARMLAND HYDRO LTD PARTNERSHIP	2.797	0.928	0.868	0.000	0.000	0.153	0.169	0.071	0.056
011247	3-C RANCH LTD	1.979	.	0.045	.	.	.	.	.	.
	COUNTY TOTAL	28.800	4.692	3.954	6.707	7.861	6.605	8.238	10.800	9.036
HIGHLANDS COUNTY										
004219	S Y HARTT & SON INC	1.841	0.789	0.791	1.259	1.021	1.216	1.192	1.670	1.298
004679	BEN HILL GRIFFIN INC	2.202	1.508	0.995	1.285	1.235	1.161	1.215	1.618	1.232
004680	BEN HILL GRIFFIN INC	2.223	1.350	0.700	1.176	1.009	0.974	1.108	1.483	1.109
005516	WABASSO ROAD DAIRY INC & L C	1.601	0.192	0.216	0.167	.	0.244	0.378	0.356	0.342
005638	CONSOLIDATED CITRUS LTD PARTNER-	2.235	1.061	1.004	1.821	1.823	2.355	2.210	2.504	1.378
005639	LATT MAXCY CORP	1.001	0.661	0.732	0.850	0.347	0.547	0.354	0.634	0.377
005676	LYKES BROS INC	3.121	1.178	1.930	3.478	2.671	3.275	2.111	2.352	1.647
006031	LAKE PLACID GROVES LLC	2.779	1.720	1.402	2.000	2.093	1.636	2.189	4.181	2.591
006197	TURNER GROVES CITRUS LIMITED	7.032	3.529	2.811	4.178	4.165	4.739	5.641	6.778	6.524
008442	TAUGHENS TRIANGLE T RANCH INC &	1.163	1.045	0.666	0.867	0.940	0.821	0.732	0.518	0.879
009302	LAKE PLACID GROVES LLC	2.719	2.076	1.604	2.358	1.729	2.122	1.997	3.350	1.226
	COUNTY TOTAL	27.915	15.111	12.897	19.437	17.034	19.092	19.128	25.444	18.603

Table D-2. Historical Water Withdrawal (mgd) for Agricultural Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
HILLSBOROUGH COUNTY											
000165	CORP OF PRESIDING BISHOP CHURCH	1.277	0.100	0.010	0.047	0.353	0.206	0.269	0.000	0.122	0.093
000254	MAURY L. CARTER REALTY TRUST II	1.120			0.024	0.076	0.401	0.551	0.657	0.765	0.661
000360	THOMAS BROS GRASS LTD	2.652	1.279	0.842	1.264	1.011	1.006	0.037	0.000	0.086	0.762
000503	REEDER FARMS	1.030	0.448	0.547	0.495	0.486	0.323	0.383	0.133	0.404	0.815
000555	FARMLAND RESERVE INC	1.080	0.170	0.179	0.111	0.178	0.077	0.133	0.184	0.848	0.544
000656	PROPERTY RESERVE INC	1.360	0.001	0.000	0.056	0.484	0.446	0.630	0.640	0.620	0.394
000659	FARMLAND RESERVE INC	1.380	0.425	0.394	0.474	0.242	0.248	0.355	0.480	0.581	0.376
000985	WILLIAM J REVELS III & RONALD C	2.340		0.000	0.011	0.473	1.260	2.412	1.413	1.681	1.454
001124	ARTESIAN FARMS INC	2.309	0.863	1.280	1.171	1.414	1.057	0.791	1.063	1.402	1.127
001367	TWO RIVERS RANCH INC & HICKORY	1.360		0.002	0.000	0.266	0.340	0.394	0.534	0.727	0.720
001836	E.B. ROOD	2.323	0.921	1.306	1.107	1.704	1.322	0.890	1.280	1.303	1.632
001837	FRANK DIEHL & H MILLER & SONS	1.370	0.087	0.302	0.041	0.000	0.065	0.304	0.142	0.304	0.191
001838	CARDANELL FARMS & C D CARLTON SR	1.847	0.059	0.048	0.140	0.508	0.196	0.212	0.390	1.254	0.890
001946	JOHN FALKNER & D G FARMS &	2.000	2.167	1.908	2.097	1.636	1.231	0.279	0.823	1.166	1.474
002714	GARDINIER FLORIDA CITRUS INC	1.691	0.826	0.711	0.824	1.071	0.898	1.214	1.480	1.495	0.534
003417	GOODSON FARMS INC/THOMAS HURLEY	1.680	0.849	1.366	1.511	1.358	0.698	0.450	1.152	1.681	1.386
006007	FELTON C. WALKER, JR. (FELTON C.	1.290	0.221	0.215	0.339	0.090	0.242	0.062	0.004	0.350	0.304
006203	DAVIS FARMS	1.080	0.464	0.160	0.400	0.418	0.798	0.102	0.150	0.849	0.291
006371	SUMMERFIELD FARMS INC	2.347	1.418	0.785	1.528	1.108	0.716	0.102	0.951	1.103	1.949
006803	IMC PHOSPHATES COMPANY	1.370	0.778	0.543	0.563	0.446	0.520	0.651	0.524	0.512	0.000
007591	CORP OF PRESIDING BISHOP CHURCH	1.300	0.536	0.246	0.507	0.171	0.202	0.182	0.147	0.080	0.112
008450	FARMLAND RESERVE INC	1.540	0.102	0.309	0.128	0.412	0.211	0.168	0.260	0.556	0.178
008673	FRANK DIEHL	1.890	1.248	1.129	1.041	1.226	0.683	0.481	0.260	0.288	0.457
008920	A DUDA & SONS INC &	1.860	1.111	1.111	1.213	0.534	0.000	0.430	0.872	1.552	1.218
009387	EMMA S SUMNER TRUST	1.210		0.000	0.074	0.190	0.116	0.173	0.158	0.220	0.195
009489	DOUGLAS HOLMBERG	2.017		0.589	0.649	0.677	0.671	0.523	0.576	0.632	0.482
010999	HOPEWELL LAND PARTNERS LIMITED	1.124			0.027	0.054	0.086	0.094	0.133	0.224	0.251
011181	BATISTA & EVELYN MADONIA	1.611									
011977	HILLSBOROUGH CO PARKS AND	1.285									
	COUNTY TOTAL	46.743	14.197	13.982	15.842	16.584	14.020	13.344	15.290	21.595	19.391
LEVY COUNTY											
005095	HIERS TRUST & MCCOY TRUST	2.128	0.096	0.128	0.246	0.303	0.233	2.370	0.639	0.433	0.747
005122	WHITEHURST CATTLE COMPANY AND	1.234				0.000	0.006	0.020	0.000	0.008	0.002
005160	ARTHUR M SANDLIN	1.840							0.296	0.406	0.237
010023	AURORA DAIRY FLORIDA LLC	3.270	1.925	1.931	2.047	1.625	1.543	2.302	1.955	2.004	2.079
011026	C NEAL ANDERSON	1.238								0.098	0.174
	COUNTY TOTAL	9.710	2.021	2.059	2.293	1.928	1.782	4.692	2.890	2.949	3.239

Table D-2. Historical Water Withdrawal (mgd) for Agricultural Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
MANATEE COUNTY											
002821	JERRY FLINT	1.047	0.072	0.065	0.016	0.292	0.084	0.158	0.049	0.047	1.692
002933	BRUCE E & LELAND S SHACKELFORD	1.574	0.573	0.826	0.619	0.532	0.819	0.616	1.327	1.041	1.269
003837	THOMAS FALKNER	3.002	0.505	0.840	1.244	1.031	0.674	0.512	1.287	0.688	1.503
003847	L3 PARTNERSHIP DBA L3 FARMS	8.694	4.105	3.311	2.913	2.605	2.398	2.613	5.699	5.164	5.425
003848	DIMARE HOMESTEAD INC	5.143	0.110	0.581	1.917	2.732	1.991	2.759	3.245	3.191	3.858
003975	JOHN FALKNER	2.219	0.106	0.093	0.068	0.970	1.005	0.803	1.090	1.148	1.593
004049	SORRELLS GROVES INC	1.322	0.784	0.627	0.968	0.744	0.983	0.924	1.878	1.340	1.509
004309	PURSLEY INC	2.000	0.279	0.207	0.220	0.256	0.299	0.136	0.366	0.579	0.419
004412	PACIFIC LAND LIMITED	4.250	1.554	1.114	1.144	1.504	1.159	1.384	1.812	0.334	1.459
004443	HARBORVEST LLC	3.408	0.357	0.481	0.510	0.729	0.634	0.389	0.244	0.726	0.000
004447	BATISTA & EVELYN MADONIA	1.354	0.557	0.909	0.261	0.000	0.112	0.570	0.329	0.726	0.038
004453	PAUL HUNSADER	1.419	0.217	0.136	0.416	0.083	0.434	0.001	0.000	0.000	8.905
004467	JOHN FALKNER	11.600	6.626	7.245	7.240	5.711	8.183	8.438	8.919	7.349	1.235
004518	HECHT PROPERTIES LIMITED	3.698	3.737	3.556	4.687	5.821	4.294	3.610	2.410	1.360	0.654
004789	ROBERT HUNSADER & HUNSADER BROS	1.747	0.567	0.572	0.704	0.501	0.531	0.507	0.709	0.454	0.654
005309	REEDER RANCH & DAIRY INC	1.301	0.403	0.332	0.288	0.361	0.550	0.493	0.574	0.727	1.208
005423	FLORIDA POWER & LIGHT COMPANY	2.007	1.287	1.743	1.798	1.664	1.446	1.949	0.683	1.239	0.000
005458	MANATEE FRUIT COMPANY	1.124	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.323
005461	MANATEE FRUIT COMPANY	2.600	0.226	0.160	0.272	0.572	0.734	1.254	0.188	0.390	0.270
005512	D C TURNER JR	2.269	0.000	0.421	0.459	0.572	0.497	0.664	0.650	0.303	1.775
005514	MCCLURE PROPERTIES LIMITED	7.975	0.000	0.404	1.123	2.536	2.497	2.364	2.552	2.754	0.493
005592	MANATEE RIVER LAND PARTNERSHIP &	1.264	0.680	0.638	0.541	0.463	0.192	0.526	0.247	0.674	0.535
006077	CRYSTAL ADVISORS CORPORATION	3.404	1.269	1.050	0.837	1.218	1.210	2.626	1.329	0.913	1.021
006667	HEART GROVES INC	1.124	0.906	0.764	0.763	1.499	0.934	0.773	1.066	1.387	1.574
007085	TURNER GROVES CITRUS LIMITED	1.914	2.020	1.534	1.045	1.603	1.177	1.215	1.258	2.009	1.021
007235	GAMBLE CREEK LC	2.402	0.587	0.160	0.577	0.645	0.161	0.385	1.019	1.240	0.931
007350	FELTON C WALKER JR FARMS	1.850	1.181	0.951	0.528	1.016	0.844	1.037	1.246	1.177	1.271
007502	J M CINCOTTA RANCH	1.097			0.239	0.211	0.000	0.126	0.248	0.272	0.286
007631	MCCLURE PROPERTIES LIMITED	1.577	0.386	0.642	0.171	0.022	0.165	0.162	0.043	0.000	0.000
007724	SCHROEDER R POCHETZ TRUST	1.211	0.044	0.058	0.301	0.272	0.295	0.447	0.722	0.740	1.298
007846	SCHEIDER MANATEE RANCH INC	15.285	2.462	2.718	3.043	3.306	3.362	4.230	5.143	5.766	5.292
008187	SARAY INC	1.787	0.282	0.017	0.245	0.142	0.410	0.020	0.061	1.048	1.097
008420	JAMES R GRAINGER II	1.277		0.309	0.565	0.764	0.669	0.805	0.942	0.683	1.597
008421	4 STAR TOMATO INC	1.697	0.752	1.139	1.017	0.430	1.035	0.544	0.721	0.803	0.713
008829	WHISENANT SHORES INC	1.449	0.638	0.587	0.545	0.629	0.681	0.631	0.762	2.833	2.572
009014	GOOD GROVE	2.619	1.239	1.037	1.418	1.869	1.398	1.011	0.679	1.083	1.088
009025	JOHN FALKNER	1.524	0.688	1.046	0.971	0.832	0.490	0.553	1.600	1.880	1.553
009089	FLORIDA FARM DEVELOPMENT	2.933	0.602	1.171	0.708	0.983	1.008	1.595	3.067	3.197	1.755
009391	WEST FLORIDA AGRO LIMITED	3.551	1.679	2.037	1.871	0.000	1.619	2.654			
009400	RUSS PUTNAL	1.248									
009817	RUTLAND RANCH FARMS INC	8.397	5.702	6.595	5.678	4.501	3.627	4.381	8.130	3.166	0.492
010487	4 STAR TOMATO INC	1.595	0.425	0.526	0.486	0.316	1.168	0.546	0.909	1.524	1.579
010599	JOHN & CHRISTOPHER FALKNER	1.735		0.415	1.373	0.693	0.906	0.706	1.279	1.145	1.603

Table D-2. Historical Water Withdrawal (mgd) for Agricultural Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
010800	BATISTA SR & EVELYN MADONIA	2.569	0.231	0.126	0.528	0.674	0.230	0.234	1.231	1.632	0.592
011019	TAYLOR & FULLTON INC	2.400	.	0.319	0.401	0.485	0.398	0.353	0.503	0.592	0.791
011105	WEST FLORIDA AGRO LIMITED FARM	3.771	.	0.000	1.468	1.854	2.263	2.790	3.227	3.074	2.691
011123	CLAY GULLY RANCH LLC	2.425	.	0.000	0.000	.	.	.	.	.	0.000
MANATEE COUNTY (CONTINUED)											
011125	EDWARD G MAGGARD	2.501	.	0.000	0.000	0.000	0.000	0.000	0.000	1.330	0.678
011287	STEPHEN CERVEN	1.063	.	.	.	0.341	0.505	0.367	0.735	0.545	0.462
011427	PETER OLD	1.561	.	.	.	0.462	1.081	0.379	0.293	0.442	0.343
011672	CARLIN RANCH INC	1.653	.	.	.	.	.	0.426	0.549	0.815	0.701
011700	JOHN FALKNER	2.000	.	.	.	.	.	.	.	0.000	0.000
011922	JONES POTATO FARM INC	1.479	.	.	.	.	.	.	.	0.168	0.268
011961	PACIFIC TOMATO GROWERS LIMITED	4.000	.	.	.	.	.	.	.	0.396	0.981
011963	SCF FARMS INC	3.080	.	.	.	.	.	.	.	0.198	0.592
012018	MCCLURE PROPERTIES LIMITED	1.000	.	.	.	.	.	.	.	.	0.000
012133	LIPMAN & LIPMAN INC & W S	1.776	.	.	.	.	.	.	.	.	0.142
	COUNTY TOTAL	161.967	43.839	47.464	52.185	56.559	55.367	60.289	71.602	71.378	68.798
MARION COUNTY											
005424	J CRAYTON PRUITT	3.347	0.145	.	.	0.058	.	0.000	0.000	0.041	0.035
	COUNTY TOTAL	3.347	0.145	.	.	0.058	.	0.000	0.000	0.041	0.035
PASCO COUNTY											
002479	WIREGRASS RANCH INC	2.801	0.181	0.141	0.188	0.170	0.177	0.173	0.292	0.422	0.310
003391	EVANS PROPERTIES INC	1.044	0.752	0.575	0.647	0.471	0.360	0.460	0.631	1.649	0.583
003468	SC BEXLEY JR, JP BEXLEY, BEXLEY	3.324	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
006431	J CRAYTON PRUITT TRUSTEE	1.230	.	.	.	0.000	0.000	0.000	0.000	0.000	.
	COUNTY TOTAL	8.399	0.933	0.715	0.835	0.641	0.538	0.632	0.923	2.071	0.893
POLK COUNTY											
000097	ADAMS GROVES INC & GAPWAY-STRANG	1.372	0.958	0.750	0.595	1.031	0.850	0.995	0.744	1.506	1.079
000143	MOUNTAIN LAKE CORP	4.426	2.375	1.958	1.223	1.182	1.310	1.119	2.544	4.000	2.940
002715	CARGILL FERTILIZER INC	8.403	0.897	0.825	0.430	0.746	0.412	0.585	0.495	1.491	2.466
003842	SUN GROWN CITRUS LP	1.681	0.706	0.561	0.754	0.899	0.783	1.141	0.981	1.256	1.567
004376	U & H CARETAKING INC & CITROSUCO	4.752	3.267	2.071	1.875	2.585	2.191	3.986	3.324	3.131	3.507
004559	BEN HILL GRIFFIN INC	1.701	0.939	0.808	0.779	1.001	0.968	0.913	0.996	1.472	0.916
004811	U&H CARETAKING INC	1.027	0.639	0.392	0.343	0.454	0.367	0.675	0.590	0.587	0.618
006026	LYKES BROS INC	1.655	0.671	0.703	0.862	1.199	1.145	1.280	1.087	1.540	0.985

Table D-2. Historical Water Withdrawal (mgd) for Agricultural Permits Greater Than 1.0 mgd.

006068	ROLLING MEADOW RANCH INC	2.150	1.011	0.916	1.171	1.201	1.608	1.290	1.229	1.363	1.778
006306	MARTIN E. HIGGENBOTHAM	1.160	0.007	.	.	.	.	.	.	.	.
	COUNTY TOTAL	28.327	11.470	8.984	8.032	10.299	9.633	11.983	11.991	16.348	15.855

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
SARASOTA COUNTY											
003755	MABRY CARLTON RANCH INC	7.335	0.248	0.237	0.288	0.281	0.198	0.249	0.135	0.515	0.549
003764	LONGINO RANCH INC	1.668	0.130	0.002	0.065	0.116	0.078	0.152	0.203	0.400	0.033
003845	JERRY FLINT & CECIL DAUGHTREY JR	2.036	0.032	0.023	0.117	0.101	0.072	0.002	0.000	0.000	0.046
003872	TAYLOR RANCH INC	6.843	.	.	0.000	0.351	0.225	0.432	0.507	0.476	0.125
003873	SCHWARTZ FARMS INC	2.190	0.459	0.358	0.507	0.333	0.635	0.288	0.577	1.343	1.680
004087	L T RANCH INC	1.311	0.000	0.000	0.000	0.000	.	0.137	0.188	0.122	0.110
004387	HI HAT CATTLE & GROVES A FLORIDA	6.071	0.069	0.000	0.086	0.038	0.017	0.057	0.000	.	.
008336	MYAKKA RANCH LLC	1.083	.	0.000	0.170	0.203	0.452	0.413	0.275	0.450	0.114
009361	ALBRITTON GROVES INC	1.087	0.355	0.367	0.347	0.558	0.455	0.669	0.820	0.843	0.710
	COUNTY TOTAL	29.623	1.293	0.988	1.580	1.981	2.133	2.399	2.705	4.148	3.367

USETYPE: AGRICULTURE	472.795	120.367	116.885	125.203	152.119	144.132	155.000	175.543	226.078	188.776
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NOTE 1: 'PERMITTED' REPRESENTS THE TOTAL DAILY AVERAGE QUANTITY (MGD) PERMITTED BY THE DISTRICT IN 2001.
 NOTE 2: WHEN NO PUMPAGE HAS BEEN REPORTED BY A PERMITTEE DURING THE YEAR, A * IS SHOWN.

Table D-3. Historical Water Withdrawal (mgd) for Mining/Dewatering Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
<u>CITRUS COUNTY</u>											
000199	FLORIDA ROCK INDUSTRIES INC	6.155	3.387	4.087	4.885	4.632	5.460	4.359	5.914	5.055	3.171
000359	CITRUS RECREATIONAL MARINA, INC.	2.000	0.000	0.000	0.000	.	.	.	.	.	.
	COUNTY TOTAL	8.155	3.387	4.087	4.885	4.632	5.460	4.359	5.914	5.055	3.171
<u>DESO TO COUNTY</u>											
010905	GEORGE COLEMAN & ADRIAN R	1.197	.	0.000	0.000	.	.	.	.	.	.
	COUNTY TOTAL	1.197	.	0.000	0.000	.	.	.	.	.	.
<u>HARDEE COUNTY</u>											
002297	CARGILL FERTILIZER INC	17.864	3.981	5.528	3.180	4.624	0.567	1.062	0.005	0.383	1.421
003669	CF INDUSTRIES INC	7.605	0.008	0.000	2.767	6.820	2.084	0.265	3.890	5.784	2.896
	COUNTY TOTAL	25.469	3.989	5.529	5.947	11.444	2.652	1.327	3.895	6.167	4.317
<u>HERNANDO COUNTY</u>											
000215	CSR RINKER & FLORIDA CRUSHED	6.786	4.258	3.514	2.886	1.516	6.248	3.392	6.034	3.829	4.050
001929	OMAN CONSTRUCTION COMPANY	7.000	1.110	0.000	0.000	.	.	.	.	.	.
002288	VULCAN/ICA DISTRIBUTION CO &	6.680	3.272	5.069	5.303	3.271	3.460	3.646	5.110	4.800	4.352
	COUNTY TOTAL	20.466	8.641	8.583	8.189	4.787	9.708	7.038	11.144	8.629	8.403
<u>MANATEE COUNTY</u>											
003740	NU-GULF INDUSTRIES INC	6.410	0.088	0.022	0.138	0.156	0.168	1.594	4.755	0.287	0.063
008811	SMR AGGREGATES INC & SCHRODER-	1.000	.	0.021	0.054	0.223	0.403	0.484	0.810	0.519	0.390
	COUNTY TOTAL	7.410	0.088	0.043	0.192	0.378	0.571	2.078	5.565	0.806	0.453
<u>PASCO COUNTY</u>											
004826	PLAZA MATERIALS CORPORATION	3.862	8.081	12.743	11.092	10.824	8.133	3.055	0.000	0.000	0.101
	COUNTY TOTAL	3.862	8.081	12.743	11.092	10.824	8.133	3.055	0.000	0.000	0.101

Table D-3. Historical Water Withdrawal (mgd) for Mining/Dewatering Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
<u>POLK COUNTY</u>											
000029	CARGILL FERTILIZER INC	11.486	5.059	7.736	5.490	3.787	5.116	5.135	3.523	4.952	4.664
002317	AGRIFOS LLC	6.397	0.392	0.260	0.781	2.785	3.896	3.825	3.737	2.749	0.019
002318	GLAWSON INVESTMENTS CORP	1.360	0.012	0.012	0.010	0.005	0.000	0.000	0.000		
004857	CSR RINKER MATERIALS AND	7.960	6.583	5.333	5.714	5.304	7.514	7.488	8.897	4.628	1.666
011400	IMC PHOSPHATES COMPANY	52.000				9.355	35.568	34.601	28.849	41.153	35.294
	COUNTY TOTAL	79.203	12.047	13.342	11.994	21.236	52.094	51.049	45.007	53.483	41.642
<u>SARASOTA COUNTY</u>											
008817	SMR AGGREGATES INC	1.284	1.391	1.900	3.462	1.225	0.754	0.307	0.954	0.147	0.256
	COUNTY TOTAL	1.284	1.391	1.900	3.462	1.225	0.754	0.307	0.954	0.147	0.256
<u>SUMTER COUNTY</u>											
000213	FLORIDA CRUSHED STONE COMPANY	33.167	8.514	8.688	9.481	10.858	12.017	14.275	6.675	2.819	4.557
001334	DIXIE LIME AND STONE COMPANY	12.203	24.642	17.985	28.997	0.331	1.239	1.602	10.774	2.163	10.761
008891	FLORIDA CRUSHED STONE CO & FAYE	5.257	19.514	9.021	14.807	15.751	11.356	19.447	16.001	11.975	
	COUNTY TOTAL	50.627	52.669	35.693	53.284	26.940	24.611	35.323	33.450	16.957	15.317
USETYPE: MINING/DEWATERING		197.673	90.294	81.920	99.045	81.467	103.985	104.537	105.929	91.245	73.559

NOTE 1: 'PERMITTED' REPRESENTS THE TOTAL DAILY AVERAGE QUANTITY (MGD) PERMITTED BY THE DISTRICT IN 2001.

NOTE 2: WHEN NO PUMPAGE HAS BEEN REPORTED BY A PERMITTEE DURING THE YEAR, A * IS SHOWN.

Table D-4. Historical Water Withdrawal (mgd) for Industrial/Commercial Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
<u>CITRUS COUNTY</u>											
004695	FLORIDA POWER CORPORATION	1.000	0.723	0.710	0.728	0.750	0.644	0.778	0.723	0.682	0.629
	COUNTY TOTAL	1.000	0.723	0.710	0.728	0.750	0.644	0.778	0.723	0.682	0.629
<u>HARDEE COUNTY</u>											
011122	SEMINOLE ELECTRIC COOPERATIVE,	3.800									0.086
	COUNTY TOTAL	3.800									0.086
<u>HERNANDO COUNTY</u>											
002286	CEMEX	2.890	2.302	2.097	2.431	2.499	2.490	2.808	3.211	2.578	2.433
007015	FLORIDA CRUSHED STONE COMPANY	20.080	3.982	4.383	3.338	4.307	6.084	5.233	5.533	3.365	7.780
	COUNTY TOTAL	22.970	6.283	6.480	5.769	6.805	8.574	8.041	8.744	5.943	10.212
<u>HILLSBOROUGH COUNTY</u>											
001415	CF INDUSTRIES, INC.	4.051	5.185	5.101	5.105	4.446	3.362	2.220	2.014	1.770	2.118
001532	CARGILL FERTILIZER INC	5.985	0.197	0.025	0.006	0.026	0.387	0.179	0.244	0.287	2.592
001960	UNIVERSITY OF SOUTH FLORIDA	2.374	1.265	1.469	1.397	1.777	1.644	1.711	1.544	1.448	1.562
003050	IMC PHOSPHATES COMPANY	3.400	3.299	2.838	2.862	2.880	2.545	2.467	2.715	2.763	2.564
003118	CRYSTALS INTERNATIONAL INC	3.470	1.843	1.757	2.810	1.681	1.208	1.270	1.352	1.185	1.050
	COUNTY TOTAL	19.280	11.789	11.189	12.179	10.811	9.146	7.846	7.868	7.453	9.885
<u>MANATEE COUNTY</u>											
009311	PINEY POINT PHOSPHATES INC	1.500	0.006	0.000	0.000	0.003	0.027	0.418	0.090	0.000	0.066
010690	F BROWNE GREGG-CPV GULFCOAST LTD	1.537									0.000
	COUNTY TOTAL	3.037	0.006	0.000	0.000	0.003	0.027	0.418	0.090	0.000	0.066
<u>PASCO COUNTY</u>											
000451	PASCO BEVERAGE COMPANY	15.493	10.191	10.978	8.308	7.211	7.119	7.009	6.168	3.565	2.046
	COUNTY TOTAL	15.493	10.191	10.978	8.308	7.211	7.119	7.009	6.168	3.565	2.046

Table D-4. Historical Water Withdrawal (mgd) for Industrial/Commercial Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
POLK COUNTY											
000047	CITY OF LAKELAND	3.020	1.827	0.927	1.063	1.035	1.486	1.204	1.454	1.375	1.632
000295	CITY OF LAKELAND ELEC & WATER	1.422	73.050	10.093	0.774	0.789	0.757	1.016	1.274	1.155	0.785
000408	CITRUS WORLD INC	2.137	1.306	1.387	1.326	1.248	1.625	1.599	1.660	2.158	1.840
000438	US AGRI-CHEMICALS	9.673	5.982	5.807	7.026	5.817	6.255	5.910	5.449	5.943	4.421
000493	CUTRALE CITRUS JUICES USA INC	3.500	3.291	0.995	0.765	0.976	1.113	1.136	0.990	1.572	1.265
000610	CF INDUSTRIES INC	3.303	0.404	0.174	0.664	1.393	1.529	1.622	1.824	1.175	1.323
001539	FARMLAND HYDRO LTD PARTNERSHIP	5.500	5.192	5.236	5.133	4.671	4.423	4.478	4.094	4.444	4.427
002224	CARGILL FERTILIZER INC	5.200	3.506	3.544	4.453	3.928	4.089	7.606	3.806	4.088	4.528
003195	MULBERRY PHOSPHATES INC	1.991	1.157	1.485	1.367	1.476	1.448	1.425	1.400	0.074	0.071
005798	PUBLIX SUPER MARKETS INC	1.449	0.761	0.815	0.836	0.778	0.768	0.761	0.618	0.633	0.681
010347	FLA DISTILLERS CO & TOD HUNTER	1.000	1.397	1.217	0.945	0.843	0.734	0.614	0.370	0.272	0.363
010555	FLORIDA DISTILLERS COMPANY	1.082	0.901	0.901	0.809	0.676	0.889	0.798	0.839	0.712	0.542
010604	AUBURNDALE POWER PARTNERS	1.326	.	0.595	0.970	0.921	0.943	0.975	0.958	0.976	0.992
010631	WHEELABRATOR RIDGE ENERGY AND	1.340	0.006	0.332	0.472	0.496	0.517	0.513	0.459	0.432	0.464
010840	FLORIDA POWER CORP & US AGRI	1.682	.	0.129	0.795	0.647	0.376	0.505	0.839	0.946	0.998
011747	TAMPA ELECTRIC CO	6.400	.	.	.	0.739	1.217	0.278	2.785	2.319	2.391
COUNTY TOTAL		50.026	98.780	33.636	27.398	26.432	28.169	30.440	28.822	28.276	26.723
USETYPE: INDUSTRIAL/COMMERCIAL		115.606	127.772	62.993	54.383	52.012	53.679	54.533	52.414	45.920	49.647

NOTE 1: 'PERMITTED' REPRESENTS THE TOTAL DAILY AVERAGE QUANTITY (MGD) PERMITTED BY THE DISTRICT IN 2001.

NOTE 2: WHEN NO PUMPAGE HAS BEEN REPORTED BY A PERMITTEE DURING THE YEAR, A " ." IS SHOWN.

Table D-5. Historical Water Withdrawal (mgd) for Recreational/Aesthetic Permits Greater Than 1.0 mgd.

CUPN	PERMITTEE NAME	PERMITTED	Y1993	Y1994	Y1995	Y1996	Y1997	Y1998	Y1999	Y2000	Y2001
<u>CITRUS COUNTY</u>											
008785	BLACK DIAMOND PROPERTIES INC	1.270	1.424	1.350	1.257	1.348	2.310	2.193	1.561	0.521	0.126
	COUNTY TOTAL	1.270	1.424	1.350	1.257	1.348	2.310	2.193	1.561	0.521	0.126
<u>HIGHLANDS COUNTY</u>											
004708	SUN'N LAKE OF SEBRING	1.057	0.591	0.755	0.774	0.777	0.708	0.966	1.081	1.055	1.149
	COUNTY TOTAL	1.057	0.591	0.755	0.774	0.777	0.708	0.966	1.081	1.055	1.149
<u>HILLSBOROUGH COUNTY</u>											
002320	BUSCH ENTERTAINMENT CORPORATION	1.810	1.619	1.214	1.571	2.121	1.791	1.823	1.560	1.159	1.096
006092	FLORIDA DESIGN COMMUNITIES INC	2.982	1.516	0.837	1.417	1.881	2.459	3.459	1.675	1.996	1.812
	COUNTY TOTAL	4.792	3.135	2.051	2.988	4.001	4.250	5.282	3.235	3.155	2.908
<u>PINELLAS COUNTY</u>											
007437	EAST LAKE WOODLANDS LIMITED	1.000	0.676	0.578	0.571	0.531	0.457	0.574	1.436	0.945	
	COUNTY TOTAL	1.000	0.676	0.578	0.571	0.531	0.457	0.574	1.436	0.945	
<u>POLK COUNTY</u>											
005251	SPORTS SHINKO (FLORIDA) CO LTD	1.368	2.930	2.407	2.042	2.091	1.562	1.890	1.948	1.749	0.991
	COUNTY TOTAL	1.368	2.930	2.407	2.042	2.091	1.562	1.890	1.948	1.749	0.991
<u>SARASOTA COUNTY</u>											
006364	PLANTATION MANAGEMENT ASSOC	1.502	0.759	0.709	0.561	0.655	0.727	0.579	0.563	0.499	0.465
009517	LAUREL OAK COUNTRY CLUB	1.018	0.388	0.391	0.298	0.430	0.428	0.569	0.618	0.399	0.508
	COUNTY TOTAL	2.520	1.146	1.100	0.859	1.085	1.155	1.148	1.181	0.899	0.973
<u>SUMTER COUNTY</u>											
003206	THE VILLAGES OF LAKE SUMTER INC	1.345		0.012	0.650	0.606	0.757	0.716	0.848	1.822	0.749
	COUNTY TOTAL	1.345		0.012	0.650	0.606	0.757	0.716	0.848	1.822	0.749
	USATYPE: RECREATIONAL/AESTHETIC	13.351	9.902	8.252	9.140	10.440	11.199	12.768	11.290	10.145	6.896

NOTE 1: 'PERMITTED' REPRESENTS THE TOTAL DAILY AVERAGE QUANTITY (MGD) PERMITTED BY THE DISTRICT IN 2001.
NOTE 2: WHEN NO PUMPAGE HAS BEEN REPORTED BY A PERMITTEE DURING THE YEAR, A " " IS SHOWN.

Table D-6. Public Supply Per Capita Water Use: a Ten-Year Comparison.

COUNTY OF USE	PERMIT NUMBER(S)	SERVICE POP. (2001)	UNADJUSTED GROSS PER CAPITA WATER USE (gpcd)									
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CHARLOTTE	718 GASPARILLA ISLAND WATER ASSN INC	3,739	266	N/A	N/A	293	277	275	283	292	270	254
CHARLOTTE	871 PUNTA GORDA, CITY OF	27,758	153	142	139	130	135	123	124	132	139	143
CHARLOTTE	1512 CHARLOTTE HARBOR WATER ASSOC INC	4,761	39	73	82	78	94	77	107	82	80	115
CHARLOTTE	2839 ROTONDA WEST UTILITY CORP	7,817	98	152	89	96	98	91	92	71	64	64
CHARLOTTE	3522 FL WATER SERVICES / BURNT STORE	3,194	N/A	187	278	118	149	80	238	206	248	87
CHARLOTTE	10420 PRMRWSA / PT CHARLOTTE PORTION	68,714	174	96	98	104	111	102	109	108	114	113
CITRUS	207 CRYSTAL RIVER, CITY OF	3,555	N/A	224	209	168	177	183	192	179	204	172
CITRUS	419 INVERNESS, CITY OF	9,826	171	186	176	176	152	169	130	128	112	109
CITRUS	2842 FL WATER SERVICES / CITRUS SPRINGS	8,072	237	255	136	150	161	177	222	219	242	198
CITRUS	4153 ROLLING OAKS UTILITIES, INC.	11,439	192	205	161	172	227	222	222	210	203	181
CITRUS	4406 HOMOSASSA SPECIAL WATER DISTRICT	4,422	179	221	182	179	186	162	166	155	152	154
CITRUS	7121 WITHLACOOCHEE RWSA / MEADOWCREST	16,943	629	N/A	N/A	153	201	216	254	307	261	229
CITRUS	9791 FL WATER SERVICES / SUGARMILL	6,879	452	375	166	215	241	267	327	335	343	234
DESOTO	4725 ARCADIA, CITY OF	7,357	95	106	104	142	149	127	130	125	126	126
HARDEE	4461 WAUCHULA, CITY OF	5,735	173	166	120	158	146	162	175	146	142	131
HERNANDO	2983 HERNANDO CO. WATER & SEWER (1)	44,433	156	164	139	153	145	161	167	141	154	150
HERNANDO	4842 FL WATER SERVICES / SPRING HILL UTIL.	61,606	189	191	165	154	163	176	181	188	201	173
HERNANDO	7627 BROOKSVILLE, CITY OF	11,913	161	160	161	155	158	152	160	157	143	128
HIGHLANDS	4492 SEBRING, CITY OF	27,923	131	142	131	137	119	116	121	123	123	114
HIGHLANDS	4708 SUN'N LAKE OF SEBRING IMPR.	4,896	239	203	221	232	274	175	127	97	99	97
HIGHLANDS	5270 LAKE PLACID, TOWN OF	4,160	210	223	168	155	135	137	138	131	135	111
HIGHLANDS	6029 AVON PARK, CITY OF	14,393	150	128	125	111	114	142	144	113	119	149

Table D-6. (Continued) Public Supply Per Capita Water Use: a Ten-Year Comparison.

COUNTY OF USE	PERMIT PERMIT NUMBER/NAME(S)	SERVICE POP. (2001)	UNADJUSTED GROSS PER CAPITA WATER USE (gpcd)									
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
HILLSBOROUGH	450 TEMPLE TERRACE, CITY OF, DEPT.	29,550	151	138	127	131	129	124	120	115	120	119
HILLSBOROUGH	1776 PLANT CITY, CITY OF	33,786	184	187	185	202	171	171	171	178	178	167
HILLSBOROUGH	2062 TAMPA, CITY OF / M BRIDGE & RIVER	521,458	161	165	166	150	149	152	139	176	190	139
HILLSBOROUGH	2840 FL WATER SERVICES / SEABOARD	7,028	78	114	95	102	96	103	101	97	103	96
HILLSBOROUGH	4352 TPA BAY WATER / S. CENTRAL HILLS.	202,633	138	133	118	111	112	110	106	120	117	116
HILLSBOROUGH	5886 FLA GOVT UTIL AUTH - CARROLLWOOD	2,956	120	104	150	170	163	171	163	179	180	160
HILLSBOROUGH	6676 TPA BAY WATER / NW HILLSBOROUGH	149,229	120	108	123	154	110	109	105	122	116	115
LEVY	5640 WILLISTON, CITY OF	2,982	213	239	220	221	238	240	228	209	249	212
MANATEE	N/A PALMETTO, CITY OF	11,333	107	120	126	126	127	127	139	135	126	125
MANATEE	5387 MANATEE COUNTY DEPT. OF PUBLIC	215,124	132	121	131	128	126	126	128	136	135	133
MANATEE	6392 BRADENTON, CITY OF	48,733	129	130	118	119	116	116	117	117	112	90
MANATEE	10963 LONGBOAT KEY, TOWN OF	16,664	297	396	418	236	238	238	237	159	162	145
MARION	1156 ON TOP OF THE WORLD INC.	4,939	719	287	248	272	333	399	444	454	371	358
MARION	2841 FL WATER SERVICES / MARION OAKS UTIL.	7,297	113	129	95	89	87	96	102	97	121	99
MARION	7178 DECCA / OAK RUN	6,076	272	345	251	248	378	274	313	351	363	294
PASCO	266 PASCO COUNTY UTILITIES / WEST SYSTEM	134,101	117	112	96	102	98	125	118	116	112	123
PASCO	1631 DADE CITY, CITY OF	12,315	97	103	101	96	127	122	132	128	129	113
PASCO	3182 ALOHA UTILITIES / SEVEN SPRINGS	23,700	186	139	137	127	138	121	115	128	129	126
PASCO	3692 PORT RICHEY, CITY OF	8,368	83	95	110	99	104	111	104	121	103	112
PASCO	4869 HUDSON WATER WORKS INC.	6,258	145	102	101	100	101	105	85	90	103	100
PASCO	4734 NEW PORT RICHEY, CITY OF	29,744	134	137	137	132	116	122	119	123	114	107
PASCO	6040 ZEPHYRHILLS, CITY OF	19,874	139	111	113	141	111	115	123	114	98	108
PINELLAS	742 TARPON SPRINGS, CITY OF	20,949	142	118	114	123	137	122	124	162	162	165
PINELLAS	2673 TPA BAY WATER / ELDRIDGE-WILDE	375,076	136	128	136	130	111*	111	129	136	136	149
PINELLAS	2980 DUNEDIN, CITY OF	37,673	138	117	110	110	107	118	104	104	105	100
PINELLAS	2981 CLEARWATER, CITY OF	147,540	138	125	128	125	127	105	101	102	99	97
PINELLAS	3647 TPA BAY WATER / ST. PETERSBURG, CITY OF	287,548	120	110	113	107	134	107	110	109	107	104
PINELLAS	7692 BELLEAIR, TOWN OF	5,299	202	184	174	186	167	223	180	189	185	188
PINELLAS	10783 PINELLAS PARK	77,175	93	94	92	92	93	94	69	69	68	68
PINELLAS	11218 OLDSMAR	13,510	114	118	119	114	123	117	99	106	106	101
PINELLAS	11245 SAFETY HARBOR	16,208	139	133	123	144	117	121	126	126	141	141

Table D-6. (Continued) Public Supply Per Capita Water Use: a Ten-Year Comparison.

COUNTY OF USE	PERMIT NUMBER(S)	SERVICE POP. (2000)	UNADJUSTED GROSS PER CAPITA WATER USE (gpcd)									
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
POLK	341 BARTOW, CITY OF	16,911	179	185	212	222	220	238	249	231	236	207
POLK	645 FORT MEADE, CITY OF	7,476	150	151	123	172	108	120	123	122	123	106
POLK	4279 WINTER HAVEN - GARDEN GROVE	19,145	211	227	228	148	142	200	189	171	196	148
POLK	4607 WINTER HAVEN, CITY OF	43,513	126	123	132	135	137	148	140	131	163	155
POLK	4658 LAKE WALES, CITY OF	19,260	178	168	168	154	146	152	158	154	153	135
POLK	4912 LAKE LAND, CITY OF	113,928	156	168	146	138	150	156	230	223	230	207
POLK	5251 SPORTS SHINKO (FLORIDA) / GRENELEFE	3,536	N/A	N/A	491	1062	1065	525	678	627	527	275
POLK	5750 DAVENPORT, CITY OF	4,067	233	226	202	159	161	140	155	148	163	140
POLK	5870 FROSTPROOF, CITY OF	3,684	464	416	411	424	417	358	335	309	371	301
POLK	5893 DUNDEE, TOWN OF	4,194	135	129	135	140	148	155	171	182	149	114
POLK	6124 MULBERRY, CITY OF	3,409	185	151	121	134	180	142	137	190	157	141
POLK	6505 POLK CO./NORTHWEST REGIONAL (2)	22,902	148	132	202	121	158	167	158	154	138	142
POLK	6506 POLK CO./SOUTHWEST REGIONAL	22,895	149	142	N/A	N/A	N/A	N/A	N/A	N/A	138	143
POLK	6507 POLK CO./CENTRAL REGIONAL	10,529	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	151	134
POLK	6508 POLK CO./SOUTHEAST REGIONAL	4,445	150	223	N/A	N/A	N/A	N/A	N/A	N/A	120	123
POLK	6509 POLK CO./NORTHEAST REGIONAL	20,298	150	251	N/A	N/A	N/A	N/A	N/A	N/A	229	228
POLK	6624 LAKE ALFRED, CITY OF	4,638	160	138	133	158	172	163	157	140	143	141
POLK	7119 AUBURNDALE, CITY OF	20,862	143	143	133	143	160	162	120	153	180	148
POLK	8522 HAINES CITY, CITY OF	16,103	185	207	174	176	132	175	210	185	184	177
SARASOTA	2923 NORTHPORT, CITY OF	26,562	239	339	195	189	164	119	70	85	67	61
SARASOTA	4318 SARASOTA, CITY OF	68,947	128	126	113	117	122	122	133	117	109	104
SARASOTA	4868 ENGLEWOOD WATER DIST.	33,849	95	78	86	99	117	105	106	110	81	92
SARASOTA	5393 VENICE, CITY OF	21,525	95	93	104	105	101	103	108	102	106	104
SARASOTA	7411 SARASOTA CO.	182,532	141	129	105	113	87	89	82	87	86	85
SUMTER	2622 CONTINENTAL COUNTRY CLUB, INC.	2,572	201	148	155	174	174	230	235	106	107	97
SUMTER	8135 WILDWOOD, CITY OF	5,747	168	181	193	184	125	252	298	280	262	277

NOTES:

(1) Combined county utilities systems; before 1994, represented west system only.

(2) Before 1994, represented North Lakeland system only; combined County reporting 1994-1999.

(*) The calculation of population changed from 1995 to 1996 which reflected a significant per capita reduction.