

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WATER USE
INDIVIDUAL
PERMIT NO. 200742.05

EXPIRATION DATE: July 25, 2005

PERMIT ISSUE DATE: July 25, 1995

THE PERMITTEE IS RESPONSIBLE FOR APPLYING FOR A RENEWAL OF THIS PERMIT PRIOR TO THE EXPIRATION DATE WHETHER OR NOT THE PERMITTEE RECEIVES PRIOR NOTIFICATION BY MAIL. FAILURE TO DO SO AND CONTINUED USE OF WATER AFTER EXPIRATION DATE IS A VIOLATION OF DISTRICT RULES AND MAY RESULT IN A MONETARY PENALTY AND/OR LOSS OF WATER. APPLICATION FOR RENEWAL PRIOR TO THE EXPIRATION DATE IS SUBJECT TO DISTRICT EVALUATION AND APPROVAL.

This permit, issued under the provision of Chapter 373, Florida Statutes and Florida Administrative Code 40D-2, authorizes the Permittee to withdraw the quantities outlined herein, and may require various activities to be performed by the Permittee as outlined by the Special Conditions. This permit, subject to all terms and conditions, meets all District permitting criteria.

GRANTED TO: City of Tarpon Springs
325 E. Pine Street
Tarpon Springs, FL 34689

ABSTRACT: This is a permit renewal with a decrease in total quantities for public supply for the City of Tarpon Springs in Pinellas County within the Northern Tampa Bay Water Use Caution Area. The previously permitted quantities for the permit were 1.408 MGD Annual Average and 1.783 MGD Maximum Daily. There was no previously permitted Peak Month quantity. The currently permitted quantities are 1.38 MGD Annual Average and 1.72 MGD Peak Month. The Annual Average quantity has been adjusted to reflect the Permittee's requested quantity. The City of Tarpon Springs, including its service area, has a projected population of 31,216 people at a finished per capita water use rate of 134 gpd/person (the compliance per capita water use rate is 119 gpd/person). Public supply quantities for the City of Tarpon Springs are supplemented by the Pinellas County Water System. The permitted quantities represent 32.8% of the Public Supply demand for Tarpon Springs. The per capita rates include water use quantities provided by the Tarpon Springs wellfield and the Pinellas County Water System. Special Conditions for this permit include metering and pumpage reporting for groundwater withdrawals, water quality monitoring, water level monitoring, capping of withdrawals that are not in use, logging of wells, and WUCA conservation conditions.

TOTAL QUANTITIES AUTHORIZED UNDER THIS PERMIT (in gpd)

AVERAGE: 1,380,000 PEAK MONTHLY: 1,720,000

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<u>Use</u>	<u>Average</u>	<u>Peak Monthly</u>
Public Supply:	1,380,000 gpd	1,720,000 gpd

See Withdrawal Table for quantities permitted for each withdrawal point.

PROPERTY LOCATION: Pinellas County, Tarpon Springs and the Tarpon Springs Water Department Service Area.

TYPE OF APPLICATION: Renewal

WATER USE CAUTION AREA:
Northern Tampa Bay

APPLICATION FILED: July 5, 1994

ACRES: 390 Owned
 7.002 Serviced
 7,392 Total

APPLICATION AMENDED: February 3, 1995

WATER USE: PUBLIC SUPPLY

SERVICE AREA NAME

City of Tarpon Springs

<u>USE TYPE</u>	<u>POPULATION SERVED</u>	<u>PER CAPITA RATE</u>
Residential Single Family	20,972	134*
Residential Multi-Family	10,244	134*
Total Public Supply Use	31,216	134*/Gross Per Capita 119*/Compliance Per Capita

*Adjusted rate based on 32.8% contribution by WUP 200742.05 to actual public supply use.

<u>USE TYPE</u>	<u>IRRIGATION METHOD(S)</u>	<u>IRRIGATION RATE</u>	<u>ACRES</u>
Lawn and Landscape	Microspray	81"/yr.	1

<u>I.D. NO. PERMITTEE DISTRICT</u>	<u>DIAM. (INCHES)</u>	<u>DEPTH TOTAL/CASED</u>	<u>USE</u>	<u>GALLONS PER DAY AVERAGE</u>	<u>PEAK MONTHLY</u>	
1 / 1	10	105 / 95	PS	151,000	202,000	
2 / 2	10	97 / 87	PS	500,000	650,000	
3 / 3	10	115 / 105	PS	75,000	100,000	
5A/ 5	8	135 / 68	PS	6,000	12,000	
5B/ 6	8	101 / 61	PS	216,000	252,000	Standby
5C/ 7	8	134 / 74	PS	216,000	252,000	Standby
5D/ 8	8	126 / 83	PS	216,000	252,000	Standby

PS-Public Supply

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DISTRICT

<u>I.D. NO.</u>	<u>SECTION/TOWNSHIP/RANGE</u>
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1	12/27/15
2	7/27/16
3	17/27/16
5, 6, 7, 8	24/27/15

SPECIAL CONDITIONS:

All conditions referring to approval by the Regulation Department Director, Resource Regulation, shall refer to the Director, Tampa Regulation Department, Resource Regulation.

1. SUBMISSION OF REPORTS

All reports required by the permit shall be submitted to the District on or before the tenth day of the month following data collection and shall be addressed to:

Permit Data Section, Records and Data Department
Southwest Florida Water Management District
2379 Broad Street
Brooksville, Florida 34609-6899

Unless otherwise indicated, three copies of each plan or report, with the exception of pumpage, rainfall, evapotranspiration, water level or water quality data which require one copy, are required by the permit.

2. ACTIVATION OF STANDBY WELLS

Withdrawals from District ID No(s). 6, 7, and 8, Permittee ID No(s). 5B, 5C, and 5D, shall not occur unless clearance for the use of the wells has been received from the Florida Department of Environmental Protection (FDEP) and the Pinellas County Public Health Unit. The Permittee shall notify the District of the FDEP's position on the use of these wells within 30 days after receipt of written notice of the FDEP's position on this matter. Such notification shall include a copy of the written notice on this matter from FDEP.

3. PUMPAGE REPORTING

A. The Permittee shall continue to maintain and operate the existing non-resettable, totalizing flow meter(s), or other flow measuring device(s) as approved by the Regulation Department Director, Resource Regulation, for District ID No(s). 1, 2, 3, and 5, Permittee ID No(s). 1, 2, 3, and 5A. Such device(s) shall maintain an accuracy within five percent of the actual flow as installed. Total withdrawal and meter readings from each metered withdrawal shall be recorded on a daily basis and reported to the Permit Data Section, Records and Data Department, (using District forms) on or before the

tenth day of the following month. If a metered withdrawal is not utilized during a given month, a report shall be submitted to the Permit Data Section, Records and Data Department, indicating zero gallons.

- B. If activated, stand-by sources, District ID No(s). 6, 7, and 8, Permittee ID No(s). 5B, 5C, and 5D, shall be equipped, prior to activation, with non-resettable, totalizing flow meter(s), or other measuring device(s) as approved in writing by the Regulation Department Director, Resource Regulation, unless an extension is granted by the Director. Such device(s) shall have and maintain an accuracy within five percent of the actual flow as installed. Total withdrawal and meter readings from each metered withdrawal shall be recorded on a daily basis and reported to the Permit Data Section (using District forms) on or before the tenth day of the following month. If a metered withdrawal is not utilized during a given month, a report shall be submitted to the Permit Data Section, Records and Data Department, indicating zero gallons. Prior to meter installation, non-use shall be documented with monthly pumpage reports indicating zero gallons withdrawn.
- C. The Permittee shall compile monthly data on the total quantity of water received by the Permittee's system from the Permittee's wellfields and other sources and submit the data with the annual report, as described in the WELLFIELD ANNUAL REPORT condition of this permit. The District shall be notified in writing of the addition or modification of contracts for additional water supply or for water services.
- D. The Permittee's well pumpage and service area water use data recorded during the annual reporting period shall be summarized in the annual report, as described in the WELLFIELD ANNUAL REPORT condition of this permit.

4. WATER QUALITY SAMPLING

Water quality samples shall be collected and analyzed for the District ID No(s)., parameter(s), and frequency(ies) specified in the table below. The table below lists production wells and monitor wells. Water quality samples from each production well shall be collected whether or not the well is being used, unless specified otherwise in the table below. If sampling is not feasible, the Permittee shall indicate the reason for not sampling on the water quality data form. Water quality samples shall be collected after pumping the wells(s) to a constant temperature, pH, and conductivity. Sampling method(s) shall be designed to collect water quality samples that are chemically representative of the zone to be sampled. Water quality samples shall be analyzed by a Department of Health and Rehabilitative Services (DHRS) certified laboratory under Environmental Laboratory Certification General Category "1". Water quality samples shall be collected after pumping the well so that constant temperature, pH, and conductivity are maintained. The Permittee's sampling procedure(s) shall follow the handling and chain of custody procedures designated by the certified laboratory which will undertake the analysis. A report describing the sampling and chain of custody procedures shall be included with the first data submitted after the date this permit is granted, and upon any change in sampling and/or

analytical method(s). Any variance in sampling and/or analytical methods shall have prior approval of the Regulation Department Director. Reports of the analyses shall be submitted to the Permit Data Section, Records and Data Department, on District forms on or before the tenth day of the following month, and shall include the signature of an authorized representative and certification number of the certified laboratory that undertook the analysis. The parameters and frequency of sampling and analysis may be modified by the Regulation Department Director, as necessary to ensure the protection of the resource.

Production Wells

<u>District ID No.</u>	<u>Permittee ID No.</u>	<u>Minimum Pumping Time (minutes)</u>	<u>Sampling Parameter</u>	<u>Frequency</u>
1	1	10	Chloride, Sulfate, & TDS	Monthly
2	2	5	Chloride, Sulfate, & TDS	Monthly
3	3	20	Chloride, Sulfate, & TDS	Monthly
5	5A	50	Chloride, Sulfate, & TDS	Monthly
6*	5B*	7	Chloride, Sulfate, & TDS	Monthly
7*	5C*	7	Chloride, Sulfate, & TDS	Monthly
8*	5D*	7	Chloride, Sulfate, & TDS	Monthly

* Water quality samples for these wells are only required if and when the stand-by sources, District ID No(s). 6, 7, and 8, Permittee ID No(s). 5B, 5C, and 5D are activated.

Floridan Monitor Wells

<u>District ID No.</u>	<u>Permittee ID No.</u>	<u>Parameter</u>	<u>Sample Frequency</u>
51	51	Chloride, Sulfate, & TDS	Quarterly
52	52	Chloride, Sulfate, & TDS	Quarterly
54*	54*	Chloride, Sulfate, & TDS	Quarterly
57*	5-M*	Chloride, Sulfate, & TDS	Quarterly
58	5-A	Chloride, Sulfate, & TDS	Quarterly
60	60	Chloride, Sulfate, & TDS	Quarterly
62	62	Chloride, Sulfate, & TDS	Quarterly
64	64	Chloride, Sulfate, & TDS	Quarterly

* Water quality samples for these wells are only required if and when the stand-by sources, District ID No(s). 6, 7, and 8, Permittee ID No(s). 5B, 5C, and 5D are activated.

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Water quality samples shall be collected based on the following timetable:

Sampling Frequency

Monthly - Same Week of Each Month
Quarterly - February, May, August, November
Bi-Annual - May, September
Annually - May

Analyses shall be performed according to procedures outlined in the current edition of Standard Methods for the Examination of Water and Wastewater by the American Public Health Association-American Water Works Association-Water Pollution Control Federation (APHA-AWWA-WPCF) or Methods for Chemical Analyses of Water and Wastes by the U.S. Environmental Protection Agency (EPA).

Overall water quality and analyses of water quality changes and trends during the period of record and the annual reporting period shall be summarized in the annual report, as described in the WELLFIELD ANNUAL REPORT condition of this permit. Changes to the sampling or analytical methods during the annual reporting period shall also be summarized in the annual report.

5. WATER LEVEL MONITORING

- A. The Permittee shall monitor water levels in the monitor well(s) as specified in the table below. Reports of the data shall be submitted to the Permit Data Section, Records and Data Department, in a form acceptable to the District. All data shall be referenced to National Geodetic Vertical Datum (NGVD). The frequency of water-level recording may be modified by the Regulation Department Director, Resource Regulation, as necessary to ensure the protection of the resource.

<u>District ID No.</u>	<u>Permittee ID No.</u>	<u>Aquifer</u>	<u>Recording Frequency</u>
50*	50*	Floridan	Monthly
51	51	Floridan	Monthly
52	52	Floridan	Monthly
53	53	Floridan	Monthly
54*	54*	Floridan	Monthly
55*	55*	Floridan	Monthly
56*	56*	Floridan	Monthly
57*	5-M*	Floridan	Monthly
58	5-A	Floridan	Monthly
60	60	Floridan	Monthly
62	62	Floridan	Weekly
64	64	Floridan	Weekly

* Water level readings for these wells are only required if and when the stand-by sources, District ID No(s). 6, 7, and 8, Permittee ID No(s). 5B, 5C, and 5D are activated.

Water levels shall be recorded based on the following timetable of recording frequency:

<u>Recording Frequency</u>	<u>Recording Time</u>
Continuous	Recording continuous hourly basis
Daily	Same time of each day
Weekly	Same day of each week
Monthly	Same week of each month

The maximum and minimum of the 24-hour values (continuous recording) for each day shall be calculated, and only the maximum and minimum values for each day shall be reported to the Permit Data Section, Records and Data Department. The time and date that the water level is measured shall be reported with the data.

B. Water level data and changes to recording frequency during the annual reporting period shall be summarized in the annual report, as described in the WELLFIELD ANNUAL REPORT condition of this permit.

6. SALT WATER MONITOR PLAN

The District reserves the right to require the Permittee to submit a revised conceptual plan for a Hydrologic Conditions and Salt Water Monitor Program. Objectives of the program are to determine, within the vicinity of the existing and proposed wellfields:

- a. The relationship between surficial water levels and Floridan Aquifer potentiometric surface levels.
- b. The depth and characteristics of the saltwater/freshwater transition zone.
- c. Yearly detection of movement of the saltwater freshwater transition zone.

Communication and discussion with District staff during the development of the plan is encouraged. Field conditions shall dictate monitoring intervals for water quality and water levels. Implementation of the plan shall begin upon written approval of the plan by the Director, Resource Regulation.

7. CAPPING WELLS NOT IN USE

Any wells not in use, and in which pumping equipment is not installed shall be capped or valved in a water tight manner in accordance with Chapter 17-532.500(3)(a)(4), F.A.C.

8. WELL DEPTH DOCUMENTATION

By January 1, 2004, and prior to modification of this permit, the Permittee shall caliper or video log District ID No(s). 1, 2, and 3, Permittee ID No(s). 1, 2, and 3 to verify the casing and total depth of the well. If the well(s) or pump(s) are to be accessed for maintenance work prior to the above time constraints, the logging shall be done at that time. Results of the logging shall be submitted

to the District within 30 days of the logging event. The log shall, at a minimum, indicate the casing depth, diameter, and total depth of the aforementioned well(s). A valid well completion report may be submitted in lieu of the caliper or video log.

9. WATER USE CAUTION AREA CONDITIONS

A. PER CAPITA USE

By January 1, 1993, the Permittee shall have achieved a per capita water rate equal to or less than 150 gpd; this standard shall remain in effect until modified by rule. For planning purposes, listed below are per-capita goals for future management periods. These goals may be established as requirements through future rulemaking by the District:

- a. By January 1, 1997, the District may establish a new per capita water use standard. Based on current information, the per capita water use goal may be established by rule at 140 gpd; and
- b. By January 1, 2002, the District may establish a new per capita water use standard. Based on current information, the per capita water use goal may be established by rule at 130 gpd.

By April 1 of each year for the preceding period of October 1 through September 30, the Permittee shall submit a report detailing:

- a. The population served;
- b. Significant deducted uses, the associated quantity, and conservation measures applied to these uses;
- c. Total withdrawals;
- d. Treatment losses.
- e. Environmental mitigation quantities.
- f. Sources and quantities of incoming and outgoing transfers of water and wholesale purchases and sales of water, with quantities determined at the supplier's departure point.
- g. Documentation of reuse and desalination credits, if taken.

If for some reason, the Permittee does not achieve the specified per capita rate, the report shall document why the rate and requirements were not achievable, measures taken to attempt meeting them, and a plan to bring the permit into compliance. This report is subject to District approval. If the report is not approved, the Permittee is in violation of the Water Use Permit.

The District will evaluate information submitted by Permittees who do not achieve these requirements to determine whether the lack of achievement is justifiable and a variance is warranted. Permittees may justify lack of achievement by documenting unusual water needs, such as larger-than-average lot sizes with greater water irrigation needs than normal-sized lots. However, even with such documented justification, phased reductions in water use shall be required unless

the District determines that water usage was reasonable under the circumstances reported and that further reductions are not feasible. For such Permittees, on a case-by-case basis, individual water conservation requirements may be developed for each management period. Per capita rate requirements may be adjusted upward or downward through rulemaking and will become requirements.

B. WATER AUDITS

The Permittee shall conduct water audits of the water distribution system during each management period. A water audit may include the following activities: detection of unauthorized uses and authorized unmetered uses, correction of under-registration of meters, determination of fire flow use, and leak detection/repair. Water audits which identify a greater than 12 percent unaccounted for water shall include a schedule for remedial action, followed by appropriate actions. Audits shall be completed and reports documenting the results of the audit shall be submitted as an element of the report required in the per capita condition to the Permit Data Section, Records and Data Department, by the following dates: April 1, 1997; April 1, 2001; and April 1, 2011. Water audit reports shall include a schedule for remedial action if needed.

C. RESIDENTIAL WATER USE REPORT

By April 1 of each year, the Permittee shall submit a residential water use report for the preceding period of October 1, through September 30, detailing:

- a. The number of single family dwelling units served and their total water use,
- b. The number of multi-family dwelling units served and their total water use,
- c. The number of mobile homes served and their total water use.

Where separate indoor and outdoor meters exist, residential water use quantities shall include both the indoor and outdoor water uses associated with the dwelling units, including irrigation water.

D. RECLAIMED WATER USE REPORT

By January 1 of each year for the preceding fiscal year (October 1 through September 30), the Permittee shall submit a report detailing:

1. The total annual average daily and monthly quantity of effluent supplied as reuse;
2. For all individual customer reuse connections with line sizes of 4 inches or greater, list:
 - a. line size;
 - b. location of connection;
 - c. account name and address;
 - d. indication of meter, if present; and
 - e. metered quantities, if metered.

3. The annual average daily quantities, monthly quantities, locations, and methods of disposal for effluent that is not reused.
4. A map or plan depicting the area of reuse service; this map should include any areas projected to be added within the next year, if possible.

10. DESALINATION REPORT

Prior to submission of a formal application to increase quantities, the Permittee shall investigate the feasibility of desalination to provide all or a portion of the requested quantities, and to implement desalination if feasible. This report shall include a detailed economic analysis of desalination, including disposal costs, versus development of fresh water supplies, including land acquisition and transmission costs.

11. WELLFIELD MANAGEMENT PLAN

The District reserves the right to require the Permittee to submit a wellfield management plan to the Permit Data Section, Records and Data Department, for the approval of the Regulation Department Director. Drafting of the plan shall incorporate a review of all relevant pumpage, water quality, and water level monitoring, as well as existing testing data and analyses, or other testing analyses as required by this permit. This review shall be used to provide the Permittee with a preliminary understanding of the relationships of pumpage, water levels, and water quality. Provisions shall be made in the wellfield management plan to avoid unacceptable increases in water quality parameter concentrations, and to avoid adverse impacts to wetlands. Provisions to avoid unacceptable impacts may include but should not be limited to reducing withdrawals from individual wells, dissemination of pumpage, establishing warning water levels, overall reduction in wellfield withdrawal quantities, well use/production scheduling, refurbishing wells, retirement of wells, or some combination thereof. The proposed wellfield management plan shall include a timetable for implementation of specific elements of the plan, well operation schedules, and management alternatives to assist in avoiding deterioration of the water quality of production wells, and avoiding potential adverse impacts to wetlands. Implementation of the approved wellfield management plan shall begin no later than 30 days after approval of the Regulation Department Director, Resource Regulation, unless a written request for an implementation extension is received, and approved by the Regulation Department Director, Resource Regulation. At the Permittee's option, or as required by the District, changes may be proposed to the approved wellfield management plan if it is determined that adverse water quality or water level impacts are occurring, or if additional information becomes available which would necessitate a change. The Permittee is encouraged to periodically review the effectiveness of the wellfield management through a review of collected data, and to propose any changes to the approved plan which would further assist in protecting the water resources.

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12. WATER QUALITY CONCENTRATION LIMITS

- A. At such time as the chloride concentration in any water sample reaches the designated concentration limits designated below, the Permittee shall take appropriate action to reduce concentrations to below those set for the particular well. Sample concentration readings in excess of the concentrations designated below may occur, provided long-term upward trends or other significant water quality changes do not occur. If the District determines that long-term upward trends or other significant water quality changes are occurring, the District may reconsider the quantities permitted.

<u>District ID No.</u>	<u>Permittee ID. No.</u>	<u>Chloride Concentration Limit (mg/l)</u>
1	1	140
2	2	140
3	3	140

Subsequent to permit issuance, the Permittee may request in writing, a review of the water quality concentration limits by the Regulation Department Director, Resource Regulation, on the basis that the limits are not feasible to attain. Prior to the request for concentration limits review, the Permittee shall document in writing to the District that all feasible wellfield management measures have been explored within reasonable limits to attain compliance with the concentration limits specified in this permit. The Permittee's written request for review of the limits must include a proposal (well by well) of the lowest feasible concentration limits (based on a review of observed field data) to the Director for consideration. This proposal shall include predictions of changes to the location of the saltwater interface, both laterally and vertically, which may result from the proposed increased limits. If the Director accepts, in writing, that the Permittee has explored all feasible wellfield management measures within reasonable limits, that the Permittee cannot attain compliance with the concentration limits, and increasing the limits will not cause adverse impacts, the Director may consider modifying concentration limits for each well. If new limits are specified by the District, these shall supersede the limits listed in this permit.

- B. The District reserves the right to set chloride concentration limits on District ID No(s). 5, 6, 7, and 8, Permittee ID No(s). 5A, 5B, 5C, and 5D, in the future, based on data collected and after a sufficient data base has been established to determine limits. These limits shall be required after discussions with the Permittee. At such time as the concentration in any water sample reaches or exceeds the designated concentration limits, the Permittee shall take appropriate action to reduce concentrations to below those set for the particular well. If the District determines that long-term upward trends or other significant water quality changes are occurring, the District may reconsider the quantities permitted.

ANNUAL REPORT

Information regarding compliance with water quality concentration limits shall be summarized in the annual report, as described in the WELLFIELD ANNUAL REPORT condition of this permit.

13. WELLFIELD ANNUAL REPORT

The Permittee shall prepare a comprehensive but concise annual report on wellfield operation and an assessment of the water resources and environmental systems of the wellfield area based on the subject areas listed below. This report shall concisely summarize the elements listed below, with emphasis on the interactions between these elements, where appropriate. Data sources shall be referenced, but no raw data shall be included in the report. Only essential text, graphs, and tables should be included in the report. Permittee's staff shall arrange to meet with District staff to discuss the draft report prior to submittal. District staff will be available to meet and discuss the content of the report prior to meeting on the draft. Three copies of the report shall be submitted to the Director, Resource Regulation by April 1 of each year. Copies of the report will be distributed by the Director, Resource Regulation, to all District Governing Board members. The report shall cover all activities and conditions pertaining to the City of Tarpon Springs wellfields and service area for the preceding water year (October 1 to September 30). The specific elements of this report are listed below:

A. WATER USE

Pumpage quantity and water distribution information collected for the PUMPAGE REPORTING condition of this permit shall be summarized for the annual reporting period. A population estimate for the annual reporting period, which includes only those served by the municipal system within the service area, shall be provided and referenced. The quantities of water delivered to and used within the City of Tarpon Springs Service area over the annual reporting period shall be used with the population estimate to determine a per capita use rate for the period. Any changes to the service area boundaries shall be described and plotted on a map.

B. HYDROLOGIC AND ENVIRONMENTAL CONDITIONS

Data collected through the WATER QUALITY SAMPLING, WATER LEVEL MONITORING, SALT WATER MONITOR PLAN and WATER QUALITY CONCENTRATION LIMITS, conditions of this permit shall be used to determine the effects of pumpage on the following subjects of concern.

1. Movement of fresh/saltwater interface
2. Surficial aquifer water levels
3. Floridan Aquifer potentiometric surface
4. Floridan Aquifer water quality
5. Sinkhole formation

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Statistical trend analysis, such as double-mass curve analysis, multiple linear regression, time series analysis, and factor analysis shall be performed to analyze the interactions of rainfall and pumpage on movement of the fresh/saltwater interface, surficial water levels, the Floridan Aquifer potentiometric surface, Floridan Aquifer water quality, and sinkhole formation. A brief summary of any recommended changes to the monitoring requirements shall be provided.

C. CAPITAL IMPROVEMENT PROGRAM STATUS

For the annual reporting period, a summary of completed system improvements shall be provided. In addition, an update to any documented system weaknesses or anticipated system improvements shall be described.

14. DISTRICT RESERVES RIGHT TO MODIFY PERMIT

Should the District Governing Board determine based on impacts to the water resource that a modification of this permit is necessary in order to implement changes to permitted withdrawals within the Northern Tampa Bay Water Use Caution Area, upon notice and hearing the District Governing Board may modify this permit to implement such changes.

STANDARD CONDITIONS:

1. The Permittee shall comply with the Standard Conditions attached hereto, incorporated herein by reference as Exhibit "A" and made a part hereof.

Authorized Signature
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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Exhibit "A"

WATER USE PERMIT CONDITIONS

STANDARD CONDITIONS

1. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the provisions of Chapter 373, F.S., Chapter 40D, or the conditions set forth herein, the Governing Board shall revoke this permit in accordance with Rule 40D-2.341, following notice and hearing.
2. This permit is issued based on information provided by the Permittee demonstrating that the use of water is reasonable and beneficial, consistent with the public interest, and will not interfere with any existing legal use of water. If, during the term of the permit, it is determined by the District that the use is not reasonable and beneficial, in the public interest, or does impact an existing legal use of water, the Governing Board shall modify this permit or shall revoke this permit following notice and hearing.
3. The Permittee shall not deviate from any of the terms or conditions of this permit without written approval by the District.
4. In the event the District declares that a Water Shortage exists pursuant to Chapter 40D-21, the District shall alter, modify, or declare inactive all or parts of this permit as necessary to address the water shortage.
5. The District shall collect water samples from any withdrawal point listed in the permit or shall require the Permittee to submit water samples when the District determines there is a potential for adverse impacts to water quality.
6. The Permittee shall provide access to an authorized District representative to enter the property at any reasonable time to inspect the facility and make environmental or hydrologic assessments. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.
7. Issuance of this permit does not exempt the Permittee from any other District permitting requirements.
8. The Permittee shall cease or reduce surface water withdrawal as directed by the District if water levels in lakes fall below applicable minimum water level established in Chapter 40D-8 or rates of flow in streams fall below the minimum levels established in Chapter 40D-8.
9. The Permittee shall cease or reduce withdrawal as directed by the District if water levels in aquifers fall below the minimum levels established by the Governing Board.

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10. The Permittee shall practice water conservation to increase the efficiency of transport, application, and use, as well as to decrease waste and to minimize runoff from the property. At such time as the Governing Board adopts specific conservation requirements for the Permittee's water use classification, this permit shall be subject to those requirements upon notice and after a reasonable period for compliance.
11. The District may establish special regulations for Water Use Caution Areas. At such time as the Governing Board adopts such provisions, this permit shall be subject to them upon notice and after a reasonable period for compliance.
12. The Permittee shall mitigate, to the satisfaction of the District, any adverse impact to existing legal uses caused by withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Adverse impacts include:
 - a. A reduction in water levels which impairs the ability of a well to produce water;
 - b. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
 - c. Significant inducement of natural or manmade contaminants into a water supply or into a usable portion of any aquifer or water body.
13. The Permittee shall mitigate to the satisfaction of the District any adverse impact to environmental features or offsite land uses as a result of withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Adverse impacts include the following:
 - a. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams, or other watercourses;
 - b. Sinkholes or subsidence caused by reduction in water levels;
 - c. Damage to crops and other vegetation causing financial harm to the owner; and
 - d. Damage to the habitat of endangered or threatened species.
14. When necessary to analyze impacts to the water resource or existing users, the District shall require the Permittee to install flow metering or other measuring devices to record withdrawal quantities and submit the data to the District.
15. A District identification tag shall be prominently displayed at each withdrawal point by permanently affixing the tag to the withdrawal facility.
16. The Permittee shall notify the District within 30 days of the sale or conveyance of permitted water withdrawal facilities or the land on which the facilities are located.
17. All permits issued pursuant to these Rules are contingent upon continued ownership or legal control of all property on which pumps, wells, diversions or other water withdrawal facilities are located.

SUBPART B - FORMAL PROCEEDINGS

40D-1.521 Initiation of Formal Proceedings

- (1) Formal proceedings shall be initiated by petition to the District. The term petition as used herein includes any application or other document which expresses a request for formal proceedings. Each petition should be printed, typewritten or otherwise duplicated in legible form on white paper of standard letter size and signed by the petitioner or his representative. Unless printed, the impression shall be on one side of the paper only and lines shall be double-spaced and indented.
- (2) All petitions filed under these rules shall contain:
 - (a) The name and address of the District and the District's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) An explanation of how each petitioner's substantial interests will be affected by the District's determination;
 - (d) A statement of when and how petitioner received Notice of the District's Proposed or Final Agency Action;
 - (e) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
 - (f) A concise statement of the ultimate facts which petitioner believes entitle him to relief sought as well as the rules and statutes which support petitioner's claim for relief;
 - (g) A statement of preference of presiding officer;
 - (h) A demand for the relief to which the petitioner deems himself entitled; and
 - (i) Other information which the petitioner contends is material.
- (3) Upon receipt of a petition for formal proceedings the District shall review the petition and shall provide a statement of compliance of the petition which the requirements of this rule to the Board and the petitioner. The Board shall accept those petitions in substantial compliance with this rule which have been timely filed and which state a dispute which is within the jurisdiction of the District to resolve. If the petition is accepted the Board shall designate the presiding office. The District shall promptly give written notice to all parties of the action taken on the petition, and shall state with particularity its reasons therefore.
- (4) If the Board designates a Hearing Officer assigned by the Division of Administrative Hearings as the presiding officer, the Agency Clerk shall forward the petition and all materials filed with the District to the Division of Administrative Hearings, and shall notify all parties of such action.
- (5) Petitioners entitled to a hearing pursuant to Subsection 120.57(1), Florida Statutes, may waive their right to a formal hearing and request an informal hearing before the Board pursuant to Subsection 120.57(2), Florida Statutes, which may be granted at the option of the District.

The District does not discriminate based on disability. Anyone requiring reasonable accommodation under the ADA should contact BJ Jarvis at (904) 796-7211 or 1-800-423-1476; TDD only 1-800-231-6103.