

ENVIRONMENTAL PROTECTION DIVISION
DEPARTMENT OF NATURAL RESOURCES
STATE OF GEORGIA

PERMIT TO WITHDRAW GROUNDWATER

PERMIT NUMBER	089-0003	DATE: July 21, 2011
PERMIT HOLDER'S NAME	DPW Environmental Division – Fort Stewart	
PERMIT HOLDER'S ADDRESS	1550 Frank Cochran Drive, Bldg 1137, Fort Stewart, Georgia 31314 – Liberty County	
In accordance with the Provisions of the Groundwater Use Act, (O.C.G.A § 12-5-90 et seq.) as amended, and the Rules and Regulations for Groundwater Use, Chapter 391-3-2, promulgated pursuant thereto, this Permit is issued to withdraw, obtain, or utilize a maximum system wide total of groundwater in the amount of: <p style="text-align: center;"><u>5.2312</u> million gallons per day monthly average and <u>4.2312</u> million gallons per day annual average;</p> from <u>nineteen (19)</u> wells located at <u>Fort Stewart, Georgia – Liberty County</u> for the purpose of a consumptive use for a <u>central water supply</u> .		
This Permit is conditioned upon the permit holder complying with the following: <p style="text-align: center;"><u>STANDARD CONDITIONS</u></p> (1) The provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto; Environmental Protection Division (EPD); (2) The Permit must not be transferred except with the approval of the Georgia (3) The Groundwater Withdrawal Report will be submitted MONTHLY in accordance with the following schedule: • Production between the first day of the month and the last day of the month will be submitted to EPD by the 10 th day of the following month (ex. January 1 st through January 31 st groundwater withdrawal data will be reported to the EPD by February 10 th). (4) The withdrawal of groundwater is limited to the quantities and purpose of the water herein specified. <p style="text-align: center;"><u>SPECIAL CONDITIONS</u></p> (5) This Permit is valid for ground water withdrawal from the <u>Upper Floridan</u> Aquifer. No other aquifer can be used without the approval of the EPD. (6) If multiple aquifers are designated in Special Condition (5) above, groundwater withdrawal of each aquifer must be reported separately. Each aquifer must be identified on the Groundwater Withdrawal Report, as well as listing the well or wells that are producing in each aquifer. If a well is producing in more than one aquifer, it is to be noted. The Groundwater Withdrawal Report must be submitted in accordance with the schedule outlined in Standard Condition (3) of this permit. (7) The replacement of any permitted well must receive prior approval from the EPD. And the additional attached conditions (8 through 17), which are hereby made a part of this Permit.		
In accordance with the application or letter dated <u>June 18, 2009</u> and in conformity with the statements and supporting data entered therein or attached thereto, all of which are filed with the EPD of the Department of Natural Resources and are hereby made part of this Permit. This permit is effective from the date first above written and is subject to revocation on evidence of noncompliance with any of the provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto; or with any representation made in the above mentioned application or the statements and supporting data entered therein or attached thereto; or with any condition of this permit. Absent prior revocation in accordance with the above language, this Permit will expire on the <u>31st day of December 2017</u> .		
DIRECTOR'S SIGNATURE	DATE:	Director
	July 21, 2011	Environmental Protection Division Department of Natural Resources

SPECIAL CONDITIONS

- (8) This groundwater withdrawal permit and any future modifications or re-issuances of such, is conditional upon implementation of the relevant Lower Floridan Aquifer requirements and Water Conservation Plan. The permit holder must demonstrate an effort to increase water efficiency.
- (9) The permit holder must abide by applicable drought response requirements.
- (10) The permit holder must abide by applicable water conservation requirements.
- (11) In accordance with the Groundwater Use Rules, 391-3-2-.08(2), a permit holder will analyze a raw groundwater sample for specific conductance on an annual basis. Analysis for specific conductance must be conducted in accordance with 40 Code of Federal Regulations, Part 141.89. A raw groundwater sample will be collected for every five permitted wells (i.e., if you have between one and five permitted wells, collect one raw groundwater sample for analysis; if you have between six and ten permitted wells, collect a raw groundwater sample from two of the permitted wells, etc.). The groundwater samples must be collected from the highest yielding wells. The results must be submitted to the EPD on corporate letterhead and must include the date sampled, well number, temperature of water sample at time of testing, the specific conductance result, and the units of measurement.
- (12) The EPD has produced the 'Coastal Georgia Water & Wastewater Plan for Managing Salt Water Intrusion' (the Plan). The Plan has identified an array of water conservation, efficiency, and reuse requirements for public and private water providers. The permit holder is required to fully implement and otherwise comply with ALL appropriate requirements identified in the Plan.
- (13) The permit holder's use of an alternate water supply from the Lower Floridan aquifer has met all current policy requirements for water withdrawal permitting approval including the enumeration of calculated Upper Floridan-Lower Floridan production off-sets, as described in Special Condition 14 below.
- (14) The permitted withdrawal limits of this Upper Floridan Groundwater Withdrawal Permit have been reduced by 0.2688 million gallons per day (mgd) from the previously permitted withdrawal limits of 5.500 mgd monthly average and 4.500 mgd annual average. This reflects the required offset calculated from the agreed upon 35% leakage rate of the permitted withdrawal limits on the Lower Floridan Groundwater Withdrawal Permit No. 089-0011 of 0.768 mgd monthly and annual average.
- (15) Upon termination of the permit holder's Lower Floridan groundwater withdrawal permit (089-0011), the original permitted withdrawal limits on this Upper Floridan groundwater withdrawal permit of 5.500 mgd monthly average and 4.500 mgd annual average will be reestablished until such time as EPD implements the provisions outlined in the Plan to all permitted withdrawal systems in the Coastal Yellow Zone.
- (16) If EPD implements the provisions outlined in the Plan prior to the termination of the permit holder's Lower Floridan groundwater withdrawal permit (089-0011), then the withdrawal limits of this Upper Floridan permit will be changed according to those consistent with the provisions of the Plan rather than those listed in Special Condition 15 above.
- (17) The permit holder must meter all fire hydrant flushing events.

PERMIT MODIFICATION

The permit holder may seek modification of any of the terms of an unexpired permit upon written request to the Director. The Georgia EPD has the authority to modify any groundwater withdrawal permit at any time.