Georgia Department of Natural Resources

2 Martin Luther King, Jr. Drive, SE, East Floyd Tower, Atlanta, GA 30334
Mark Williams, Commissioner
F. Allen Barnes, Director
Environmental Protection Division

November 23, 2011

Mr. Robert R. Baumgardt
The United States Army
1150 Frank Cochran Drive
Fort Stewart, GA 31314

Re: **USA - Fort Stewart Main**
WSID# 1790024
Liberty County

Dear Mr. Baumgardt:

In accordance with the Georgia Safe Drinking Water Act of 1977, as passed by the Georgia General Assembly, and the Rules for Safe Drinking Water, Chapter 391-3-5, a permit to operate the USA - Fort Stewart Main Water System, a public water system located in Liberty County, Georgia has been issued by the Environmental Protection Division (EPD) and is hereby enclosed. Please provide a copy of this permit to anyone directly involved in the operation or sample collection for this water system.

This permit includes new special coastal conditions required by the "Coastal Georgia Water & Wastewater Permitting Plan for Managing Salt Water Intrusion", which was published by EPD in June 2006. To obtain the most up-to-date information about the coastal permitting plan and copies of the guidelines referenced in the permit conditions, please visit the EPD's website at http://www.gadnr.org/cws/.

The Rules for Safe Drinking Water, Chapter 391-3-5, specify the number and frequency of chemical and microbiological samples that must be analyzed for your water system. The microbiological and chemical water samples must be analyzed by EPD's Laboratory or any other commercial laboratory certified by EPD. If you participate in EPD's "Drinking Water Fee System", the Drinking Water Compliance Program will schedule the chemical monitoring. Sample bottles with instructions for sample collection and shipping will be mailed to you as sampling is required. If you did not contract with the EPD for these laboratory services, you are responsible for complying with all applicable monitoring schedules in the Rules for Safe Drinking Water.

You are urged to become familiar with all applicable sections of the Rules for Safe Drinking Water, especially Section 391-3-5-.15 (Record Maintenance) and Section 391-3-5-.32 (Public Notification). **Remember that all bacteriological and chemical samples, information, and correspondence for this system that are submitted to EPD should be identified by the water system identification number, WSID# 1790024.**

Sincerely,

Kirk A. Chase

Kirk A. Chase
Drinking Water East Unit Manager
Phone: (404) 656-2750

Enclosure

cc: Coastal District Brunswick Office, EPD
Liberty County Health Department
File: SR1-A

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

PERMIT NO.: CG1790024

COUNTY: Liberty

ISSUE DATE OF PERMIT: August 15, 2007

MODIFICATION DATE: November 23, 2011

PERMIT TO OPERATE A PUBLIC WATER SYSTEM

In compliance with the provisions of the **GEORGIA SAFE DRINKING WATER ACT of 1977, O.C.G.A. 12-5-170 et. seq.**, and the **RULES, CHAPTER 391-3-5**, adopted pursuant to the **ACT**

The United States Army

is issued a **PERMIT TO OPERATE A PUBLIC COMMUNITY WATER SYSTEM** named

USA - Fort Stewart Main

and located at

Fort Stewart, Georgia

THIS PERMIT to operate the above public water system shall become effective on the date shown above and shall expire, absent any prior revocation or modification, at midnight

August 14, 2017

THIS PERMIT is issued subject to the terms, conditions and schedules of compliance as follows:

1. **THE PERMITTEE** shall at all times operate the public water system in full compliance with the **GEORGIA SAFE DRINKING WATER ACT of 1977**, and the **RULES, CHAPTER 391-3-5**, adopted under the **ACT**. **THE DIRECTOR** may modify, suspend or revoke this permit as provided therein.

2. **THIS PERMIT** is transferable only with a change of ownership. **THE PERMITTEE** shall notify the succeeding owner by letter of the existing permit and surrender the original permit to the Director. The succeeding owner shall apply to the Director for a permit transfer within 30 days of receiving title to the property.

3. **THIS PERMIT** is further subject to the terms, conditions and schedules of compliance specified on the attached pages.

F. Allen Barnes

F. Allen Barnes
Director

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

OWNER: **The United States Army** ISSUE DATE: **August 15, 2007**

SYSTEM: **USA - Fort Stewart Main** PERMIT NO.: **CG1790024**

PERMIT CONDITIONS

4. **This permit is for the operation of a public water system using six (6) wells as sources of water supply** as indicated on your application. Any additional sources must have written approval from the Director before use. **The total amount of water produced must not exceed the limits imposed by your groundwater withdrawal permit, #089-0003**. The approved sources of water are:

Well #1, Source 101, West 1st Street & Wilson Avenue
Well #2, Source 102, Hero Road
Well #3, Source 103, 15th Street & Wilson Avenue
Well #4, Source 104, East 12th Street & Bultman Avenue
Well #5, Source 105, 15th Street
Well #6, Source 106

5. The permittee must provide continuous disinfection by chlorinating all water distributed by the system to maintain a detectable residual of free chlorine in the recommended amount of 0.2 milligrams per liter in all parts of the distribution system, or as specified in Section 391-3-5-.14, as amended, of the Rules for Safe Drinking Water.

6. **The permittee shall analyze or have analyzed all microbiological and chemical samples required by the Rules for Safe Drinking Water, Chapter 391-3-5. Monitoring for each contaminant must be performed as scheduled by the Georgia Environmental Protection Division's (EPD) Drinking Water Compliance Program (DWCP). The supplier must provide all test results to the DWCP within the time frames established in the schedules.** The permittee may use the laboratory services of the EPD's certified laboratory or any other laboratory certified by the DWCP to perform the specific analysis. If a laboratory other than the EPD's certified laboratory is used, the laboratory results must be submitted to the following address as specified in Section 391-3-5-.30:

Environmental Protection Division
Drinking Water Compliance Program
Compliance and Enforcement Unit, Suite 1362
2 Martin Luther King, Jr. Drive, SE
Atlanta, Georgia 30334

The format used to report results must be approved by the DWCP and must identify the system by the water system identification number, WSID# 1790024, and the laboratory performing the analysis. The laboratory's certification number must be included on the report. Results requiring immediate notification should be reported to the DWCP by telephone at (404) 656-4807 or fax at (404) 651-9590.

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PERMIT CONDITIONS

7. Reports must be maintained by the permittee on the premises of the water system and be available for inspection. **A true and correct copy of the operation records and other reports must be sent to the following address, by the tenth day of the month following the month being reported**, unless otherwise stated in Section 391-3-5-.30 or elsewhere in the Rules:

Environmental Protection Division
Coastal District Brunswick Office
400 Commerce Center Drive
Brunswick, GA 31523-8251
Phone: (912) 264-7284
Fax: (912) 262-3160

8. **The permittee shall insure that this public water system is operated in compliance with the Georgia Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts Act**, as amended, and the Rules adopted thereunder. The certification classification must be consistent with the public water system classification specified in Section 391-3-5-.39 of the Rules for Safe Drinking Water.

9. Drinking water distributed by the permittee should not contain any impurity which will cause offense to the sense of sight, taste or smell and should not be excessively corrosive as to cause degradation of the water quality or deterioration of the distribution system, as specified in Section 391-3-5-.19 and .26 of the Rules for Safe Drinking Water.

10. The permittee is required to have a water conservation and cross-connection control plan on file with the Division.

11. The permittee agrees by accepting this permit that the water service area will be limited to customers residing or conducting business on property under the permittee's ownership. Should the permittee desire to serve drinking water to customers on property owned by individuals other than the permittee, the permittee shall notify and submit to the Division, for review and acceptance prior to service, the required trust indenture guaranteeing continued maintenance and operation of the public water system.

12. The permittee shall meter all existing water sources connected to the public water supply system and shall report the system's water usage to the EPD's Coastal District Brunswick Office.

13. The permittee shall provide sanitary protection for each source of water supply, as specified in Section 391-3-5-.07 of the Rules for Safe Drinking Water.

14. The permittee must meter any new water sources and new services connected to the public water supply system.

15. This permit replaces all Permits to Operate a Public Water System previously issued for the operation of this public water system.

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SPECIAL COASTAL PERMIT CONDITIONS

A. The permittee shall develop a **water conservation education program** in accordance with the guidelines provided by the Georgia Environmental Protection Division. The program must be updated at intervals determined by the Director.

B. The permittee shall adopt and implement a conservation-oriented **water rate structure** for all of its customers, in accordance with the guidelines provided by the Georgia Environmental Protection Division. This program must be updated at intervals determined by the Director.

C. The permittee shall adopt and implement the **outdoor watering schedule** adopted by the Board of Georgia Department of Natural Resources, or an alternate outdoor watering schedule approved by the Georgia Environmental Protection Division.

D. The permittee shall conduct a **reuse feasibility study** in accordance with the guidelines provided by the Georgia Environmental Protection.

E. The permittee shall **evaluate alternate water sources** as a substitute for the groundwater used. This assessment shall be conducted in accordance with the guidelines provided by the Georgia Environmental Protection Division.

F. The permittee shall adopt a **meter calibration, repair, and replacement program** that includes: (1) a schedule for installing meters for all water supply sources and service connections that are not currently metered; and, (2) annual calibration for meters for those users representing at least the top 10% of water users. This program must be updated at intervals determined by the Director.

G. The permittee, when operating a governmentally owned water system, shall adopt ordinances requiring all new developments served by public and private sewage services to install **purple pipe reuse lines**, where feasible, as demonstrated in their Reuse Feasibility Analysis. The Reuse Feasibility Analysis shall be developed in accordance with guidance provided by the Georgia Environmental Protection Division.

H. The permittee shall adopt a **water loss control program** in accordance with the guidelines provided by the Georgia Environmental Protection Division.

I. The permittee shall **meter all fire hydrant flushing events**.