

MEMORANDUM FOR: Mr. Lindsay Thomas, Federal Commissioner, ACT and ACF River Basin Commissions

SUBJECT: Status of Unimpaired Flow Development

1. On 14 May 2002 the Corps of Engineers, Mobile District made a public presentation titled "Update of Unimpaired Flow 1994-2001". The 1994 to 2001 actual net water consumptive use is a critical component to the flow update. Mobile District has worked very closely for several months with Georgia Environmental Protection Division (EPD) to review, and then incorporate the state of Georgia's most recent water use data.
2. The presentation included a graph depicting the trend of the water use in the Metro Atlanta area during the period 1990 to 2001. The graph reflected an increase from 190 cfs (or 123 mgd) to 480 cfs (or 309 mgd), an annual increase of 15.9 MGD from 1990-2001. Georgia EPD notified Mobile District about conflicting calculations regarding the growth rate. A detailed review of the preliminary data revealed a miscalculation in summing the daily water use data from 1990 to 2001. The trend line was recomputed by the Corps of Engineers, and reviewed by Georgia EPD. Mobile District and Georgia EPD are now in agreement regarding the data and the method used to compute the water use trend line. The revised trend line reflects an annual increase from 100 cfs (or 65 mgd) in 1990 to 330 cfs (or 213 MGD) in 2001, resulting in an annual increase of 12.5 mgd per year from 1990-2001. All other data in the presentation have also been reviewed and found to be correct. A revised slide and a copy of this memo will be placed on our Internet website where the 14 May presentation is located so that the public may be informed of these revisions.
3. Mobile District continues to work closely with the Georgia EPD to update the net consumptive water use and the unimpaired flow data set for the period 1994 - 2001.

/s/

ROGER A. BURKE
Chief, Plan Formulation Branch
U. S. Army, Corps of Engineers
Mobile District

Whitesburg to Lake Lanier Net Demands

