



Date: January 6, 2003

From: Rebecca L. Mitchell

To: Distribution (by E-mail, Fax or regular Mail)

Subject: Lake Gaston Water Withdrawal Report For 2003
(FERC Project # 2009)

Enclosed please find a copy of the Virginia Beach yearly water withdrawal report from Lake Gaston for 2003. Withdrawals in 2003 totaled 2,987 million gallons (MG) and averaged 8.2 million gallons per day (mgd). The maximum monthly withdrawal of 350 MG (11.3 mgd) occurred in August and the minimum monthly withdrawal of 218 MG (7.8 mgd) occurred in February.

January 2003: Withdrawals in January 2003 totaled 242 million gallons (MG) and averaged 7.8 million gallons per day (mgd). The maximum daily withdrawal was 9.2 MG and the minimum daily withdrawal was 7.2 MG.

February 2003: Withdrawals in February 2003 totaled 218 million gallons (MG) and averaged 7.8 million gallons per day (mgd). The maximum daily withdrawal was 8.0 MG and the minimum daily withdrawal was 7.5 MG.

March 2003: Withdrawals in March 2003 totaled 241 million gallons (MG) and averaged 7.8 million gallons per day (mgd). The maximum daily withdrawal was 8.1 MG and the minimum daily withdrawal was 7.4 MG.

April 2003: Withdrawals in April 2003 totaled 235 million gallons (MG) and averaged 7.8 million gallons per day (mgd). The maximum daily withdrawal was 8.4 MG and the minimum daily withdrawal was 7.7 MG.

May 2003: Withdrawals in May 2003 totaled 247 million gallons (MG) and averaged 8.0 million gallons per day (mgd). The maximum daily withdrawal was 8.1 MG and the minimum daily withdrawal was 7.8 MG.

June 2003: Withdrawals in June 2003 totaled 236 million gallons (MG) and averaged 7.9 million gallons per day (mgd). The maximum daily withdrawal was 8.1 MG and the minimum daily withdrawal was 7.7 MG.

July 2003: Withdrawals in July 2003 totaled 272 million gallons (MG) and averaged 8.8 million gallons per day (mgd). The maximum daily withdrawal was 28.9 MG and the minimum daily withdrawal was 7.7 MG.

August 2003: Withdrawals in August 2003 totaled 350 million gallons (MG) and averaged 11.3 million gallons per day (mgd). The maximum daily withdrawal was 30.5 MG and the minimum daily withdrawal was 7.5 MG.

September 2003: Withdrawals in September 2003 totaled 231 million gallons (MG) and averaged 7.7 million gallons per day (mgd). The maximum daily withdrawal was 8.2 MG and the minimum daily withdrawal was 7.4 MG.

October 2003: Withdrawals in October 2003 totaled 240 million gallons (MG) and averaged 7.7 million gallons per day (mgd). The maximum daily withdrawal was 7.9 MG and the minimum daily withdrawal was 7.3 MG.

November 2003: Withdrawals in November 2003 totaled 235 million gallons (MG) and averaged 7.8 million gallons per day (mgd). The maximum daily withdrawal was 8.0 MG and the minimum daily withdrawal was 7.6 MG.

December 2003: Withdrawals in December 2003 totaled 242 million gallons (MG) and averaged 7.8 million gallons per day (mgd). The maximum daily withdrawal was 8.4 MG and the minimum daily withdrawal was 7.6 MG.

This report is being sent as an attachment to this e-mail in Excel (*.xls) and MS Word (*.doc) or is being sent by fax or regular mail. If you have any questions, you may respond by e-mail to bmitchel@vbgov.com, by fax at 757-427-3183, by mail at Department of Public Utilities, 2405 Court House Drive, Virginia Beach, VA 23456, or by phone at 757-427-8674.

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CITY OF VIRGINIA BEACH, VIRGINIA -- LAKE GASTON WITHDRAWAL REPORT: 2003

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1	7.2	7.5	7.9	7.7	8.0	8.0	7.8	30.2	7.9	7.8	7.9	7.8	
2	7.2	7.9	8.0	7.7	7.9	8.1	7.9	30.5	7.7	7.7	7.9	7.8	
3	7.2	7.8	7.7	7.9	7.9	8.0	7.7	30.4	7.7	7.8	7.9	7.7	
4	7.2	7.7	7.5	7.9	7.8	8.0	7.7	30.0	7.6	7.7	7.9	7.7	
5	7.2	7.7	7.7	7.8	7.9	7.9	7.7	20.7	7.5	7.6	7.7	7.7	
6	7.2	7.7	7.4	7.7	7.9	7.8	7.7	7.9	7.6	7.7	7.8	7.8	
7	7.6	7.7	7.7	7.7	7.9	7.8	7.9	7.9	7.7	7.7	7.9	7.8	
8	7.6	7.8	8.0	7.8	7.9	7.7	8.0	7.9	7.7	7.8	7.9	7.8	
9	7.8	7.8	8.0	7.8	8.0	7.9	8.0	7.9	7.7	7.8	7.8	7.6	
10	7.8	7.6	7.7	7.8	8.0	7.9	7.9	7.9	7.6	7.8	7.7	7.7	
11	7.8	7.6	7.6	7.7	8.0	8.0	7.8	7.5	7.6	7.8	7.7	8.4	
12	7.8	7.9	7.9	7.7	7.9	7.9	7.8	7.8	7.6	7.7	7.8	8.0	
13	7.8	7.8	7.9	7.7	7.9	7.7	7.8	7.9	7.5	7.7	7.8	7.9	
14	7.7	7.9	7.7	7.7	8.0	7.7	7.9	7.9	7.6	7.8	7.8	7.9	
15	7.7	7.9	7.7	7.8	8.0	7.7	8.0	7.8	7.7	7.8	7.8	7.9	
16	7.7	8.0	7.9	8.0	7.9	7.9	7.7	7.8	8.2	7.8	7.6	7.8	
17	7.7	8.0	7.9	7.9	7.9	8.0	7.8	7.6	8.0	7.8	7.8	7.8	
18	7.7	7.8	7.7	7.8	7.9	7.9	7.8	7.6	7.4	7.7	7.9	7.7	
19	7.8	7.8	7.9	7.8	8.0	7.8	7.8	7.6	7.5	7.7	7.8	7.8	
20	9.0	7.8	7.5	7.8	8.0	7.8	7.8	8.5	7.7	7.3	7.8	7.7	
21	9.2	7.8	7.6	7.8	8.0	7.8	7.8	11.4	7.7	7.8	7.9	7.8	
22	9.0	7.9	7.8	7.9	8.0	7.8	8.0	7.7	7.7	7.7	7.8	7.8	
23	7.8	8.0	8.0	8.4	7.9	7.9	8.2	7.8	7.5	7.7	7.7	7.8	
24	7.7	7.8	7.8	8.0	7.9	7.9	8.0	7.9	7.6	7.7	8.0	7.8	
25	7.8	7.7	7.7	7.8	7.9	7.7	8.0	7.8	8.2	7.7	7.8	7.7	
26	7.8	7.7	7.6	7.7	7.9	8.0	7.9	7.8	7.7	7.7	7.9	7.8	
27	7.9	7.6	8.1	8.0	7.9	7.9	8.0	8.2	7.6	7.9	8.0	7.9	
28	7.7	8.0	7.4	7.9	8.0	7.9	7.9	8.2	7.8	7.5	8.0	7.9	
29	7.7		7.4	8.0	8.1	8.0	7.7	7.7	7.7	7.9	8.0	7.8	
30	7.7		7.9	8.0	8.1	7.9	14.8	7.8	7.7	7.8	7.9	7.8	
31	8.5		7.9		8.1		28.9	7.9		7.9		7.8	
Tot-MG	242	218	241	235	247	236	272	350	231	240	235	242	2987
Ave-mgd	7.8	7.8	7.8	7.8	8.0	7.9	8.8	11.3	7.7	7.7	7.8	7.8	8.2
Min-mgd	7.2	7.5	7.4	7.7	7.8	7.7	7.7	7.5	7.4	7.3	7.6	7.6	7.2
Max-mgd	9.2	8.0	8.1	8.4	8.1	8.1	28.9	30.5	8.2	7.9	8.0	8.4	30.5