

June 27, 2014

Kevin Franke  
Senior Associate/Environmental Scientist  
The LA Group  
40 Long Alley  
Saratoga Springs

Re: Water System Analysis  
Windham Mountain Sporting Club (WMSC)  
Town of Windham  
Greene County, NY  
KA Project 164207.02

Dear Kevin:

As you are aware, Kaaterskill Associates prepared the Preliminary Water Supply Report that was included in the WMSC Draft Environmental Impact Statement in November of 2011. The analysis contained in the DEIS was based on an anticipated peak daily water demand of 94,024 gpd. This was calculated as follows:

**DEIS Water Demand Calculations**

143 Single Family Home	300 gpd per unit	42,900 gpd
24 Units in 12 Duplexes	300 gpd per unit	7,200 gpd
54 Townhomes	300 gpd per unit	16,200 gpd
81 Condominiums	300 gpd per unit	24,300 gpd
Wellness Center	30 users at 8 gpd/user	240 gpd
Member's Lodge Restaurant & Lounge	70 seats at 28 gpd/seat	1,960 gpd
Member's Lodge Spa	24 users at 8 gpd/user	192 gpd
East Village Lodge Grill	30 seats at 28 gpd/seat	840 gpd
East Village Lodge Pool/Exercise	24 users at 8 gpd/user	192 gpd

**Maximum Daily Demand 94,024 gpd**

Subsequent to the DEIS, a number of plan changes have been implemented which will reduce the peak daily water demand. These changes include the elimination of the Wellness Center, and a reduction in the total number of living units from 302 to 237. The revised calculations based on the current plan are as follows:

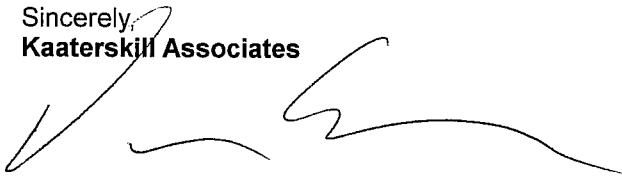
**Revised Water Demand Calculations**

137 Single Family Home	300 gpd per unit	41,100 gpd
12 Units in 6 Duplexes	300 gpd per unit	3,600 gpd
7 Townhomes	300 gpd per unit	2,100 gpd
81 Condominiums	300 gpd per unit	24,300 gpd
Member's Lodge Restaurant & Lounge	70 seats at 28 gpd/seat	1,960 gpd
Member's Lodge Spa	24 users at 8 gpd/user	192 gpd
East Village Lodge Grill	30 seats at 28 gpd/seat	840 gpd
East Village Lodge Pool/Exercise	24 users at 8 gpd/user	192 gpd

**Maximum Daily Demand 74,284 gpd**

The analysis included in the DEIS demonstrated that the municipal water system would be capable of providing water to WMSC. This conclusion was based on an anticipated interconnection between the Town systems serving the hamlets of Windham and Hensonville. The revised plan involves a reduction in anticipated water demand of more than 20%, and therefore the conclusions of the DEIS are still valid for the revised plan.

Sincerely,  
**Kaaterskill Associates**



Darrin Elsom, PE  
Principal Engineer