



June 27, 2014

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

Re: Wastewater 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 Wastewater 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 wastewater flow of 94,024 gpd. This was calculated as follows:

DEIS Wastewater Flow 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 Flow 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 Wastewater Flow 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

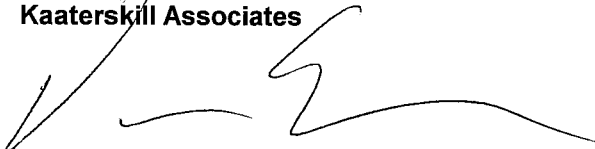
The analysis included in the DEIS demonstrated that the municipal wastewater collection and treatment system would be capable of accepting flow from WMSC. The revised plan involves a reduction in anticipated wastewater flow of more than 20%, and therefore the conclusions of the DEIS are still valid for the revised plan.

The responses that have been prepared to DEIS comments also include an expanded discussion and analysis of flow to the WWTP. This analysis discusses anticipated build-out conditions for the sewer district, which includes:

- (a) Development of vacant parcels within the sewer district.
- (b) Development of Copper Ridge and Stonewall Glen Projects
- (c) Addition of flow from the recently Constructed Windham Car Wash

For these conditions, the maximum projected monthly average wastewater flow is estimated to be 288,000 gpd. The WWTP is permit allows for 445,000 gpd monthly average discharge. WMSC is projected to have a peak daily flow of 74,284 and (conservatively) a monthly average flow of 37,142 gpd.

Sincerely,
Kaaterskill Associates



Darrin Elsom, PE
Principal Engineer