

Trabuco Canyon Little League

Sound and Noise Analysis

June 26, 2016

12:00 noon

Jim Bastian and John Macchiaroli conducted the following sound and noise analysis on June 26, 2016 at 12:00 noon at the Wagon Wheel Sports Park (“WWSP”) on fields used by Trabuco Canyon Little League (“TCLL”).

The purpose of this analysis was to determine the sound and noise impact experienced through the use of loudspeakers at WWSP by TCLL for the upcoming District 68 9-10 year old All-Star Tournament scheduled to be held on July 2-11, 2016.

Loudspeakers were positioned on TCLL Field # 1 (the field closest to residences on Panorama Drive) behind the back stop, facing away from the field toward Oso Parkway as described in the proposal.. A Digital Sound Level Meter (Radio Shack model 33-2055) (“DSLMM”) was positioned at three locations on the far eastern property line of the WWSP bordering the west side of Panorama Drive in Coto de Caza as close as possible to the fence line of common area on Panorama and bordering the one residence that borders the TCLL section of the WWSP. (See, attached overhead view).

The DSLMM was activated by Mr. Bastian to read sounds measuring above 55 dB(A) as defined in the Orange County Ordinance 2700 Section 4-6-2 (See, attached excerpt of the Ordinance) at each of the three locations. Mr. Macchiaroli turned the loudspeaker unit to the on position and turned the volume to a level 6 on a level scale of 1-10 on the volume control for the speaker. Mr. Macchiaroli then made a series of announcements of the type that would occur during the District 68 All-Star tournament while Mr. Bastian measured the Sound Level on the DSLMM at each of the three locations.

At no time did the DSLMM detect any measurable Sound Level from the loudspeakers. The only measurable Sound Levels came from players communicating with one another during their play on the field. The DSLMM did not register anything from the announcements made by Mr. Macchiaroli and they could only faintly be heard by ear. The noise and sound from spectators in the stands and players communicating on the field of play on both fields in use during the test were much greater and registered anywhere from 55dB(A) to 65dB(A).