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MEMORANDUM

To: Robert Miller
Turner Construction

From: Zack Dennis
ATS Consulting

Date: December 13, 2007

Subject: Monthly Noise Report for Raintree Noise Monitors, August 2007

This memorandum presents the results of the noise monitoring near the Raintree residential complex near the West Los Angeles College (WLAC) campus. There are four monitors positioned near the property lines of the Raintree complex to monitor truck noise from the haul road that runs from the northwest corner of campus to Jefferson Boulevard. Each monitor is an independent station consisting of a microphone, sound level meter, cellphone modem, and assorted ancillary equipment. The locations of the monitors are shown in Figure 1.

Currently Monitors 3 and 4 are not active due to problems providing power. We are working with Raintree to provide AC power to the units and will begin reporting data as soon as this occurs.

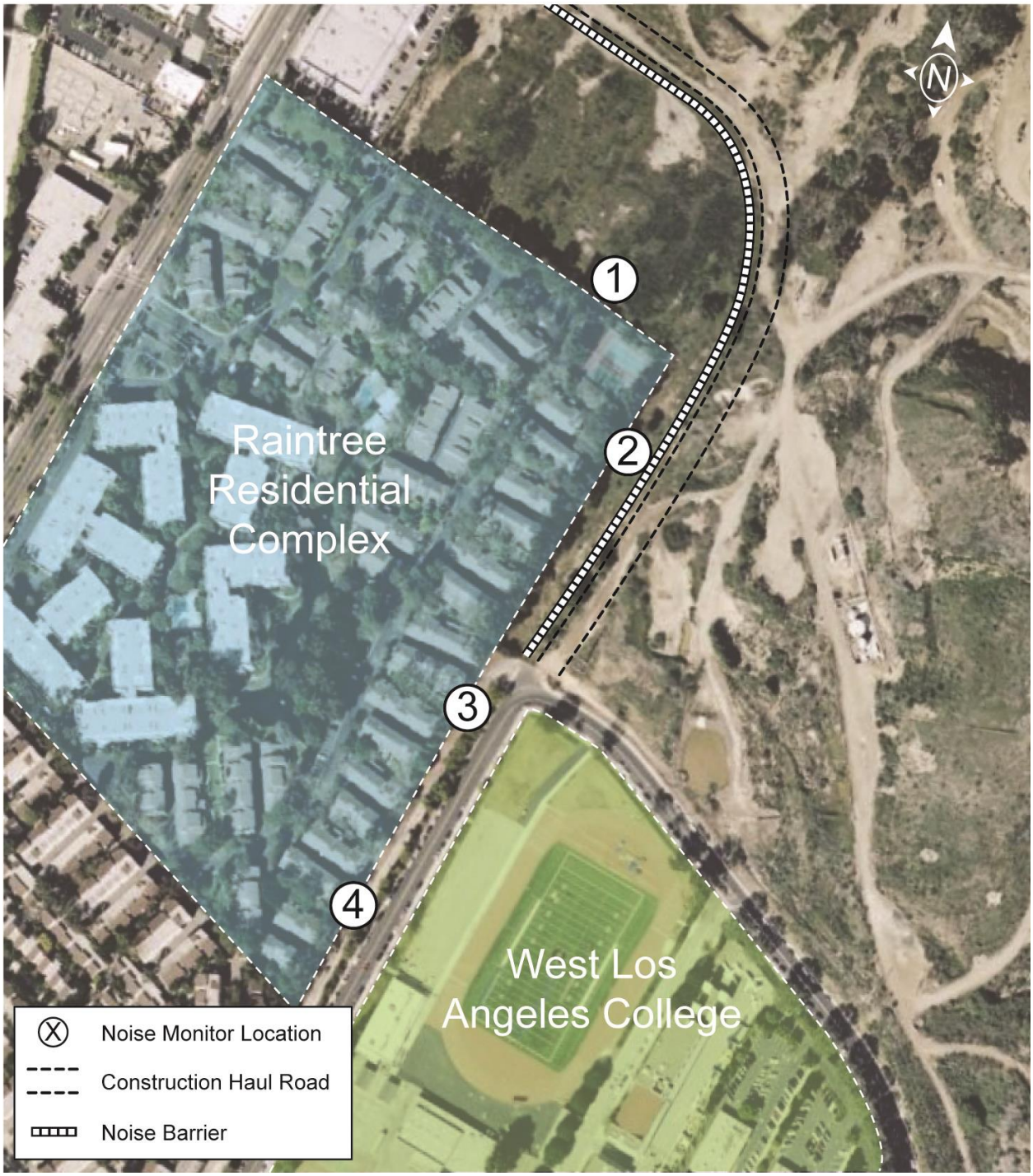

Figure 1: Noise Monitor Locations

Monitor 1

Monitor 1 is located to the northeast of the Raintree complex, near the property wall that separates Raintree Circle from where the haul road cuts through to Jefferson Boulevard. Due to topography, the microphone head is approximately level with the upper stories of the Raintree residences. The monitor is located about 250 feet away from the closest point on the haul road. Prior to construction activity, the primary noise sources in this area were residential traffic noise and athletic activity on the nearby tennis courts.

Table 1. Summary of Monthly Results, Monitor 1

Metric	Sound Level, dBA			
	Average	Maximum	Minimum	Standard Deviation
Day-Night Sound Level (Ldn)	51	53	49	1.0
Daytime Hourly Leq	47	50	40	2.0

Source: ATS Consulting, 2005

Photo of Monitor

Figure 2: Photographs of Noise Monitor 1

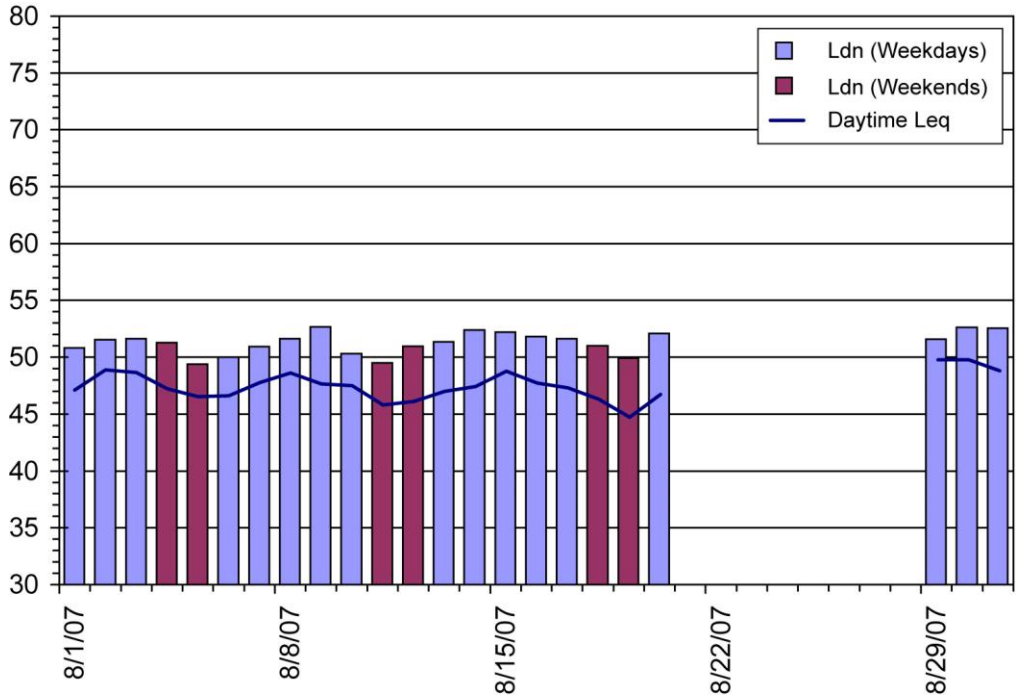

Figure 3: Ldn and Daytime Leq Results

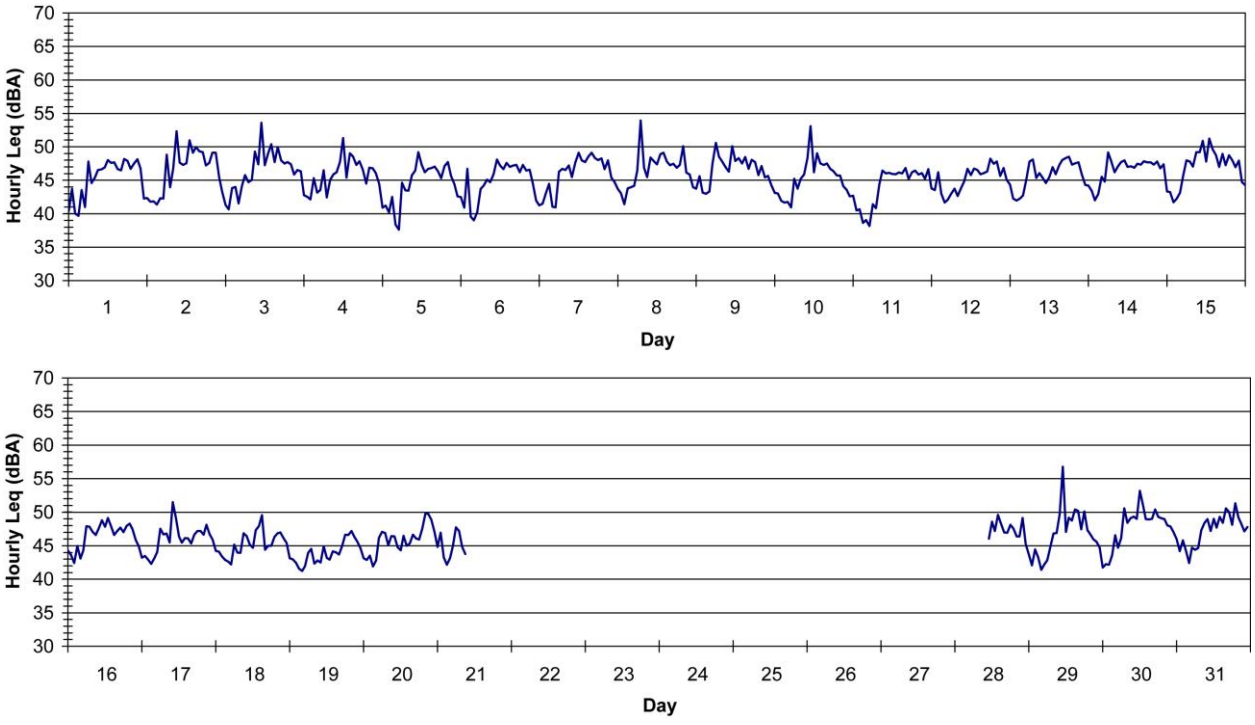

Figure 4: Hourly Leq Results

Table 2. Daily Results Monitor 1, June 2007				
Date	**Sound Level, dBA**			
	Daytime Leq	**Maximum**	**Minimum**	**Ldn**
8/1/07	47	59	37	51
8/2/07	49	60	38	52
8/3/07	49	62	38	52
8/4/07	47	67	38	51
8/5/07	47	60	36	49
8/6/07	47	64	38	50
8/7/07	48	60	38	51
8/8/07	49	71	39	52
8/9/07	48	61	41	53
8/10/07	48	61	38	50
8/11/07	46	57	37	49
8/12/07	46	61	39	51
8/13/07	47	58	40	51
8/14/07	47	59	40	52
8/15/07	49	59	41	52
8/16/07	48	61	41	52
8/17/07	47	62	40	52
8/18/07	46	65	40	51
8/19/07	45	56	39	50
8/20/07	47	60	40	52
8/21/07	40	61	41	50
8/22/07	--[1]	--[1]	--[1]	--[1]
8/23/07	--[1]	--[1]	--[1]	--[1]
8/24/07	--[1]	--[1]	--[1]	--[1]
8/25/07	--[1]	--[1]	--[1]	--[1]
8/26/07	--[1]	--[1]	--[1]	--[1]
8/27/07	--[1]	--[1]	--[1]	--[1]
8/28/07	--[1]	--[1]	--[1]	--[1]
8/29/07	50	65	40	52
8/30/07	50	61	40	53
8/31/07	49	66	41	53

Notes:
1. Data was not lost due to problem with monitor modem.

Discussion

During the month of August the overall noise levels were very consistent with historical values. No unusual noise events were observed. On 8/27 a connectivity problem with the modem at Monitor 1 occurred. During a visit to the monitor the following day, connectivity was restored; however data from the previous week was lost due to an operator error when resetting the monitor settings.

Monitor 2

Monitor 2 is located near the northeast corner of the Raintree complex, south of the tennis courts and close to the property fence on the eastern edge of the Raintree complex. The microphone head is approximately level with the lower stories of the Raintree residences. The monitor is located about 100 feet away from the closest point on the haul road. Prior to construction activity, the primary noise sources in this area were residential traffic noise and athletic activity on the nearby tennis courts.

Table 3. Summary of Monthly Results, Monitor 1

Metric	Hourly Sound Level, dBA			
	Average	Maximum	Minimum	Standard Deviation
Day-Night Sound Level (Ldn)	55	58	51	1.6
Daytime Hourly Leq	51	56	48	2.2

Source: ATS Consulting, 2007

Photo of Monitor

Figure 5: Photographs of Noise Monitor 2

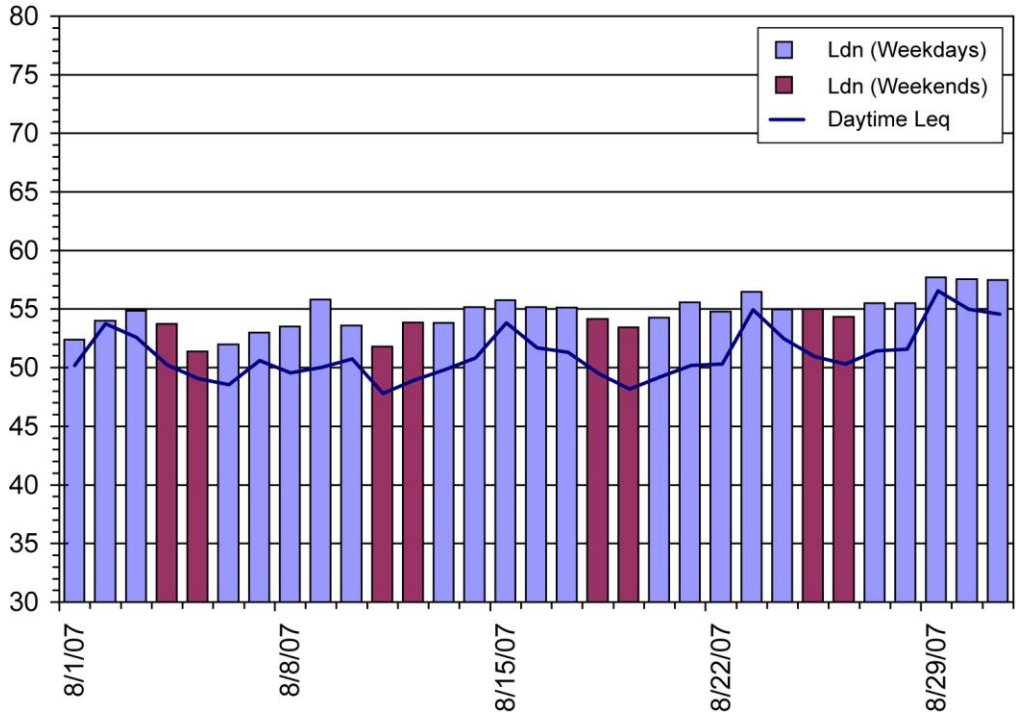

Figure 6: Ldn and Daytime Leq Results

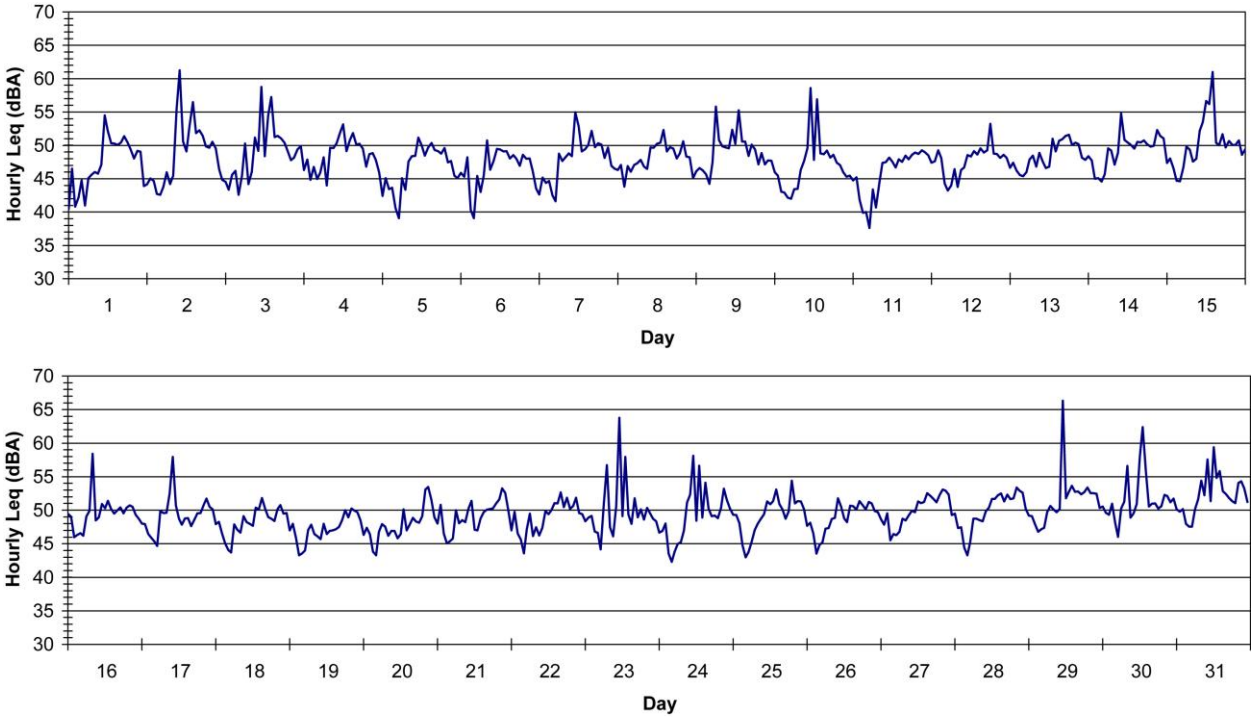

Figure 7: Hourly Leq Results

Table 4. Daily Results
Monitor 2, June 2007

Date	Sound Level, dBA			
	Daytime Leq	Maximum	Minimum	Ldn
8/1/07	50	69	37	52
8/2/07	54	73	38	54
8/3/07	52	73	38	55
8/4/07	50	69	38	54
8/5/07	49	61	36	51
8/6/07	48	65	37	52
8/7/07	50	67	38	53
8/8/07	49	65	40	54
8/9/07	50	71	41	56
8/10/07	51	73	38	53
8/11/07	48	58	36	52
8/12/07	49	67	41	54
8/13/07	50	62	41	54
8/14/07	51	69	41	55
8/15/07	54	71	42	56
8/16/07	52	76	42	55
8/17/07	51	72	42	55
8/18/07	49	67	40	54
8/19/07	48	59	41	53
8/20/07	49	61	40	54
8/21/07	50	64	42	56
8/22/07	50	63	40	55
8/23/07	55	74	39	56
8/24/07	52	72	40	55
8/25/07	51	69	41	55
8/26/07	50	65	40	54
8/27/07	51	63	42	55
8/28/07	51	62	41	56
8/29/07	56	75	44	58
8/30/07	55	69	43	58
8/31/07	54	71	44	57

Source: ATS Consulting, 2007

Discussion

During the month of August the overall noise levels were mostly consistent with historical values, with the average Ldn for the month just 1 decibel higher than historical values, which is not significant. There were several noise events during the month that caused the hourly Leq to exceed 60 dBA, but all of these were short-term in duration.