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HOLLISTER HILLS SVRA
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AMBIENT NOISE MONITORING¹

2008/2009

CHAPTER 1

Month of May 2008

Session 1

24 June 2008

¹*Performed by: Wilson, Ihrig and Associates, Inc.*

The current noise monitoring is being conducted to document ambient noise levels and specifically any noise associated with the newly opened trails on the Renz Ranch Property and the Hudner Ranch Property when that is open to the public. The noise monitoring follows the same methodology used in previous years of noise monitoring for Hollister Hills SVRA subsequent to the EIR for the new property acquisitions.

The locations monitored in May 2008, which are covered by this chapter and the dates of monitoring are as follows:

- Session 1 - Locations 7 and 8 - 5/24/08

The noise metrics logged on an hourly basis were the L_{50} , L_{25} , L_8 , L_2 , L_{max} and L_{eq} at each location monitored. The hourly noise data have been tabulated for each session. Where an hourly noise metric equals or exceeds the Park's noise criteria, the source of the noise has been identified.

The noise data for Session 1 are contained in Tables 1 and 2. Where the monitored ambient noise levels exceed the defined noise standards, the source of the noise has been identified. Single event noises that exceed the L_{max} standard of 60 dBA are indicated in Table 5 which also includes the source of noise and the time that the event occurred.

The meteorological data are contained in Tables 3 and 4 for the session of noise monitored this month.

As can be seen in Table 1, the primary sources of single event noise, which exceeds 60 dBA, are a small plane and high flying jet at Location 7, and numerous exceedences attributable to OHV activity at Location 8 due to a race event at the Grand Prix Track .

Of the Locations monitored to date, Location 8 clearly exhibit noise levels attributable to Park OHV activity, which registered on the strip chart (i.e., they were discernible on the strip chart from the existing ambient). Location 8 is close to the Park's GP track. When a race or practice is in progress, the noise levels monitored at that location are dominated by the dirt bike activity as was observed during Session 1 (24 May, 2008).

The noise data obtained in Session 1 indicate that the noise standards were exceeded at Location 8 due to dirt bike race activity at the Grand Prix track. None of the exceedences were associated with OHV activity on the Renz Ranch Property trails.

Table 1 - Ambient Noise Monitoring Data

Session No. 1
Location No. 7
Date 5/24/08
Start Time 1023
Comments

Hour	L50	L25	L8	L2	Leq	Lmax
1	37	40	43	46	40	59
2	39	42	44	47	41	54
3	40	43	47	52	44	62*
4	40	43	46	51	43	62**

* Noise level due to jet

** Noise level due to small plane

Table 2 - Ambient Noise Monitoring Data

Session No. 1
Location No. 8
Date 5/24/08
Start Time 1015
Comments races at GP track

Hour	L50	L25	L8	L2	Leq	Lmax
1	50*	54*	59*	--**	--**	63*
2	47*	50*	53*	56*	49	63*
3	53*	55*	58*	62*	66	67*
4	50*	56*	59*	65*	--**	68*

* Noise levels due to OHV activity on GP track

** data unavailable due to instrumentation difficulties

Table 3 – Meteorological Data

Session: 1

Day: Saturday

Date: 5/24/08

Monitoring Location No. 7

Time	Air Temp. (°F)	Humidity (%)	Cloud Cover	Precipitation	Wind Direction	Wind Speed* (mph)
1026	59	46	Full	None	NW	1 / 4
1056	58	41	Full	None	NW	3 / 7
1126	65	41	Full	None	NW	2 / 4
1156	66	46	Full	None	NW	2 / 5
1226	67	41	Full	None	NW	2 / 5
1256	66	43	Full	None	NW	2 / 3
1326	63	50	Full	None	NW	2 / 5
1356	62	53	Full	None	NW	1 / 3

* Wind speed - (average/maximum)

Table 4 – Meteorological Data

Session: 1

Day: Saturday

Date: 5/24/08

Monitoring Location No. 8

Time	Air Temp. (°F)	Humidity (%)	Cloud Cover	Precipitation	Wind Direction	Wind Speed* (mph)
1024	60	45	Full	None	W	1 / 2
1059	64	-	Full	None	W	1 / 3
1130	68	51	Full	None	E	2 / 4
1200	65	54	Mostly	None	NW	4 / 5
1230	65	47	Mostly	None	NW	4 / 5
1300	62	55	Full	None	NW	2 / 3
1330	61	62	Full	None	W	2 / 6
1400	-	-	-	-	-	-

* Wind speed - (average/maximum)

Table 5 Single Event Noise Levels Exceeding 60 dBA

Session	Date	Location	Time	L_{max} (dBA)	Source
1	5/24/08	7	1300	62	High flying jet
			1326	62	Small Plane
		8	1 st hour	67*	Dirt bikes with 8 events over 60dBA
			2 nd hour	67*	Dirt bikes with 7 events over 60dBA
			3 rd hour	66*	Dirt bikes with many events (20 - 30/hr) over 60 dBA
			4 th hour	68*	Dirt bikes with many events (20 - 30/hr) over 60 dBA

Note 1: Session 1 at Location 8 produced many single events from dirt bikes exceeding 60 dBA during races at the GP Track.

Note 2: Where a race results in many single event noise levels over 60 dBA, the rate at which they occurred is given instead and just the highest L_{max} (*) for the session is indicated.