

APPENDIX J

SOUND LEVEL READINGS

Crusher Running 8:30 A.M.

4-4-08

Sound level Reading
South Side on top of Berm:
low 63 - peak 75.3

East side on top of Berm
low 51 - peak 85.5
peak was Killdeer's.

North Side
low 62 peak 76.6

9:05
Ridge Top between Dolph
& Minkley by well. - 62.2

Very light gust of
Wind - N.E. - 67.8 dB

walking through crunchy snow
83.2

Slight Breeze from East
Wind noise was 82.2

Culdesac by Cappellet.

52.

magpis

- 67.2

4-7-08

824-J -	111 dB @	0'
Backery alarm.	92 dB @	10'
	82 dB @	15'

Decibal Readings

April 14, 2008

tkn by: Deb

Sunny with a constant light breeze
and strong gusts of wind coming from the
South. (All readings taken from top of berm)

Location

Reading

West of pit by truck parking 83.4 dB

could also hear the sawmill here

South Side (by hay yard) 78.6 dB

South Side (directly S. of crusher) 89.3 dB

East Side (directly E. of crusher) 78.0 dB

loader + D7 reclaiming here

North Side (directly N. of crusher) 88.6 dB

Wind gusts would increase all these readings
by 2-5 dB. - Crushing asphalt.

May 8, 2008

Sunny, with constant breeze from the South, and mild gusts. No crushing, Sawmill not running. Sawmill hauling wood between mill + back of berm. Building new shop, birds in pond.

Location

West of pit by truck parking 65.5

wind gusts 77.7

South of pit by truck yard 61.8

North by pond by trailers 65.0

(near ducks, geese, air trailer) 8

wind gusts 78.1

Didn't walk all the way around pit because there were trucks expected back, and nothing going on - no crushing, no reclaiming etc.

August 4, 2008

- Readings taken starting at 11:45 a.m.
- breeze blowing from the South west.
- First day of crushing. It is sunny. ~~and~~
- There are lots of birds and crickets especially on the berm.

Location	Function: C	max hold response
West of pit by truck		77.8 dB
1 ft front of Scale house door		82.2 dB
directly South of crusher		75.6 77.0 dB
directly North of crusher		75.5 dB
directly east of p crusher		83.2 dB

August 12, 2008

- Quiet using trencher to put in phone line to new shop. Crushing. light breeze from South

Location	Function: C	Response: max hold.
front East corner of Scale Shack		
with trencher: trenching		82.1 dB
w/o trencher: crusher only		64.7 dB

October 2, 2008

Clear Sunny day, no wind, no
crusher, no loader, no trucks, no
Sawmill

	Average		low
Crop duster	85.3	87.9 peak	79.6