APPENDIX J

SOUND LEVEL READINGS
Crushe Running 8:30 A.M.

4-4-08
Second Level Reading
South Side on top of Beam
Low 63  Peak 75.3

East Side on top of Beam
Low 51  Peak 85.5
Peak was Killdeer's.

North Side
Low 62  Peak 76.6

9:05
Ridge Top between Dolph
V-ing by well  — 63.2

Wend N.E. — 67.8 lb
Walking through crunchy snow
83.2

Slight Breeze from East
Wind rose was 82.2
Culdesac by Cappella

52

magnum  67.2

4-7-08

824-J  111 dB @ 0'

Backup alarm  92 dB @ 10'

82 dB @ 15'
Decibel Readings

April 14, 2008

N.B.: No Record

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

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 N of Crusher): 89.3 dB
East Side (directly L of Crusher): 78.0 dB
Loader + 07 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 5, 2008
Sunny, with constant breeze from the South, and mild gusts. No crushing.
Sawmill not running. Sawmill hauling wood between mill and back of barn. Building new shop; birds in pond.

Location
Worq, pit by truck parking 65.6
wind gust 71.7
Sawmill pit by stockyard 61.8
North by pond by trailers 65.0
(birds, ducks, geese, air mail) 8
wind gust 75.1

Didn't work all the way around pit because there were trucks expected back and nothing going on - no crushing, reclaiming etc.
August 4, 2005

Readings taken starting at 11:45 A.M.
Breeze blowing from the South west
First day of raining. It is sunny, and
there are lots of birds and crickets, especially
on the lawn.

Location: Function: C  Method:  Response

- East of pit by truck 77.8 dB
- In front of scale house door 82.2 dB
- Directly South of Crusher 77.0 dB
- Directly North of crusher 78.5 dB
- Directly East of Crusher 83.2 dB

August 12, 2005

Cracks using trencher to put in phone line near shop, Crushing. light breeze from South

Location: Function: C  Response may hold

- East corner of Scale Stack
  - Trenching: trenching 82.1 dB
  - w/o trencher: crusher only 64.7 dB
October 2, 2005
Clear sunny day, no wind, no
crusher, no loader, no trucks, no
Sawmill

Crop duster 55.3 87.9 peak 79.4