H. Noise Data

CAMBRIA DESALINATION FACILITY NOISE DATA
June 6, 1994

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15 minute reading

Center of Reverse Osmosis Site

Begin: 1:00 p.m.

Minimum	40.4 dB:	No wind, no flag
Peak	50.2 dB:	Strong wind, vegetation (3 to 4 feet tall)
Leq	43.6 dBA	

Ended: 1:15 p.m.

NOTES/CONDITIONS:
L-D Model 820
Clear, 20 to 30 mph winds
Natural Topography acts as sound barrier to Highway 1.
Marker in center of site consists of a 25 to 30 foot tall post with flag (3 foot by 5 foot).

Camp Site (Lower-adjacent to CCSD Property)

15 minute reading

Begin: 1:25 p.m.

Minimum	46.3 dB	
Peak	57.1 dB:	Strong wind, vegetation 3 to 4 feet tall
Leq	50.5 dBA	

Ended: 1:40 p.m.

NOTES/CONDITIONS:
L-D Model 820
Clear, 20 to 30 mph winds
Flat, no walls
Highway 1 sound apparent.

Upper Camp Site

15 minute reading

Begin: 1:50 p.m.

Minimum	38.5 dB	
Peak	41.3 dB:	High gust of wind blew vegetation
Leq	39.8 dBA	

Ended: 2:05 p.m.

NOTES/CONDITIONS:
L-D Model 820
Clear, 20 to 30 mph winds

Camp Site Adjacent to Highway 1 and Lagoon

15 minute reading

Begin: 2:15 p.m.

Minimum	48.8 dB	
Peak	70.6 dB:	Truck passes
Leq	58.4 dBA	

Ended: 2:30 p.m.

NOTES/CONDITIONS:
L-D Model 820
Clear, 20 to 30 mph winds
Highway 1 approximately 150 feet to the west
Highway 1 elevated approximately 30 feet above position of noise measurements.
Elevated Highway 1 acted as a barrier to strong wind gusts.

"Flag Lot" (Caisson Location)

15 minute reading

Begin: 12:15 p.m.

Minimum	48.5 dB	
Peak	66.3 dB:	High gust of wind blew vegetation
Leq	59.8 dBA	

Ended: 12:30 p.m.

NOTES/CONDITIONS:
L-D Model 820
Clear, 20 to 30 mph winds
No barrier to wind.
Measure taken approximately 70 feet from bluff edge.