

ACOUSTICAL ANALYSIS REPORT

CLIENT: IDA STEWART ELEMENTARY PHYSICAL ADDRESS: xxxxxxxxxxxxxxxxxxxxxx BRADENTON FL	CLIENT PHONE(S): 941-748-xxxx fax 747-xxxx FIELD CONTACT: Gerard xxxxxxxx, P.E. TITLE: Senior Mechanical Engineer SPECIAL INSTRUCTIONS:
PRE-INSTALLATION CONDITIONS & DATA TECHNICIAN(S): MARYLIN START DATE/TIME: OCT 4 2004 09:15 END DATE/TIME: OCT 4 2004 10:40 TEMP: 80 DEF F WIND: E 7 MPH HUMIDITY: 79% EQUIPMENT USED (Maker/Model): Sencore SP 295	POST-INSTALLATION CONDITIONS & DATA TECHNICIAN(S): S. KINNEY START DATE/TIME: JAN 3 2005 15:20 END DATE/TIME: JAN 3 2005 16:00 TEMP: 79 DEG F WIND: E 4-6 MPH HUMIDITY: 54% EQUIPMENT USED (Maker/Model): Sencore SP 295
INCIDENTAL NOISE SOURCES:	INCIDENTAL NOISE SOURCES:

LOCA-TION	PRE-INSTALLATION RESULTS					POST-INSTALLATION RESULTS					DIFFERENCE	
	NC	LMTG BAND	LB DB	SPL DB	SPL /WT	NC	LMTG BAND	LB DB	SPL DB	SPL /WT	NC	SPL
	1	52	1000	53.7	85.6		38	63	39	45		-14.0
2	52	1000	54.2	86.1		47	250	49.1	62.4		-5	-23.7
3												
4	46	1000	49.2	72		40	500	41.1	47.7		-6	-24.3
5	49	1000	49.8	62.3		38.8	63	39	44.5		-10.2	-17.8
6	46	1000	50	64.1		39	250	40.8	46		-7	-18.1
7	53	500	49.1	72		41	63	43.6	46.3		-12	-25.7
8	50	1000	49.2	71.2		38	63	42.7	46.3		-12	-24.9
9	49	1000	49.7	70.1		42	500	45.1	50.9		-7	-19.2
10	47	1000	49.3	65.6		40	250	42.1	47.1		-7	-18.5
11	53	250	53.7	76.4		44	250	46.1	51.1		-9	-25.3
12	53	250	55.1	69.2		45	250	47.1	51.7		-8	-17.5
13	54	250	56.9	69.2		44	250	45.5	51		-10	-18.2
14	50	250	57.1	70.1		44	250	45	50.1		-6	-20
15	52	500	53.2	83.5		44	250	44.9	51.2		-8	-32.3
16	55	1000	54.3	71.8		43	250	45	49.1		-12	-22.7
17	64	250	74.9	82								
18	64	250	73.2	85.5								
19	64	250	74.9	85.2								
20	64	250	79.4	84.7								
21	64	250	76.1	85.5								
22	53	250	59	76.8		42	63	43	48.6		-11	-28.2
23	64	250	73.9	85.5								
24	56	63	51	63.7		38	2000	41.2	45.4		-18	-18.3

LOCATION: See attached map specifying location of test readings.
NC: Noise Criteria, preferred measurement relative to human hearing.
SPL: Sound Pressure Level is raw sound energy, typically cited in regulatory requirements.