c r o s s r o a d s v e n t u r e s l l c

DRAFT
Environmental Impact Statement

Appendix 22

Sound Impact Study

The Belleayre Resort at Catskill Park

ENSR International
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August 5, 2003

Ken Graham
Crossroads Ventures, LLC
72 Andrew Lane Road
PO Box 267
Mt. Temper, New York 12457

Re: Construction Noise Due to Revised Cut and Fill
Belleayre Project Construction
ENSR Project No. 8736-132

Dear Mr. Graham:

Based on you fax to me on May 23, 2003, construction cut and fills for the Belleayre Project have been balanced, and there is no longer a need to transport 90,000 cubic yards of cut/fill from Wild Acres to Big Indian during the first two years of construction. Noise from trucking of this cut/fill was assumed in Section 4.2.1 of our initial assessment of construction noise for the Project (January 2002).

Since trucking of the 90,000 cubic yards of cut/fill will no longer be required, the noise associated with transporting that material would be eliminated. Therefore, overall construction noise from the Project would be reduced and ENSR's initial construction noise assessment for the Project would present an even more conservative prediction of Project construction noise.

If you have any further questions regarding this issue, please do not hesitate to contact me.

Sincerely,
ENSR International

Scott Manchester
Project Manager
New York Operations

Belleayre Resort at Catskill Park

Community Sound Survey and Construction Noise Impact Assessment

ENSR Corporation
January 2002
Project Number 08736132

Community Sound Survey
and
Construction Noise Impact Assessment

for the Proposed

Belleayre Resort at Catskill Park

January 23, 2002

Prepared by:

ENSR
6601 Kirkville Road
East Syracuse, New York 13057

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1.0 INTRODUCTION

ENSR was retained to evaluate existing (ambient) and potential sound levels in the community surrounding the proposed Belleayre Resort at Catskill Park Project (Project) in the vicinity of the Village of Fleishmanns, and the hamlets of Pine Hill, and Big Indian, New York. Ambient sound levels were determined by conducting a sound level survey in the community surrounding the Project. Potential sound levels due to the construction of the Project were predicted based on acoustical modeling of the Project's major construction noise sources. The predicted Project construction sound levels in the community were used to assess the expected community impact of the Project construction noise. Please note that any potential Project construction noise impacts on the community will be temporary and will end once the Project construction is complete. This report presents details the ambient sound survey methodologies, measurement results, acoustic modeling and noise impact evaluation.

2.0 PROJECT DESCRIPTION

2.1 Project Overview

The proposed Project will be located in the vicinity of the Village of Fleishmanns, and the hamlets of Pine Hill and Big Indian, New York. As shown in Figure 2-1, the project is comprised of two main land parcels, Wildacres Resort and Big Indian Plateau, located on either side of the Belleayre Mountain Ski Center, southwest of New York Route 28 (NY 28).

The Project will consist of the the Wildacres Resort and the Big Indian Plateau developments which will consist of the following construction activities:

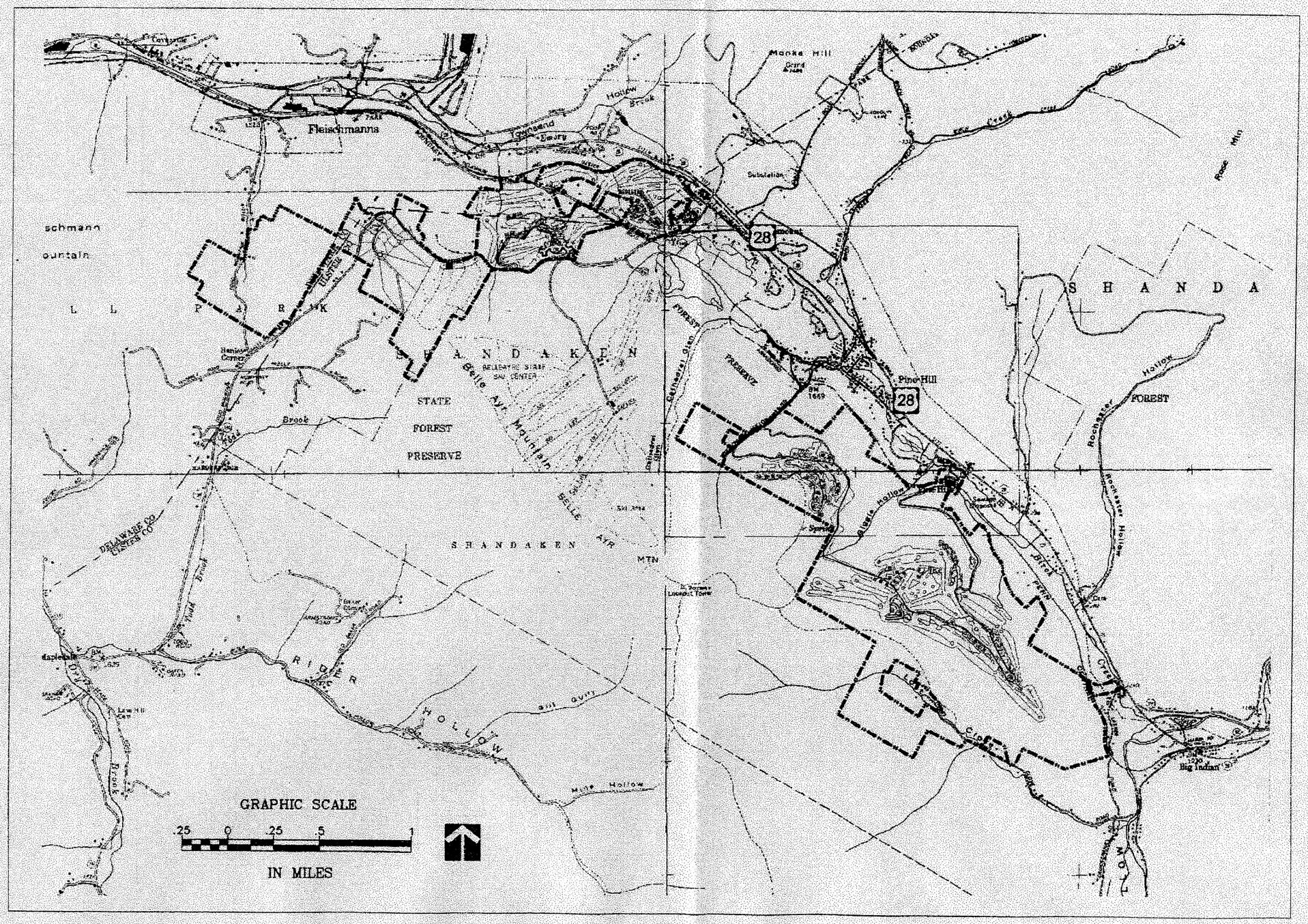
- Access roadways
- 18-hole golf courses and associated facilities
- Buildings construction and renovation (hotels, detached lodging units, and activity buildings)

Noise due to outdoor construction of these facilities is expected to occur during the construction season of April to November, six days per week, 10 hours per day (daytime hours only). Noise emissions during construction are expected to fluctuate due to variations in construction equipment operation, and, except for construction vehicle backup safety beepers, are expected to be broadband in nature (i.e., no prominent discrete tones).

2.2 Community Noise Receptors

Receptors that may be sensitive to unwanted sound (noise) typically include residences, schools, houses of worship, and hospitals. Recreational areas are also considered noise-sensitive receptors, but usually only during daytime hours when areas are occupied. Commercial and industrial properties are not considered noise-sensitive receptors.

Residences lie near the Project within a half-mile of Project boundaries to the northwest, northeast and southeast. These residences may be affected by noise from the Project construction and are classified as potential noise-sensitive receptors. Individual residences were selected as specific receptors at which Project construction sound levels were determined and potential impacts were assessed. Each receptor was selected to represent the nearest residences to each construction area of the Project. Receptors are discussed in further detail in Section 3.1.



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Unauthorized alteration or addition to this document is a violation of Section 7209 of the New York State Education Law.

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BELLEAYRE RESORT AT CATSKILL PARK

DRAFT ENVIRONMENTAL IMPACT STATEMENT

LAYOUT PLAN

Project: 00052
Date:
Figure:

Figure 2-1
Belleayre Resort Project Area

3.0 AMBIENT SOUND LEVEL MEASURMENT

Sound levels in the community surrounding the proposed Project were measured to determine the background (ambient) sound levels and to characterize the existing acoustical environment. This section describes the locations where sound measurements were taken, the methods used to measure ambient sound levels, and a summary of measurement results. Enclosure 1 provides copies of field data forms and the calibration certification of the sound level meter calibrator.

3.1 Measurement Locations

Ambient sound levels were measured at five locations (sites) in the community surrounding the Project. These locations are summarized below and depicted in Figures 3-1 and 3-2.

Site ID	Location and Description
ML-1	County Road 49A (CR 49A) approximately 1 mile northeast of Hanley Corner. Characterizes residences west and northwest of Wildacres Resort on CR 49A.
ML-2	Gunnison Road approximately 1500 yards west of the intersection of Gunnison Road and CR 49A. Characterizes the residences along Gunnison Road north and northeast of Wildacres Resort.
ML-3	Corner of Station Road and Woodchuck Hollow Road. Characterizes residences in Pine Hill community.
ML-4	At east end of Lake Street. Characterizes residences and recreational area near Belleayre Beach at Pine Hill Lake.
ML-5	Lasher Road approximately 30 yards from single lane bridge. Characterizes residences on Lasher Road.

Each site was chosen to characterize the acoustical environment of the noise-sensitive receptors near the Project site. The remainder of this subsection discusses the rationale for the site selection and the specific receptors that each site represents.

Site ML-1 represents residences on CR 49A to the west and residences to the northwest of the Wildacres Resort land parcel. Ambient noise sources were comprised primarily of vehicular traffic from NY 28, occasional traffic on CR 49A, and northwest winds blowing through the valley.

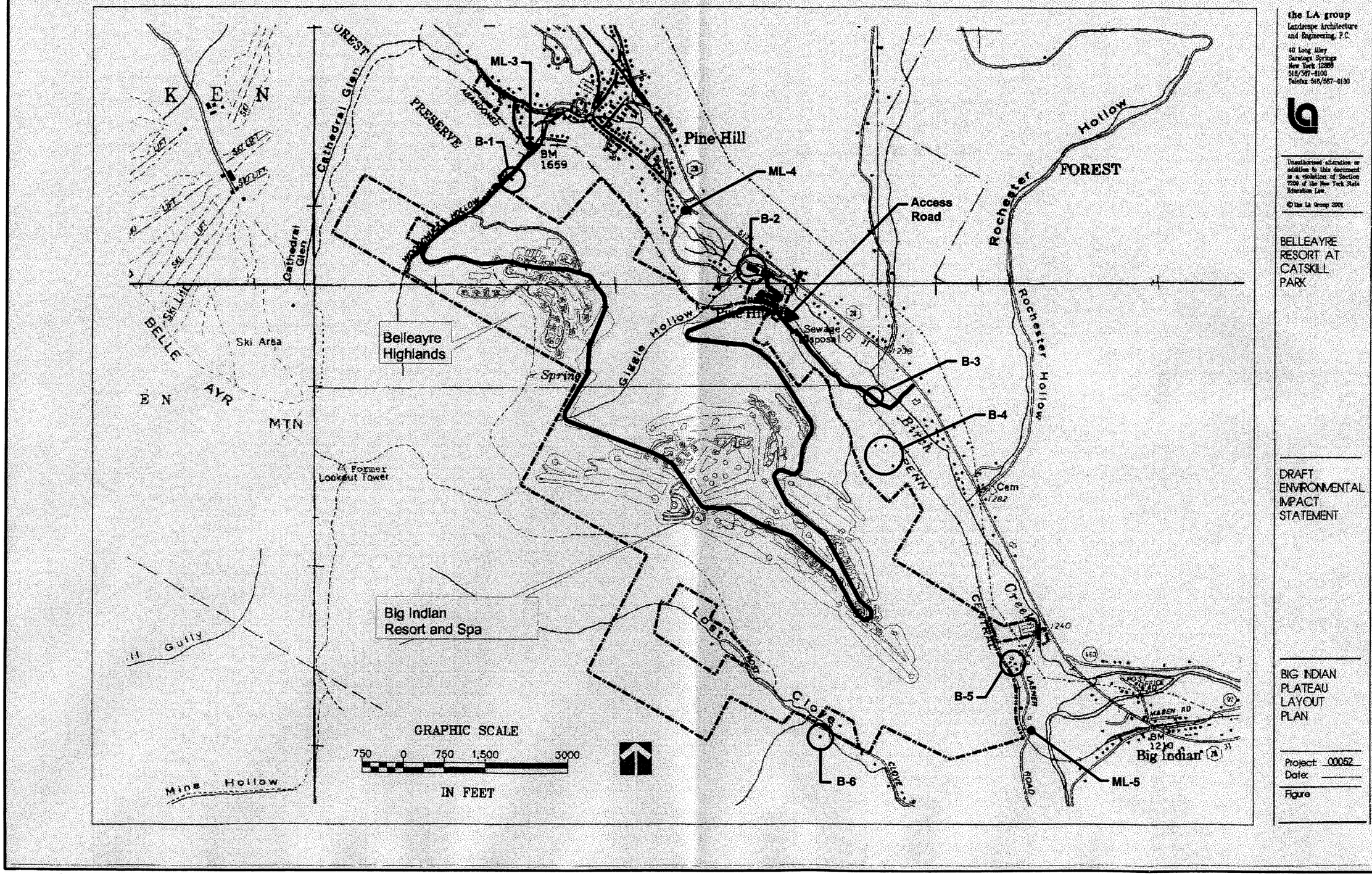


Figure 3-1
Big Indian Project Area

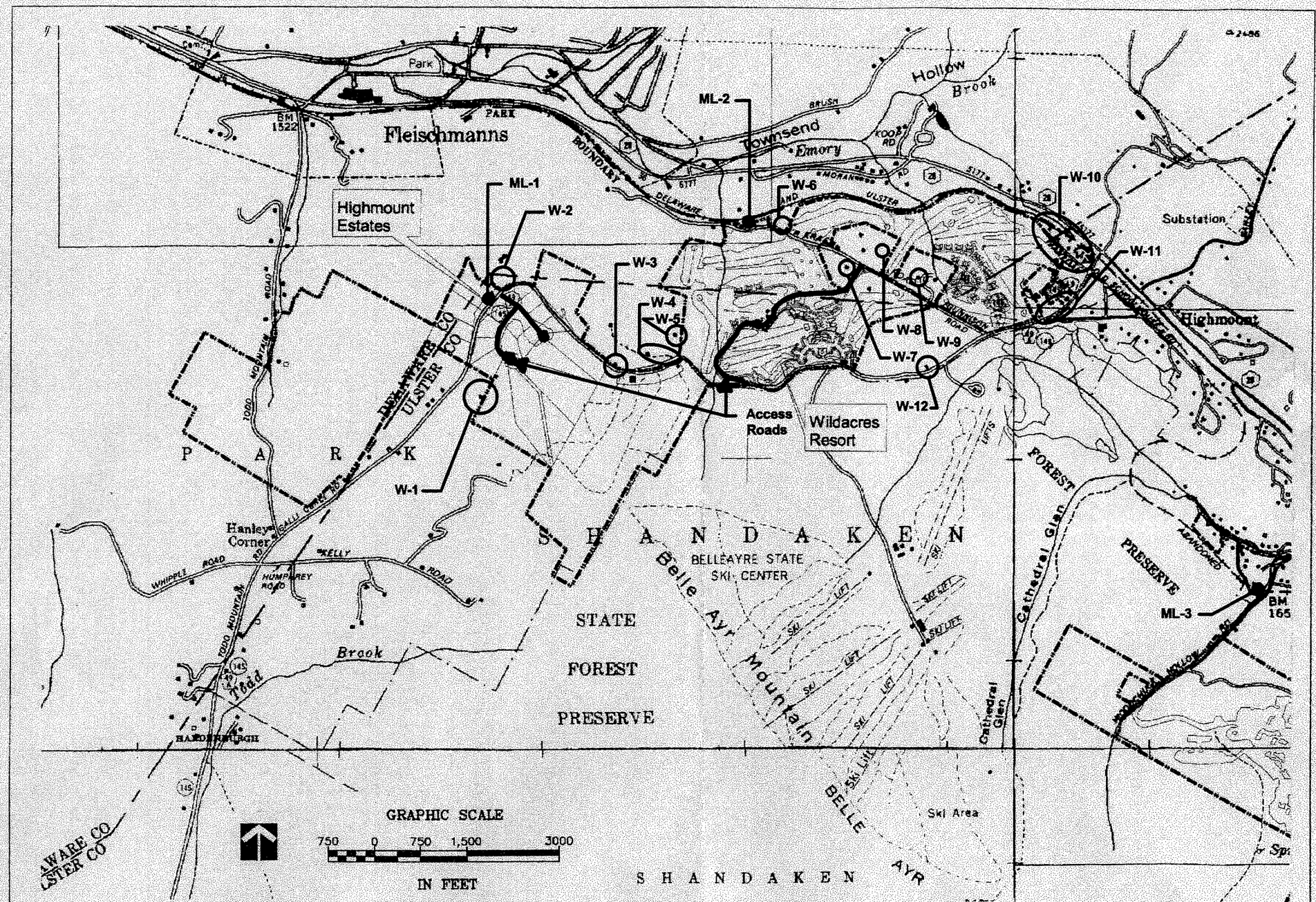


Figure 3-2
Wildacres Project Area

Site ML-2 represents residences near the Wildacres Resort land parcel, and characterizes the nearby sensitive receptors along Gunnison Road to north and east of Wildacres Resort. Ambient noise sources were comprised primarily of vehicular traffic from NY 28, occasional traffic of Gunnison Road, and wind noise in the trees.

Site ML-3 represents residences to the north of the Big Indian Plateau land parcel along Woodchuck Hollow Road. It characterizes residences just outside the Pine Hill community that may be more sensitive to construction noise since they have lower background sound levels due to shielding from NY 28 traffic noise. A nearby stream was the dominant ambient noise source.

Site ML-4 also represents residences north of the Big Indian Plateau land parcel, as well as the recreational areas near the Belleayre Beach at Pine Hill Lake. Although this site is located near ML-3, the acoustical environment is different due to its close proximity to NY 28. A nearby stream (Birch Creek) was the dominant ambient noise source.

Site ML-5 characterizes residences in along Lasher Road east of the Big Indian Plateau land parcel. A nearby stream (Birch Creek) was the dominant ambient noise source.

Table 3-1 presents the noise-sensitive receptors for the Project, the nearest Project construction area to the receptor, and distances to the nearest Project construction area(s). Receptors are also presented in Figures 3-1 and 3-2. Distances from the receptors to the nearest construction noise sources were determined from 4800:1 Project site plans showing Project landmarks overlaid on topographic maps.

3.2 Methodology

A-weighted and one-third octave band sound levels were measured in general accordance with ANSI S1.13 at approximately five feet above grade using an ANSI S1.4 Type 1 portable real-time sound level meter and one-third octave band filter set equipped with an omnidirectional vertically-oriented microphone. In order to minimize extraneous weather-related noise, the sound level meter microphone was equipped with a windscreen, and measurements were conducted only during periods when the measured wind speeds were less than 13 mph and there was no measurable precipitation. Wind speed, wind direction, temperature and humidity was continuously recorded during each measurement period.

To assure accuracy of the measurements, field calibration checks of the sound level meter were conducted using a certified sound level calibrator immediately following each measurement period. In addition, the sound level meter and filter set were factory calibrated within 12 months of the measurements. Calibration certificates are presented in Enclosure 1.

In general, sound levels were measured for eight 30-minute periods at each monitoring site. Monitoring periods were distributed during the daytime and nighttime, and during weekdays (beginning Sunday 10 PM) and weekends (beginning Friday 10 PM) as follows:

- 2 weekday days (7 AM to 10 PM)
- 2 weekday nights (10 PM to 7 AM)
- 2 weekend days (7 AM to 10 PM)
- 2 weekend nights (10 PM to 7 AM)

The specific measurement schedule was determined prior to measurements, and then adjusted as necessary while conducting the measurements. Measurements at each location were non-replicating, and spaced out over the daytime and nighttime hours of several days in order to achieve results that include normal diurnal and day-to-day fluctuations in community sound.

A-weighted measurements were made at a rate of 32 samples per second. A-weighted sound level descriptors, including the energy equivalent sound level (L_{eq}) and the residual sound level (L_{90}) were statistically calculated from automatically recorded and integrated samples (the residual sound level is the continuous sound level that is exceeded during 90 percent of the measurement period). The results were downloaded to a PC computer and later printed. Data reports and summary tables of these results are presented in Enclosure 1.

One-third octave band sound levels from 31.5 to 8,000 hertz (Hz) were measured concurrently with the A-weighted measurements. One-third octave band L_{90} and L_{eq} responses were statistically calculated from automatically recorded and integrated one-third octave band samples collected at a rate of 32 samples per second. Results of sound levels were downloaded to a PC computer and printed. Octave band sound levels were calculated from the decibel sum of the one-third octaves bands results, and are presented in Enclosure 1.

Field information was documented on pre-printed sound survey field forms for each monitoring period and included the following:

- Project information and field technicians
- Instrumentation model and serial numbers
- Field calibration results
- Observations of wind speed, temperature, relative humidity and precipitation

- Site location, test ID and time period
- A sketch of the site location
- Audibly intrusive noises significantly above the perceived residual sound level
- Presence and one-third octave band sound level of any tonal ambient noise
- Traffic information including type and either density or count
- Perceived ranking of most dominant sound sources
- General comments by the field technician including any instrument down time

3.3 Results and Discussion

Table 3-2 presents a summary of the results of the ambient sound level measurements. Supporting documentation for these measurements, and monitoring data summary tables are provided in Enclosure 1.

Results indicate that ML-1 had the lowest average residual sound levels, while the highest residual sound levels were recorded at ML-4. This is consistent with their relative distances from traffic. Average sound levels, which indicate the influence of intrusive noise sources (vehicle pass-bys), were always lower during the night (L_n) than during the day (L_d), as is typical for community settings. ML-1 and ML-2 had slightly higher daytime average sound levels, due to higher wind noise as a result of their elevation and exposure to prevailing westerly winds. ML-3 had the lowest daytime average sound level due to its protected location within a ravine and isolation from traffic noise from NY 28. ML-4 had the highest average nighttime sound level due to its proximity to a brook and traffic on NY 28.

The day-night sound level descriptor (L_{dn}) was used to compare the acoustical environments at each location with typical environmental settings. According to USEPA, the following are typical L_{dn} levels for different environments (USEPA, 1974):

L_{dn} (dBA)	Typical Environment
40 – 50	Rural
50	Small Town or Quiet Suburban Residential
55	Normal Suburban Residential
60	Urban Residential

Based on these descriptions, all sites except ML-4 have acoustical environments typical of rural settings. Site ML-4 has an acoustical environment typical with a small town or quiet suburban residential area.

Tables 3-3 and 3-4 summarize the major sound sources and traffic density at each monitoring site during the daytime and nighttime measurements, respectively. Though sources of continuous residual ambient sound were varied amongst the sites, vehicular noise was consistently responsible for the most significant intrusive increases in the residual ambient sound levels at every site.

Table 3-1

Noise Receptors

Site ID	Receptor ID	Location	Nearest Construction Area	Distance to Nearest Construction Area (feet)
ML-3	B-1	Residence on Woodchuck Hollow Road northwest of Brisbane Mansion	Brisbane Mansion	1400
			Lodging Units	1720
ML-4	B-2	Apartment house south of Friendship Manor	Access Bridge	160
	B-3	Residence on Winding Mountain Road east of intersection with railroad tracks	Access Road	90
ML-3	B-4	Residences on road off of Winding Mountain Road southeast of intersection with railroad tracks	Golf Maint. Facility	1000
			Golf Course Hole 6	1200
			Lodging Units	1520
			Big Indian Plateau	3380
ML-5	B-5	Residence on Lasher Road northeast of hole 4	Golf Course Hole 4	1960
	B-6	Residences on Lost Clove Road south of hole 3	Golf Course Hole 3	1940
ML-1	W-1	Residence southwest of Highmount Estates	Access Road	220
	W-2	Residence north of Highmount Estates	Highmount Estates	120
	W-3	Residence east of Highmount Estates	Highmount Estates	1160
	W-4	Residences west of Wilderness Center	Wilderness Center	240
	W-5	Residence north of Wilderness Center	Golf Course Hole 11	640
			Lodging Units	960
			Marlow Mansion	1400
ML-2	W-6	Residence west of hole 14	Golf Course Hole 14	180
			Satellite Golf Maint.	560
	W-7	Residence east of practice range	Access Road	200
			Clubhouse	920
			Children's Center	940
			Wildacres Resort	1280
	W-8	Residence west of hole 2	Golf Course Hole 2	160
	W-9	Residence west of Clubhouse and Facilities	Golf Course Hole 1	400
			Clubhouse & Facilities	580
			Lodging Units	680
ML-4	W-10	Residences on Van Loan Road north of Museum Parcel	Golf Course Hole 5	300
			Sewage Facility	960
ML-2	W-11	Residences on CR 49A southeast of Museum Parcel	Golf Course Hole 7	360
			Golf Maint. Facility	280
			Lodging Units	680
	W-12	Residence on CR 49A east of Resort	Wildacres Resort	1280

Note: Distances to golf course holes measured from midpoint of nearest part of the fairway, tee-box or green.
Distance to buildings based on site of nearest building.
Distance to access roadways based on nearest point from center of roadway.

Table 3-2

Ambient Sound Level Results

Measurement Location (Site ID)	Average Daytime Sound Level (L_d dBA)	Average Nighttime Sound Level (L_n dBA)	Day-night Sound Level (L_{dn} dBA)	Daytime Residual Sound Level (L_{90} dBA)	Nighttime Residual Sound Level (L_{90} dBA)
ML-1	50	39	49	35	27
ML-2	50	37	49	41	30
ML-3	41	37	44	37	34
ML-4	48	45	52	43	41
ML-5	44	39	47	39	36

Note: L_d and L_n based on time-weighted average L_{eq}

$L_{dn} = 10LOG\{15*(10^{Ld/10})+9*(10^{Ln+10})\}/24$

L_{90} = sound level exceeded for 90 percent of measurement period

Table 3-3

Daytime Sound Sources and Notes

Location	Sound Increase of Major Sound Sources[a]	Traffic Density	Notes
CR 49A (ML1)	Vehicle traffic: 6-39 dBA Van window: 17dBA Aircraft: 14 dBA Crows: 8-11 dBA	CR 49A: Cars: 7/40 minutes NY 28: Moderate	Dominant noise source is from the wind rustling through the trees. Northwest winds mainly at 4 to 6 mph with some gusts to 10 mph.
Gunnison Road (ML2)	Car traffic: 4-23 dBA Police Siren:17-22 dBA Aircraft: 5 dBA	Gunnison Road: Cars: 1/40 minutes NY 28: Moderate	Dominant noise source is from the wind rustling through the trees. North and northwest winds at 0 to 6 mph.
Station Road (ML3)	Car traffic: 3-12 dBA Aircraft (2): 3-19 dBA	Downtown Pine Hill: Cars: light and sporadic	Dominant noise source is from a nearby creek. North and northwest winds at 2 to 4 mph.
Lake Street (ML4)	Car traffic: 3-19 dBA Snow Shovel: 3-4 dBA	Main Street: Cars: light and sporadic	Dominant noise source is from a nearby creek. West and northwest winds at 2 to 6 mph.
Lasher Road (ML5)	Car traffic: 3-25 dBA Children: 4-14 dBA Crows: 3-5 dBA Aircraft: 6 dBA	Lasher Road: Car: 1/40 minutes NY 28: Moderate	Dominant noise source is from a nearby creek. West and northwest winds at 2 to 6 mph.

[a] Sound levels listed indicate dBA above the continuous ambient sound level (L_{90})

Table 3-4

Nighttime Sound Sources and Notes

Location	Sound Increase of Major Sound Sources[a]	Traffic Density	Notes
CR 49A (ML1)	Car traffic: 3-42 dBA Wind gusts: 5-20 dBA Sound meter bumped: 43 dBA Noise from van: 29 dBA	CR 49A: Cars: 7/40 minutes NY 28: Moderate	Dominant noise sources are from the wind rustling through the trees. Wind gusts are audible in the valley to the north, especially during the first and last 5 minutes of testing on 2/25. Northwest and west winds at 4 to 8 mph.
Gunnison Road (ML2)	Car traffic: 7-28 dBA Aircraft: 15 dBA Van window: 7 dBA Unknown noise: 15 dBA	Gunnison Road: Cars: 1/40 minutes NY 28: Moderate	Dominant noise sources were: an unknown rumbling and wind rustling through the trees. North and northwest winds at 2 to 4 mph.
Station Road (ML3)	Car traffic: 5-9 dBA Airplanes (2): 9-17 dBA Unknown noise: 9 dBA	Downtown Pine Hill: Cars: light and sporadic	Dominant noise source is from a nearby creek. Northerly winds at 2 to 4 mph.
Lake Street (ML4)	Car traffic: 4-24 dBA Aircraft: 6 dBA	Main Street: Cars: light and sporadic	Dominant noise sources are from a nearby creek and winds from the SW. West and northwest winds at 1 to 6 mph.
Lasher Road (ML5)	Car traffic: 3-14 dBA Dogs barking: 7-13 dBA Aircraft: 14 dBA Car window: 7 dBA Van door locks: 13 dBA	Lasher Road: Car: 1/40 minutes NY 28: Moderate	Dominant noise sources are from a nearby creek and winds from the SW. West and northwest winds at 1 to 6 mph.

[a] Sound levels listed indicate dBA above the continuous ambient sound level (L_{90})

4.0 NOISE PREDICTION

Construction noise expected to be generated by the proposed Project's construction equipment (noise sources) were estimated and extrapolated to the nearest potential noise-sensitive receptor locations. The sources' sound levels at the receptors were used to predict Project construction sound levels and potential noise impacts at each location. The following subsections discuss:

- Noise guidelines and regulations
- Construction noise sources
- Construction sound levels

4.1 Guidelines and Regulations

There are no federal or state regulations that apply to this project's construction noise. In addition, there are no local ordinances that limit construction noise for this project. However, the NYSDEC has guidelines that require an estimation and evaluation of construction noise impacts as part of their review and approval. The NYSDEC provides guidance on evaluating the impact from project noise in the their program policy document "Assessing and Mitigating Noise Impacts". These guidelines were used in this project to assist in assessing construction noise impacts.

The NYSDEC policy document recommends that project noise impacts be assessed based on the increase that the project noise causes to the existing ambient sound level. Generally, noise from continuous steady-state sound sources are added to the ambient residual (L_{90}) sound level. However, since construction sound has significant temporal variations, construction sound levels for the Project were added to with the ambient average energy-equivalent sound level (L_{eq}).

To determine noise impacts, the total sound level resulting from the decibel sum of the Project construction L_{eq} sound level and the ambient L_{eq} sound level was compared to the ambient L_{eq} sound level sound level. Human responses to increases in the ambient sound level are presented below (NYSDEC, 2000):

Human Reaction to Increases in Sound Pressure Level

Increase in Sound Pressure Level (dB)	Human Reaction
Under 5	Unnoticeable to tolerable
5 to 10	Intrusive
10 to 15	Very noticeable
15 to 20	Objectionable
Over 20	Very objectionable to intolerable

A limit for noise impacts is not specifically defined in the NYSDEC policy document. However, according to the NYDEC policy document, sound sources increasing the ambient sound level by 6 dBA may cause complaints, but that in some instances increases of greater than 6 dBA may be acceptable. The NYSDEC Policy document specifies that "an increase in 10 dBA deserves consideration of avoidance and mitigation" (NYSDEC, 2000). Therefore, the Project construction noise assessment assumes that increases in ambient sound level due to the Project construction of 10 dBA or more (very noticeable) indicate a potentially significant temporary noise impact that requires further consideration and possible mitigation. Therefore, noise impacts from temporary Project construction will be evaluated for significance as follows:

- Estimated Project construction sound levels at the nearest residential receptors will be compared to the existing daytime energy-equivalent A-weighted sound levels (L_d);
- Increases in existing L_d at the nearest residential receptor due to construction of 9 dBA or less will indicate an insignificant temporary construction noise impact and will not require mitigation;
- Increases in existing L_d at the nearest residential receptor due to construction of 10 dBA or greater will indicate a potential significant construction noise impact requiring further discussion and/or possible mitigative steps to reduce or eliminate the impact; and
- Project construction tonal sound levels (prominent discrete tones) will also be identified and discussed.

4.2 Construction Noise Sources

Noise will be emitted from the construction of the Project during daytime hours only approximately 10 hours per day, six days per week. Construction activities that may generate noise emissions at Big Indian Plateau and Wildacres Resort will consist of the following:

- Off-site Construction Traffic
- Access Road Construction and Improvement
- Golf Course Construction
- Buildings Construction and Renovation (hotels, detached lodging units, and activity buildings)

Most Project construction activities except for the detached lodging units will be conducted in the first three years. Construction of detached lodging units and some limited construction of other facilities will be conducted during construction Years 4 though 8, or at a later date, according to demand.

Project construction noise will consist of on-site activities as well as off-site noise created by the transportation of construction materials. Each activity will consist of one or more aspects, which will be assessed separately or together depending upon whether the aspects will coincide. In addition, cumulative noise impacts will also be assessed where the potential exists for noise from one or more construction activities concurrently impact a receptor.

4.2.1 Off-site Construction Traffic

Construction of the Project will result in some temporary increase in construction vehicle traffic along NY 28, CR 49A, and the access roads to the Wildacres Resort and Big Indian Plateau parcels. Commuter automobile traffic to the construction sites is assumed to be minor in comparison, and an insignificant source of construction traffic noise. Big Indian Plateau construction traffic is expected to arrive via NY 28 to Friendship Road to the Big Indian Plateau access road. Wildacres Resort construction traffic is expected to arrive via NY 28 to CR 49A to the Wildacres Resort access roads.

Maximum noise impacts due to construction traffic are expected to occur along CR 49A and the site access roads, due to the proximity of residences and relatively low volumes of traffic. Construction vehicles are expected during construction season and during daytime construction periods only. Most construction traffic will occur during the first three years of construction. In comparison with the first three years, construction traffic for construction Years 4 through 8 will be significantly less.

Construction traffic for the first three years at Big Indian Plateau and Wildacres Resort will be comprised of vehicles needed for the following:

- Trucking out cut from Wildacres Resort to Big Indian Plateau – Years 1 and 2
- Trucking in fill for Big Indian Plateau access road sub-base – Year 1
- Trucking in golf course topsoil to Big Indian Plateau and Wildacres Resort – Big Indian Plateau – Years 2 and 3, Wildacres Resort – Years 1 and 2
- Trucking in golf course material (rootzone, pea stone and sand) – Years 2 and 3
- Trucking in topsoil for resort buildings – Years 2 and 3 (and 4 through 8)
- Trucking in construction equipment and miscellaneous deliveries – Years 1 to 3

Estimated construction traffic trips for Big Indian Plateau and Wildacres Resort are summarized in Table 4-1. Except where noted, traffic was estimated based on engineering data of the quantity of material, assuming 18 cubic yards of material per trip.

As indicated in Table 4-1, most traffic during the first construction season of April through late November will be from moving fill from Wildacres Resort to Big Indian Plateau. Most construction during the second and third construction years will be from topsoil fill for the golf courses. Estimates assume material is moved six days per week, and assume all other additional construction vehicle trips and miscellaneous material delivery's to be three trucks per day.

4.2.2 Access Roads

Access road construction for the Wildacres Resort and Big Indian Plateau parcels will be conducted and substantively completed during the first year of Project construction. An estimate of the aspects of construction was estimated by the applicant's engineer, and consists of the following aspects:

- Clearing
- Earth Excavation
- Rock Excavation
- Bridgework (Big Indian Plateau only – 3 Bridges)
- Drainage Pipework (Big Indian Plateau only)
- Subgrade Subbase

- Trim/Clean-up/Topsoil/Grade
- Asphalt Pavement
- Rock Crushing

Rock crushing will be the only aspect of the access road construction that is not conducted along the roadway. Rock crushing will be conducted at a single location for each project parcel. Big Indian Plateau rock crushing will be located at the Big Indian Resort and Spa, and the Wildacres rock crushing wil be located at the Wildacres Resort.

Aspects are assumed to be performed sequentially along the roadway. Therefore, construction sound levels were calculated for each aspect. The estimated types and quantities of construction equipment to be used during each aspect of the access road construction are presented in Enclosure 2. The sound level from each individual piece of equipment was determined from literature based on the equipment type, size and/or horsepower expected to be used.

4.2.3 Golf Courses

Noise from the Project golf course construction is expected to occur over the first three years of construction. During the first two years of construction, all 18 holes of Highmount Golf Club at Wildacres Resort and nine holes of the Big Indian Country Club Golf Course will be completed. The final nine holes of the Big Indian Country Club will be competed during the third year. An estimate of the construction to be completed each year was provided by the applicant's engineer and the applicant, and consists of the following:

- Big Indian Plateau - Year 1: Blasting, crushing, pond excavation, clearing, grubbing and filling
- Big Indian Plateau - Year 2 and 3: Grubbing, golf course construction and stabilization
- Wildacres Resort - Years 1 and 2: Blasting (Year 1 only), clearing, grubbing, pond excavation and golf course construction

These aspects of construction within each year are expected to overlap each year (some aspects will take place concurrent with others). Therefore, sound levels were calculated by conservatively assuming that all construction aspects during the given year occur at the same time (worst-case scenario).

The types and quantities of noise-generating equipment used in the Project construction are generally similar for each of the golf courses, and are presented in Enclosure 2. The sound level from each

individual piece of equipment was determined from literature based on the equipment type, size and/or horsepower expected to be used.

4.2.4 Buildings Construction and Renovation

Specific information on the equipment for the construction and upgrades for Project buildings (resorts, facilities, buildings and lodging units) are not available in this preliminary design stage of the Project. However, noise will be emitted from a variety of construction equipment that generally include the following (BBN, 1971):

- Earth moving equipment (compactors, loaders, backhoes, graders, pavers, and trucks)
- Material handling equipment (cranes, concrete mixers and concrete pumps)
- Stationary diesel equipment (pumps, compressors and generators)
- Impact equipment (jack hammers, pneumatic tools, and pile drivers)
- Other equipment such as welders, vibrators and saws

Such equipment will be operated simultaneously, individually or in various combinations. Since details on the types, quantities and sizes of the major construction noise sources are not available, single descriptors of sound levels were used as an estimate of typical construction noise from the various construction sites. Table 4-2 presents typical energy-average (L_{eq} at 50 feet) construction noise estimates that are provided in literature for five types of construction (BBN, 1971).

4.3 Construction Sound Levels

4.3.1 Off-site Construction Traffic

Noise increases due to construction traffic were calculated based on the average increase in sound level at the nearest noise-sensitive receptors. Estimates were based on the expected number of vehicle pass-bys per hour using the following equation (adapted from ESEERCO, 1974):

Equation 1. Sound Level from Construction Traffic

Sound Level (L_{eq} in dBA) = $SPL_a - A - B - 15Log[D] - C - E$

where: $SPL_a = L_{50}$ sound level (50 feet) for given vehicle trips/hr at given mph

$A = L_{50}$ to L_{10} sound level correction

B = L_{10} to L_{eq} sound level correction

D = distance to receptor in feet

C = 3 dB/100 ft correction for insertion loss of woods (NYSDEC, 2000)

E = -6 dBA reduction for terrain barrier to line-of sight (Hoover and Keith, 1981)

As indicated in Equation 1, estimated sound levels were calculated assuming a reduction of 4.5 dBA per doubling of the distance that occurs over the distance between the source and receptor. When woods were located between the construction source and the receptor, estimated sound levels also include a conservative insertion loss of 3 dBA per 100 feet of woods up to a maximum insertion loss of 25 dBA. Actual insertion loss by vegetated areas may be up to 7 dBA per 100 feet depending on vegetation type and density (NYSDEC,2000). Reductions due to barriers caused by topography between the construction source and the receptor were also conservatively assumed to reduce sound levels by 6 dBA. Actual reductions due to topography barriers can range from 6 to over 20 dBA (Hoover and Keith, 1981).

Estimated sound levels from access road construction are presented in Table 4-4. Predicted construction traffic sound levels are presented in Table 4-3. Estimates are based on the average number of vehicle pass-bys per hour assuming two vehicle pass-bys per trip and trips are made over a 10-hour day. Big Indian Plateau traffic is assumed to enter the Big Indian Plateau via the northeast access road entrance (Winding Mountain Road) mainly during the first six months of the first construction year, and then mainly via the northwest main access road entrance for years two and three. All Wildacres Resort traffic is assumed to enter via CR 49A and the Wildacres Resort access roads.

4.3.2 Access Road Construction

Sound levels estimates for the Wildacres Resort and Big Indian Plateau access road construction were calculated based on the expected construction sound level (L_{eq}) for each construction aspect at the nearest sensitive receptor to the roadway. Estimates reflect the worst-case scenario in that they are calculated based on the closest point of roadway construction to the receptor.

In order to compare the construction sound level with existing sound level, the maximum instantaneous construction sound pressure level (SPL) of each piece of equipment at its rated peak output was converted to its L_{eq} sound levels based on the following equation (adapted from ESEERCO, 1974):

Equation 2. Equipment Reference Sound Level

Equipment Reference L_{eq} (dBA) = $SPL_a - A - B$

where: SPL_a = Equipment maximum sound level (50 feet) at peak load

A = Usage Factor. Correction for percent time of actual use (BBN, 1971).

B = Acoustical Max Factor. Correction for operation at less than peak load.

The reference L_{eq}'s for each piece of equipment were then summed using decibel addition to yield the total construction reference L_{eq} for each aspect as follows:

Equation 3. Decibel Addition

Total Sound Level (dBA) = $10Log\{(10^{L1/10} + 10^{L2/10} + \ldots + 10^{Ln/10}\}$

where: Ln = nth sound level

Total construction reference L_{eq} for each construction aspect was then used to estimate the construction sound level at the nearest receptor based on the following equation (adapted from NYSDEC, 2000):

Equation 4. Total Construction L_{eq} at Receptor

Total Construction L_{eq} at Receptor (dBA) = $SPL_a - 20Log[D_{rec}/D_{ref}] - A - B$

where: SPL_a = Construction Reference L_{eq}

$20Log[D_{rec}/D_{ref}]$ = attenuation of sound due to distance (6 dBA per doubling)

D_{rec} = distance to nearest receptor in feet

D_{ref} = construction reference L_{eq} distance = 50 feet

A = 3 dB/100 ft insertion loss for woods between source and receptor

B = -6 dBA reduction for terrain barrier to line-of sight

As indicated in Equation 4, estimated sound levels were calculated assuming a reduction of 6 dBA per doubling of the reference L_{eq} distance of 50 feet that occurs over the distance between the source and

receptor. When woods were located between the construction source and the receptor, estimated sound levels also include a conservative insertion loss of 3 dBA per 100 feet of woods up to a maximum insertion loss of 25 dBA. Reductions due to barriers caused by topography between the construction source and the receptor were also conservatively assumed to reduce sound levels by 6 dBA. Distances from the nearest receptor were conservatively determined by choosing the closest point in the road construction to the receptor. Estimated sound levels from access road construction are presented in Table 4-4.

4.3.3 Golf Course Construction

Sound level estimates for the Big Indian Country Club and Highmount Golf Course at Wildacres Resort construction were calculated based on the expected construction sound level (L_{eq}) for each construction aspect at the nearest sensitive receptor to the course. Estimates present the worst-case scenario in that they are calculated for the golf course hole closest to the receptor, at the tee-box, nearest fairway section or green nearest the receptor.

Estimated sound levels from golf course construction are presented in Table 4-5. Methodologies and equations for estimating the golf course construction levels at each receptor are the same as used for estimating the access road construction sound level. Sound levels were estimated for each year of construction, assuming aspects of construction would overlap within each year.

4.3.4 Building Construction

Sound levels estimates for building construction at Big Indian Plateau and Wildacres Resort were calculated based on the typical ranges of sound levels at building construction sites (see Section 4.2.4). Building construction consist of construction or renovation of hotels, resorts, facilities, support buildings, and detached lodging units. For typical construction, the highest construction sound levels generally occur during the excavation and finishing, where energy-average sound levels (L_{eq}) are 88 dBA for housing and smaller building construction and 89 dBA at 50 feet for hotels, large buildings and public works (BBN, 1971).

Most building construction except for the detached lodging units and houses in the subdivision is planned for the first two years of Project construction. Though a few lodging units are planned for the first two construction years, most will be constructed as needed over construction Years 3 through 8.

Estimated sound levels for building construction are presented in Table 4-6. Methodologies and equations for estimating the reduction in construction level to each receptor were the same as used for estimating sound reductions for the access road and golf course constructions. Distances to the receptor were assumed to be from building site to the receptor, or in the cases of multiple buildings, distances were measured from the worst-case scenario of the nearest proposed building site to the

receptor. Estimates were also conservatively estimated based on the worst-case scenario of the loudest construction type, and, except where noted, assumed that all pertinent equipment would be present at the site rather than minimum required equipment. Due to the relatively large size of the overall Project construction area compared with the distances to receptors, construction sound levels for each building were estimated separately, and assume that sound from construction of one building will not increase sound levels in the construction of other buildings.

Table 4-1

Construction Traffic

Activity	Fill (cubic yards^3)	Estimated Number of Weeks per Year	Big Indian Plateau Roundtrips per day			Wildacres Resort Roundtrips per day		
			Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Move Fill – Wildacres Resort to Big Indian Plateau	90,000/ 2 years	35 weeks	12.3	12.3	0	12.3	12.3	0
Big Indian Plateau Access Road Sub-base	17,000	35 weeks	4.5	0	0	0	0	0
Topsoil	2,760 – 3,480	21 weeks	0	27.6	20	25.7	21.9	0
Golf Course Material	8,200 / 2 years[a]	21 weeks	0	1.4	1.4	0	1.4	1.4
Resort Topsoil	11,000 / 8 years	35 weeks	0.1	0.9	0.9	0.1	0.9	0.9
Construction Equipment and Miscellaneous Trips (3 to 4 per day)	-	35 weeks	3.5	3.5	3.5	3.5	3.5	3.5
Total	-	-	**20**	**46**	**26**	**42**	**40**	**6**

[a] Assumes 280 trips per season.

Table 4-2

Construction Sound Levels[a]

Construction Aspect	Hotel and Major Facilities		Residences and Small Buildings	
	Minimum Equipment On-site (dBA)	All Pertinent Equipment On-site (dBA)	Minimum Equipment On-site (dBA)	All Pertinent Equipment On-site (dBA)
Clearing	84	84	83	83
Excavation	79	89	75	88
Foundations	78	78	81	81
Erection	75	87	65	81
Finishing	75	89	72	88

[a] L_{eq} at 50 feet

Table 4-3

Predicted Off-site Construction Traffic Sound Levels

Location	Year	Average Vehicle Pass-bys per hour	Traffic Sound Level (50 feet) (dBA)	Nearest Receptor	Receptor Distance (feet)	Distance Attenuation (dBA)	Wooded Distance (feet)	Woods Insertion Loss (dBA)	Traffic Sound Level at Receptor (dBA)
Big Indian Plateau Access Rd	1	9	60	B-3	90	-4	70	-2	54
	2	9	60	B-2	160	-8	0	0	52
	3	5	53	B-2	160	-8	0	0	45
Wildacres Resort Rt. 49A	1	8	59	W-11	80	-3	0	0	56
	2	8	59	W-11	80	-3	0	0	56
	3	1	39	W-11	80	-3	0	0	33

Table 4-4

Access Road Construction Sound Levels

Location	Aspect	Construction Sound Level (dBA at 50 ft)	Nearest Receptor	Receptor Distance (feet)	Distance Attenuation (dBA)	Wooded Distance (feet)	Woods Insertion Loss (dBA)	Construction Sound Level (dBA)
Big Indian Plateau	Clearing	85	B-3	90	-5	70	-2	77
	Earth Excavation	90	B-3	90	-5	70	-2	82
	Rock Excavation	86	B-3	90	-5	70	-2	78
	Bridgework	83	B-2	160	-10	0	0	73
	Drainage Pipework	80	B-3	90	-5	70	-2	72
	Subgrade Subbase	81	B-3	90	-5	70	-2	73
	Trim/Clean-up/Topsoil/ Grade	84	B-3	90	-5	70	-2	76
	Asphalt Pavement	81	B-3	90	-5	70	-2	73
	Rock Crushing[a]	89 (at 100 ft)	B-4	3380	-31	1600	-25	33
	Typical[b]	**84**	**-**	**3700**	**-37**	**3500**	**-25**	**22**
Wildacres Resort (includes Highmount Estates)	Clearing	85	W-7	200	-12	200	-6	67
	Earth Excavation	90	W-7	200	-12	200	-6	72
	Rock Excavation	85	W-7	200	-12	200	-6	67
	Subgrade Subbase	81	W-7	200	-12	200	-6	63
	Trim/Clean-up/Topsoil/ Grade	84	W-7	200	-12	200	-6	66
	Asphalt Pavement	79	W-7	200	-12	200	-6	61
	Rock Crushing[c]	89 (at 100 ft)	W-7	1000	-20	500 feet plus terrain barrier	-15 -6	48
	Typical[b]	**84**	**-**	**1000**	**-26**	**3500**	**-12**	**46**

[a] Rock crusher to be permanently located during construction near parking lot of Big Indian Resort and Spa.
[b] Based on average construction sound level at 50 feet, and average distance from receptor.
[c] Rock crusher to be permanently located during construction at northwest parking lot of Wildacres Resort Hotel.

Table 4-5

Golf Course Construction Sound Levels

Location	Years	Construction Sound Level (dBA at 50 ft)	Nearest Receptor	Receptor Distance (feet)	Distance Attenuation (dBA)	Wooded Distance (feet)	Woods Insertion Loss (dBA)	Construction Sound Level (dBA)
Big Indian Plateau –	1	90	B-4	1200	-28	1200	-25	37
	2	89	B-4	1200	-28	1200	-25	36
	3	90	B-4	1200	-28	1200	-25	37
Wildacres Resort	1 and 2	91	W-8	160	-10	80	-2	79

Table 4-6

Building Construction and Upgrade Construction Sound Levels

Location	Aspect	Construction Sound Level (dBA at 50 ft)	Nearest Receptor	Receptor Distance (feet)	Distance Attenuation (dBA)	Wooded Distance (feet)	Woods Insertion Loss (dBA)	Construction Sound Level (dBA)
Big Indian Plateau	Resort, Spa and Country Club	89	B-4	3380	-37	1600	-25	27
	Golf Maint. and Satellite Maint. Facilities	88	B-4	1000	-26	800	-24	38
	Lodging Units	88	B-4	1520	-30	1400	-25	33
	Belleayre Highlands Brisbane Mansion and Facilities	89	B-1	1400	-29	1200	-25	35
	Belleayre Highlands Lodging Units	88	B-1	1720	-31	1400	-25	32
Wildacres Resort	Resort and Facilities	89	W-7	1280	-28	400	-12	49
	Clubhouse and Facilities	88	W-9	580	-21	440	-13	54
	Lodging Units (21 Octoplexes)	88	W-9	680	-23	0	0	65
	Golf Maintenance Facility	88	W-11	460	-19	0	0	69
	Golf Maintenance Satellite Facility	88	W-6	280	-15	100	-2	71
	Marlow Mansion	88	W-5	1400	-29	400	-12	47
	Children's Center	88	W-7	940	-25	440	-13	50
	Clubhouse	88	W-7	920	-25	440	-13	50
	Sewage Treatment Facility	89	W-10	960	-26	960	-25	38
	Wilderness Activities Center Renovation[a]	81	W-4	240	-14	240 plus terrain barrier	-7 -6	54
	Highmount Estates Lodging Units	88	W-2	240	-14	200	-6	68

[a] Sound level assumes no significant ground clearing and minimum construction equipment on-site.

5.0 NOISE IMPACT ASSESSMENT AND MITIGATION

5.1 Assessment Criteria

Noise impacts were assessed in comparison with criteria presented in Section 4. In general, temporary noise impacts were predicted where Project construction was estimated to increase the ambient sound levels by 10 dBA or more. Increases in sound level at receptors of 9 dBA or less were assesses as insignificant temporary noise impacts, assuming the character of the sound was not dominated by tonal noise (prominent discrete tones).

5.2 Tonal Noise Impacts

Project construction will mainly consist of diesel engine noise that is broadband in nature without predominant tonal noise. Though some minor tonal noise may be emitted by some individual pieces of equipment, these tones would be masked by sound from other sources, and are predicted to result in no audible prominent discrete tones at any receptor. The only major tonal noise expected from Project construction will be due to back-up beepers, which are a law-required safety feature that cannot practically be avoided on temporary construction sites. However, since most construction will be conducted at considerable distance from receptors, and through large distances of wooded areas, impacts from back-up beeper tonal noise on any specific receptor are expected to be minimal and short term.

5.3 Blasting Noise Impacts

Excavation for the Wildacres Resort, the Big Indian Resort and Spa, and the Big Indian Country Club ponds will include some explosive blasting of bedrock. The size of the explosive charges to be used is not yet determined. However, instantaneous sound levels from typical construction blasting has been documented as approximately 93 to 94 dBA at a distance of 50 feet (Hoover and Keith, 1981), which is only a few decibels higher than the expected reference sound level from several of the Project construction activities. In comparison with other construction sound, the sound from blasting will be brief and relatively infrequent. Furthermore, previous blasting has been conducted on Belleayre Mountain by New York State without noise impact on the community (Crossroads, 2001).

The nearest blasting to receptors is expected to occur for the underground parking area of the Wildacres Resort, approximately 1500 feet south of the R7. R7 will be shielded from the blast by terrain and woods, and the brief sound level of the blast at R7 is estimated to be only 46 dBA, which is 4 dBA below the existing ambient daytime average sound level. Therefore, blasting for this project is not expected to significantly contribute to overall Project construction noise.

5.4 Big Indian Plateau Noise Impacts and Mitigation

The change in sound levels resulting from Project construction at Big Indian Plateau is presented in Table 5-1. Temporary construction noise impacts are predicted to occur during portions of the access

road construction. All other construction is estimated to result in temporary increases in sound level of 9 dBA or less, which indicates insignificant noise impacts that do not require mitigation.

Noise from access road construction will occur during the first construction year, and will, for a brief time, be expected to impact receptor B-2, and to a lesser degree residences at receptors B-3 and B-4. Impacts will be transient, and are predicted to occur only when construction is conducted within 500 feet of a receptor. Since only approximately 5 percent of any access roadway are within 500 feet of any given receptor, access road construction impacts are expected to be short term, and noise impacts on any specific receptor are expected to be limited to less than 2 weeks in duration (assuming a 35-week construction completion schedule). Access road construction more than 500 feet from a receptor is not expected to result in significant noise impacts (9 dBA increase or less). In addition, at typical distances, access road construction will generally result in no increase in ambient sound levels at any receptor along the access roadway.

Access road construction sound can be partially mitigated when near receptors by using the minimum required construction equipment necessary for each task, and by shutting down equipment when not in use. A reduction of approximately 3 dBA can be expected by reducing on-site equipment usage by 50%. Additional mitigation of access road construction, such as the construction of barriers is not deemed practical for reducing the access road construction noise due to the local topography and significance of the additional noise associated with the barrier construction effort compared with the limited duration of the noise impacts.

5.5 Wildacres Resort Noise Impacts and Mitigation

The change in sound levels resulting from Project construction at Wildacres Resort is presented in Table 5-2. Temporary construction noise impacts are predicted to occur during portions of the following construction activities:

- Access Roads
- Highmount Golf Club
- Highmount Estates Lodging Units
- Golf Maintenance Facility and Golf Maintenance Satellite Facility

All other construction is estimated to result in temporary increases in sound level of 9 dBA or less, which indicates an acceptable level of temporary noise impacts that do not require mitigation.

Access Roads. Noise from the Wildacres Resort access roads and Highmount Estates access roads construction will occur during construction Year 1 and is, for a very limited period of time, expected to impact the residence at receptor W-7, and to a lesser degree residences at receptors W-1, W-2 and W-8. Noise impacts are expected to be transient and limited to portions of the access road within 500

feet of the receptors. Access road construction more than 500 feet from a receptor is not expected to result in significant noise impacts (9 dBA increase or less). Since only approximately 20 percent of any access roadways are within 500 feet of a receptor, access road construction impacts are expected to be short term, and noise impacts on any specific receptor are expected to be limited to approximately a month and a half in duration.

Mitigation of the Wildacres access roads would be similar to the mitigation recommended for the Big Indian access road by minimizing on-site equipment usage when within 500 feet of residences. A reduction of approximately 3 dBA can be expected by reducing on-site equipment usage by 50%. Additional mitigation of Wildacres access road construction, such as the construction of barriers, is not deemed practical due to the local topography and the additional construction sound that would result during barrier construction compared with the limited duration of the noise impacts.

Highmount Golf Club. Noise from construction of the Highmount Golf Club will occur during construction Years 1 and 2, and is, at times, expected to impact residences at receptors W-8, W-6, and to a lesser degree other nearby Wildacres Resort receptors with a line-of-sight view of construction. As a result, mitigation is recommended in order to reduce the noise impacts to an insignificant level.

Mitigation of the Highmount Golf Club construction noise impacts is recommended in two steps. Mitigation of noise at distances of greater than 500 feet from the line-of-sight to a receptor may be accomplished by maintaining a 500 foot vegetative barrier between the construction and the receptor. This would mean that the clearing, grading and preparation of holes within 500 feet of receptors should be conducted later in the construction schedule. Please note that where line-of-sight from the construction area to the receptor is blocked by a natural or man-made barrier, then the vegetatively buffered distance may be reduced to 300 feet. Sound level reductions due to distance attenuation and vegetative insertion loss over the 500 feet are expected to be -23 dBA and sufficient to decrease noise impacts at all receptors to below significance.

For distances within 500 feet of a residence, a mitigative barrier and reduced equipment usage is recommended. To provide satisfactory sound reduction, the barrier should be located within 150 feet of either the receptor or the construction area, and it should extend at least 10 feet above the line-of-sight between the construction noise sources and the receptor. In addition to the barrier, further sound reduction can be achieved by using the minimal required construction equipment. In addition, construction equipment not in active use at the site should be shut off. Additional sound attenuation due to the barrier (approximately -20 dBA) and reduced equipment usage of 50% (approximately -3 dBA) are estimated to decrease noise impacts of the golf course construction at all receptors below significance. Please note that barrier is expected to consist of an earthen berm, which will require approximately 2 weeks to construct and one week to remove. During this time period, construction noise at the receptor may temporarily exceed significance criteria.

Highmount Estates Lodging Units. Sound from construction of the Highmount Estates lodging units will occur during the eight-year construction period. Sound from construction of most of the units (18 of the 21) is predicted to result in noise impacts below significance at any receptor. However, construction noise temporarily increasing ambient sound by more than the 10 dBA significance level is possible

during some of the construction at three lodging units (1, 16, and 20) nearest receptor W-2. However, such temporary construction sound levels would be typical of normal residential construction, for this type of large lot residential development. Therefore, no noise mitigative measures are deemed necessary.

Golf Maintenance Facility and Satellite Maintenance Facility. Noise from construction of Wildacres Resort Golf Maintenance Facility and the Wildacres Resort Golf Maintenance Satellite Facility will occur during construction Years 1 and 2, and are, at times, estimated to impact nearby receptors. Construction noise from the Golf Maintenance Facility is estimated to impact receptor W-11, and construction noise from the Satellite Facility is estimated to impact receptor W-6. As a result, mitigation is recommended to reduce the noise impacts from both of these facilities to below significance.

Mitigation of noise impacts from the two golf maintenance facilities can be accomplished by minimizing on-site equipment usage and by constructing barriers between their construction sound sources and respective receptors. A reduction of approximately 3 dBA can be expected by reducing on-site equipment usage by 50%. Barriers should be located in the direction of the receptors, and within 100 feet of the respective construction areas. The barrier for the Golf Maintenance Facility should extend at least eight feet above the line-of-sight between the construction noise sources and the receptor. The barrier for the Satellite Facility should extend at least four feet above the line-of-sight between the construction noise sources and the receptor. The actual height of these barriers above grade will depend upon their siting and local topography. The total sound attenuation for the Golf Maintenance Facility and Satellite Facility due to the mitigation (-18 dBA and –12 dBA, respectively) is estimated to decrease noise impacts at both W-11 and W-6 to below significance. Please note that barriers may likely consist of earthen berms, which will each require approximately 2 weeks to construct and one week to remove. During that time period, construction noise at each receptor may temporarily exceed significance criteria.

5.6 Cumulative Noise Impacts

Cumulative noise impacts from two or more activities of similar sound level may occur if the sum of their sound causes a significant increase in the ambient sound level at a receptor. Potential cumulative impacts are summarized in Table 5-3. Cumulative impacts from activities not listed in Table 5-3 are not expected due to their low sound level at their closest receptor. In addition, please note that the Highmount Estates lodging units are estimated to have no significant cumulative impact due to their distance from Project construction activities in Year 3.

Potential cumulative impacts for Big Indian are limited to the off-site construction traffic and the access road construction. All other activities have are substantially lower sound levels at the nearest receptor, and are assumed to result in no cumulative impacts. Cumulative sound levels for Big Indian Plateau construction activities may occur briefly at receptor B-3 when access road construction coincides with off-site construction traffic trips. Due to the transient nature of the access road construction impacts, however, significant cumulative impacts of both activities will occur for only very brief period of a few days, and will, at most, result in a imperceptible 3 dBA cumulative change in sound during that period.

Potential cumulative impacts for construction at Wildacres Resort would most likely occur at the receptors most impacted by individual activities: W-4, W-6, W-7, W-8, and W-11. However, at W-4, no cumulative sound levels are expected due its the distance from the other simultaneous activities at Wildacres. Also, no cumulative noise impacts are expected at W-8, since the simultaneous construction of the Highmount Golf Club's Hole 2 and east-most edge of the access road (within 500 feet of W-8) are not likely.

At W-6, cumulative sound levels may occur from the simultaneous construction of the Golf Maintenance Satellite Facility and the Highmount Golf Club's Hole 14. Maximum cumulative sound levels from the two activities, assuming the mitigation previously specified, is estimated to be within noise significance limits.

At W-7, cumulative sound levels may occur from the simultaneous construction of Children's Center, Clubhouse, Rock Crushing and Highmount Golf Club's (part of Hole 1 or Practice Range). Maximum cumulative sound levels, assuming the mitigation previously specified, is estimated to be within noise significance limits.

At W-11, cumulative sound levels may occur from the simultaneous construction of the Golf Maintenance Facility, Highmount Golf Club, and off-site construction traffic. This scenario excludes construction sound from the lodging units, since sound from lodging unit construction would be reduced to no affect by the Highmount Golf Club mitigation (Section 5.5). Maximum sound levels, if all activities are conducted simultaneously and assuming the mitigation previously specified, is estimated to increase ambient sound levels by 10 dBA which slightly exceeds noise significance limits. However, such cumulative impacts at W-11 would only result if the Golf Maintenance Facility were constructed during Year 2, concurrent with the Highmount Golf Club Hole 7 and 8 construction. Furthermore, cumulative noise impacts would occur only for only a short time during the construction of approximately half of the Holes 7 and 8 (estimated to require approximately four weeks of construction based on nine holes of construction over 35 construction weeks). Therefore, no additional mitigation is recommended as a result of the cumulative impacts at W-11.

Table 5-1

Big Indian Plateau Construction Noise Impacts and Mitigation

Construction Activities	Years	Nearest Receptor	Project Sound Level (dBA)	Ambient Sound Level (L_d – dBA)	Total Sound Level (dBA)	Ambient Sound Level Change (dBA)	Mitigative Action/ Estimated Reduction (dBA)	Mitigated Ambient Sound Level Change (dBA)
Off-site Traffic	1-3	B-3	54	48	55	7	None Required	
Access Road – within 500 feet of a receptor (est. <2 weeks/receptor)	1	B-3	45 to 83	48	50 to 83	2 to 35	Use minimum Equipment On-site: -3 dBA	1 to 32
Access Road – Typical	1	B-3	22	48	48	0	None Required	
Access Roads – Rock Crushing	1	B-4	33	48	48	0	None Required	
Golf Course	1-3	B-4	38	41	43	2	None Required	
Golf Maintenance Facility and Satellite Facility	1,2	B-4						
Resort Spa and Country Club	1,2	B-4	27	41	41	0	None Required	
Lodging Units	1-8	B-4	33	41	42	1	None Required	
Belleayre Highlands Lodging Units		B-1	32	41	42	1	None Required	
Brisbane Mansion and Facilities	1,2	B-1	35	41	42	1	None Required	

[a] Average daytime sound level (L_d).

Table 5-2
Wildacres Resort Construction Noise Impacts and Mitigation

Construction	Years	Nearest Receptor	Project Sound Level (dBA)	Ambient Sound Level (L_d - dBA)	Total Sound Level (dBA)	Ambient Sound Level Change (dBA)	Mitigative Action/ Estimated Reduction (dBA)	Mitigated Ambient Sound Level Change (dBA)
Off-site Traffic	1-3	W-11	56	50	57	7	None Required	
Access Roads – within 500 ft. of a receptor (est. 1.5 months/receptor)	1	W-7	47 to 72	50	52 to 72	2 to 22	Use minimum Equipment On-site: -3 dBA	1 to 19
Access Roads – Typical	1	W-7	46	50	51	1	None Required	
Access Roads. – Rock Crushing	1	W-7	48	50	52	2	None Required	
Highmount Golf Club – Worst Case: Closest part of nearest hole	1,2	W-8	79	50	79	29	Under 500 feet: Use minimum equipment On-site: -3 dBA Barrier[a]: -20 dBA Over 500 feet 500-foot vegetative receptor buffer: -23 dBA	7
Highmount Estates Residential Units	3-8	W-2	68	50	68	18	None. Zoned for residential construction.	-
Resort and Facilities	1,2	W-7	49	50	53	3	None Required	
Lodging Units	1-8	W-11	58	50	59	9	None Required	
Golf Maintenance Facility	1, 2	W-11	71	50	71	21	Use minimum equipment On-site: -3 dBA Barrier[b]: -15 dBA	4
Golf Maint. Satellite Facilty	1, 2	W-6	65	50	65	15	Use minimum equipment On-site: -3 dBA Barrier[c]: -9 dBA	4
Clubhouse and Facilities	1, 2	W-9	36	50	50	0	None Required	
Marlow Mansion	1, 2	W-5	47	50	52	2	None Required	
Children's Center	1, 2	W-7	52	50	54	4	None Required	
Clubhouse	1, 2	W-7	52	50	54	4	None Required	
Sewage Treatment Fac.	1, 2	W-10	38	48	48	0	None Required	
Wilderness Act. Center	1, 2	W-4	54	50	55	5	None Required	

[a] Barrier: Assumption: within 150 feet of residence, extending 10 feet above receptor/noise source line-of-sight (See Enclosure 2, Barrier W1 and Barrier W2).
[b] Barrier: Assumption: within 100 feet of construction noise sources, extending 9 feet above receptor/noise source line-of-sight (See Enclosure 2, Barrier W3)
[c] Barrier: Assumption: within 100 feet of construction noise sources, extending 6 feet above receptor/noise source line-of-sight (See Enclosure 2, Barrier W4)

Table 5-3
Cumulative Construction Noise Impacts and Mitigation

Location	Receptor	Potential Cumulative Construction	Years	Total Mitigated Project Sound Level (dBA)	Ambient Sound Level (L_d - dBA)	Total Sound Level (dBA)	Ambient Sound Level Change (dBA)	Mitigative Action/ Estimated Reduction (dBA)
Big Indian Plateau	B-3	Offsite-traffic and Access Road Construction	1	54 to 83	48	54 to 83	6 to 35	None. Impact cumulative duration estimated at <2 weeks
Wildacres Resort	W-6	Golf Maint. Satellite Fac.and Highmount Golf Club	1-2	53 + 56 = 57	50	58	8	None Required
	W-7	Highmount Golf Club, Rock Crushing, Children's Center, and Clubhouse	1-2	56+48+50+50 = 60	50	59	9	None Required
	W-11	Golf Maintenance Facility, Highmount Golf Club, and Off-site traffic	2	53+56+56 = 60	50	61	10	None. Maximum cumulative impact duration estimated to be 4 weeks.

[a] Barrier: Assumption: within 150 feet of residence, extending 10 feet above receptor/noise source line-of-sight (See Enclosure 2, Barrier W1 and Barrier W2).
[b] Barrier: Assumption: within 100 feet of construction noise sources, extending 6 feet above receptor/noise source line-of-sight (See Enclosure 2, Barrier W3)

6.0 REFERENCES

BBN, 1971. Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances, Bolt, Beranek and Newman Inc., December 31, 1971.

Crossroads, 2001. Ken Graham of Crossroads Ventures Telephone conversation with Scott Manchester of ENSR, January 14, 2001.

ESEERCO, 1977. Empire State Electric Energy Research Corporation. Power Plant Construction Noise Guide. Bolt Beranek and Newman, Inc. Report No. 3321. May 1977.

Hoover & Keith, 1981. Noise Control for Buildings, Manufacturing Plants, Equipment, and Products. Hoover & Keith, Inc. 1981.

NYSDEC, 2000. New York State Department of Environmental Conservation Program Policy; Assessing and Mitigating Noise Impacts, October 6, 2000.

USEPA 1974. Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety. Document No. 550/9-74-004. United States Environmental Protection Agency. March 1974.

Enclosure 1
Ambient Sound Level Survey

- **Field Forms**
- **Certificates of Calibration**
- **Field Data Printouts**
- **Data Summary Table**

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA $^{+}$0.5dB)	250 hz (124.0 dB, 115.0 dBA^{+}0.5dB)
Initial	93.8	—
Final	93.9	—

Winds	Temperature	Humidity	Precipitation
0-4 mph	19	71	None

Site Location	Test ID	Time Period
ML2-W002	14	0943 - 1003

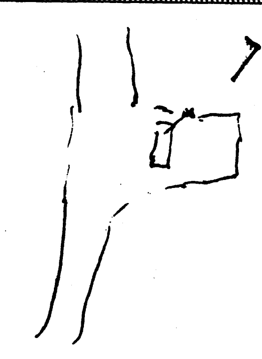
SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	34	39	38	37	35	29	32	38	36	35	28	24	21	19
L90														
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	16	15	13	11	13	14	15	16	17	18	20	22	20	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events Source	dBA	Traffic Information Street	Count
VEHICLE TRAFFIC	54, 57, 64	LOCAL	III
AIRPLANE	45		

Background Sources	Rank
•	

Site Location Sketch



Comments

~~WATER~~ WATER ~~FALLING~~ DRIPPING FROM NEARBY BUILDING IS AUDIBLE

TRAFFIC FROM RT 28 ~~CAN BE HEAR~~ IS AUDIBLE IN THE DISTANCE

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/27/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.1	—
Final	93.9	—

Winds	Temperature	Humidity	Precipitation
6 TO 8 MPH GUSTING TO 10	31	66	NONE

Site Location	Test ID	Time Period
MLI-WP02	45	1616-

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	51	50	49	48	47	46	45	45	44	43	42	42	42	41
L90														
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	41	40	39	37	35	32	29	26	22	20	17	16	14	
											16	15		

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	76	LOCAL	1	
		Background Sources	Rank	

Comments	

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.6	—
Final	93.7	—

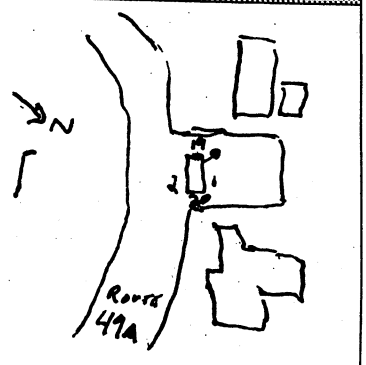
Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	20	49	NONE

Site Location	Test ID	Time Period
ML1 - WAD1	21	0805 - 0825

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
CAR WINDOW	40			
TRAFFIC	34	ROUTE 28		
	60,62 → LOCAL		11	
CROWS	31,34			
		Background Sources	Rank	



Comments	TRAFFIC FROM ROUTE 28 IS AUDIBLE IN DISTANCE

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

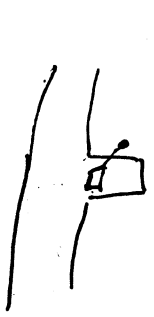
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	94.0	—

Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	23	58 30	NONE

Site Location	Test ID	Time Period
MLI - WE02	26	1049 - 1109

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	61 62 69	LOCAL	HIT	
TRAFFIC	36	ROUTE 28		
		Background Sources	Rank	

Comments	

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/22/01	TAGLIAFERRI/MANCHESTER

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.8	—
Final	93.4	—

Winds	Temperature	Humidity	Precipitation
2-3MPH	11 ~~25~~ 7	85	VERY LIGHT SNOW

Site Location	Test ID	Time Period
ML1-WDN1	1	~~100~~ ~~22~~ 2217-2237

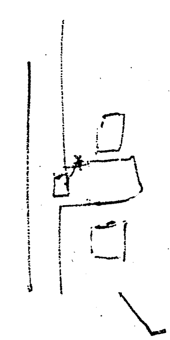
SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)												
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information	
Source	dBA	Street	Count

Background Sources	Rank

Site Location Sketch



Comments VERY QUIET. @10:23 A NOISE SPIKE OF OVER 60 dB DUE TO INADVERTANT BANDING OF SLM. @10:27 SPIKE OF OVER 50 dB DUE TO BANGING IN CAR

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/27/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

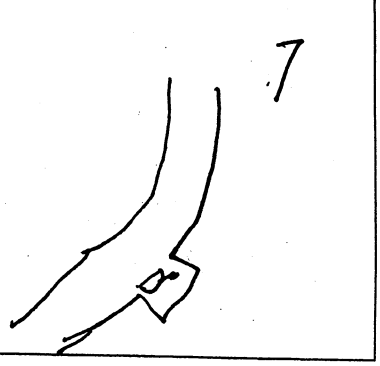
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.1	—
Final	94.1	—

Winds	Temperature	Humidity	Precipitation
4-6 MPH	22	79	NONE

Site Location	Test ID	Time Period
ML1 - WDN2	50	0000 -

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	36, 38	ROUTE 28		
		Background Sources	Rank	
		PREVALENT NOISE SOURCE IS WIND. GUSTS CAN BE HEARD IN VALLEY. EXTREMELY LIGHT TRAFFIC		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

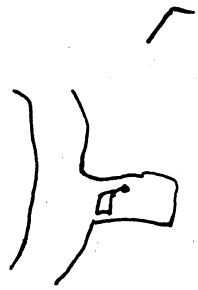
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	93.5	—

Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	22	52	@ NONE VERY LIGHT FLURRIES

Site Location	Test ID	Time Period
MLZ - WEN 1	31	1200 - 1220

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
ROUTE 28 TRAFFIC	42, 44 38, 36 51	ROUTE 28		
TRAFFIC	65	LOCAL	1	
		Background Sources	Rank	

Comments	AT 1013 SNOW BEGAN TO INCREASE AND SNOW/SLEET MIX BECAME AUDIBLE AGAINST WINDSHIELD, BUT NO SIG. CHANGE IN dB READING

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/25/01	JAGLIAFFARI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

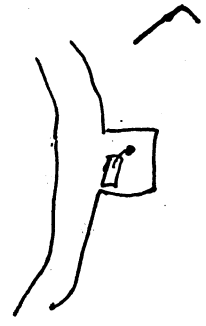
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.6	—
Final	93.7	—

Winds	Temperature	Humidity	Precipitation
4-8 mph	25	69	NONE

Site Location	Test ID	Time Period
MCI-WEN2	36	0034 - 0056

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
WIND GUSTING THROUGH VALLEY	46 33/36			
TRAFFIC	31	ROUTE 28		
TRAFFIC	55	LOCAL		
		Background Sources	Rank	

Comments	RUN PAUSED FOR ~2 MINUTES TO GIVE DIRECTIONS TO LOST CAR
	WINDS GUSTING IN VALLEY TO NORTH. STRONG DURING 1ST 5 AND LAST 5 MINUTES OF RUN

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	JAFLIAFARRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.9	—
Final	93.5	—

Winds	Temperature	Humidity	Precipitation
2-4 MPH	20	74	NONE

Site Location	Test ID	Time Period
ML2 - WD01	15	1026 - 1053

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	~~36~~	37	~~43~~	~~30~~	33	36	~~29~~	~~28~~						
L_{90}	42		36	35			34	32	32	33	32	31	30	29
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	27	28	26	25	21	19	16	13	12	12	11	11	11	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	51, 47, 52	RT. 28	TRAFFIC IS BARELY VISIBLE THROUGH THICK WOODED AREA	
AIRPLANE	53			
LOCAL	48			
		Background Sources	Rank	
		DOMINANT NOISE SOURCE IS RT. 28 TRAFFIC		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/27/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	94.1	—

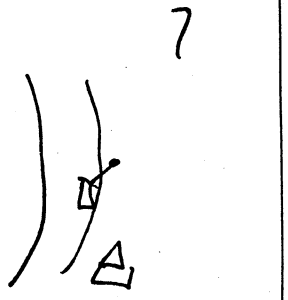
Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH GUSTING TO 8	27	68	NONE

Site Location	Test ID	Time Period
MC2 - WOOD	44	1546 - 1606

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	49	48	47	47	45	44	41	42	42	44	43	43	42	40
L90														
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	39	38	37	36	~~35~~	~~33~~	~~32~~	~~29~~	25	22	18	17	15	
					33	31	29	27						

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	52, 56, 55	ROUTE 28		
		Background Sources	Rank	
		DOMINANT NOISE SOURCE IS WIND GUSTING THROUGH TREES TRAFFIC IS MODERATE		



Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.7	—
Final	93.6	—

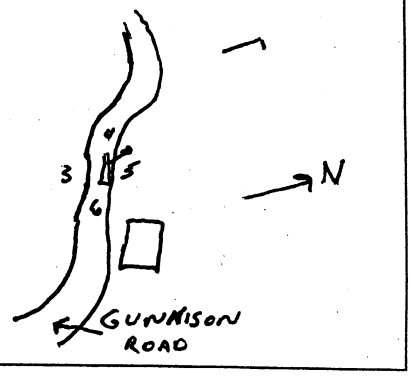
Winds	Temperature	Humidity	Precipitation
0-2 MPH	20	54% 45	NONE

Site Location	Test ID	Time Period
ML2-WED1	22	0836-0857

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	47,50 57	ROUTE 28		
TRAFFIC	60	LOCAL	1	
		Background Sources	Rank	
		RT 28 TRAFFIC IS DOMINANT WHEN PRESENT		



Comments	Low

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

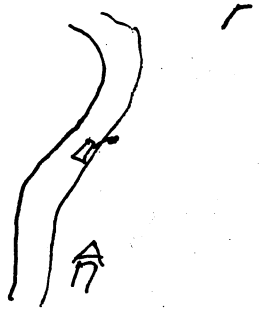
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	93.8	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	23	~~R~~ 25	NONE

Site Location	Test ID	Time Period
ML2-WAM2	27	1119 - 1139

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	46, 49	ROUTE 28		
	44 43			
	55			
POLICE WHISTLE (2)	55, 57	ROUTE 28		
	57	Background Sources	Rank	
AIRPLANE (2)	4			

Comments	

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	TAGLIAFERRI/MANCHESTER

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.8	—
Final	93.7	—

Winds	Temperature	Humidity	Precipitation
2 MPH			VERY LIGHT SNOW

Site Location	Test ID	Time Period
ML2-WDN ~~2~~ 1	~~2~~ (JT) 3	0006 -

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

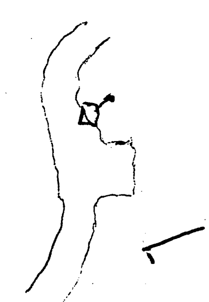
Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events: Source	dBA
JET IN DISTANCE	43
WINDOW IN CAR RAISING UP	35
CAR	35 (JT) ~~42.5~~
UNIDENTIFIED NOISE	42.5

Traffic Information: Street	Count
RT 28	III

Background Sources	Rank
TRAFFIC ON RT 28 IS AUDIBLE & VISIBLE THROUGH TREES	

Site Location Sketch



Comments: UNIDENTIFIED RUMBLE FROM DIRECTION OF MOUNTAIN THAT STARTED APPROX. 10 MINUTES INTO RUN.

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/26/01	JAGLIAFFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.9	—
Final	94.1	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	25	72	NONE

Site Location	Test ID	Time Period
ML2-WBN2	49	2328- 2348

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	45 41	ROUTE 28		
		Background Sources	Rank	
		WIND IS DOMINANT NOISE SOURCE. GUSTING IN VALLEY TRAFFIC IS LIGHT		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/25/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.7	—
Final	93.6	—

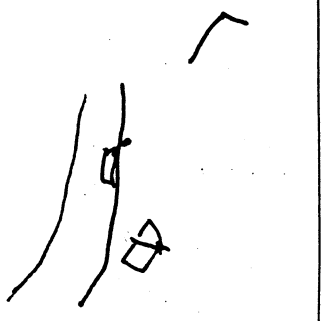
Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	25	69	NONE

Site Location	Test ID	Time Period
ML2 - WEN2	37	0105 -

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	48 44 49	ROUTE 28		
		Background Sources	Rank	



Comments	WINDS ARE NOT AUDIBLE AS THEY WERE AT ML1

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

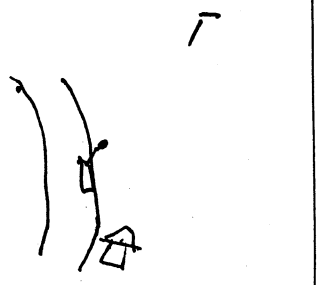
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.5	—
Final	93.7	—

Winds	Temperature	Humidity	Precipitation
24MPH	22	65	LIGHT SNOW

Site Location	Test ID	Time Period
ML2-WEN1	32	1232 - 1252

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	42,44 41,46 57	Route 28		
		Background Sources	Rank	

Comments	PARTIP. LIGHTER THAN IN RUN 1

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.5	—
Final	94.0	—

Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	20	68	NONE

Site Location	Test ID	Time Period
ML3 - WOOD	16	1/06 - 1/26

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	36	35	34	33	33	32	32	28	26	27	27	28	27	27
L90														
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	26	26	26	25	25	24	22	21	20	17	15	14	13	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	39 42	RT 28		
LOCAL TRAFFIC	43	LOCAL	1	
AIRPLANE	55	Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		

Comments	TRAFFIC IS NOT VISIBLE BUT CAN BE HEARD FAINTLY

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/27/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

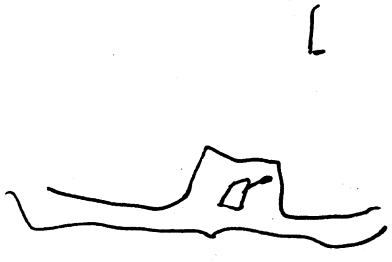
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.8	—
Final	94.0	—

Winds	Temperature	Humidity	Precipitation
2-4 MPH	31	65	NONE

Site Location	Test ID	Time Period
NL3-WIND2	43	1516-

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	41	40	40	39	39	34	37	36	35	~~34~~	37	37	36	34
L90										35				
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	33	31	31	29	28	25	24	22	19	17	16	~~15~~	12	
												14		

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	45	? NAW		
		Background Sources	Rank	
		DOMINANT NOISE SOURCE IS CREEK TRAFFIC IS LIGHT		

Comments	
	@ WINDS CAN OCCASIONALLY BE HEARD RUSTLING. ~~AT SITE DISTANCE~~ & BLOWING TREES

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/00	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.8	—
Final	93.6	—

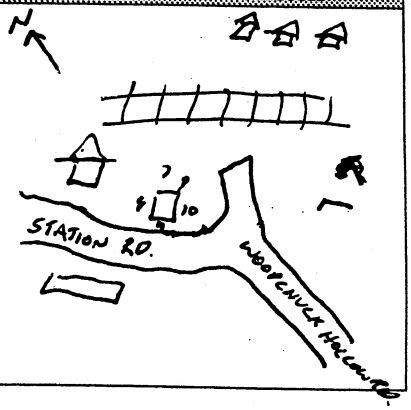
Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	23 21	58 45	NONE

Site Location	Test ID	Time Period
ML3-WE01	23	0917 - 0937

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
AIRPLANE	34	?		
TRAFFIC	47, 34			
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		



Comments

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

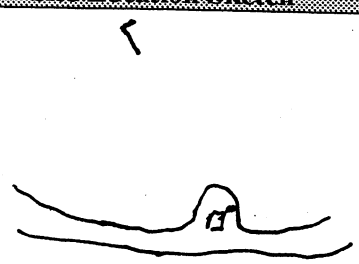
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.8	—
Final	93.8	—

Winds	Temperature	Humidity	Precipitation
270 4 MPH	26	66 (W) 25	NONE

Site Location	Test ID	Time Period
ML3 - UE02	(W) 728	1213 - 1233

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	35 36	?		
AIRPLANE	36			
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		

Comments	

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	TAGLIAFERRI/MANCHESTER

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.8	—
Final	93.6	—

Winds	Temperature	Humidity	Precipitation
1-2 MPH	14	86	NONE

Site Location	Test ID	Time Period
ML3-WDN1	11	0222-0242

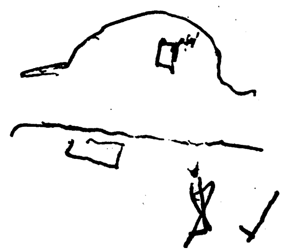
SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)												
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events Source	dBA	Traffic Information Street	Count
UNIDENTIFIABLE NOISE - AIRPLANE?	43		

Background Sources	Rank
STREAM IS DOMINANT NOISE SOURCE	

Site Location Sketch



Comments

Over 30 Years of Excellence in Environmental Services

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/26/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

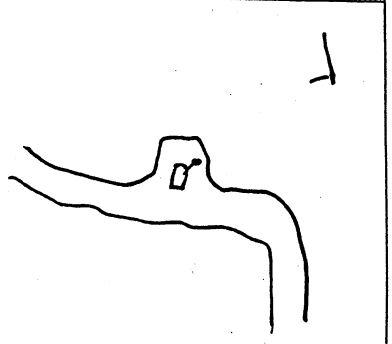
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	93.9	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	26	67	NONE

Site Location	Test ID	Time Period
ML3 - WDN 2	48	2256-2316

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	42,44	?		
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE TRAFFIC IS LIGHT		

Comments	WINDS CAN OCCASIONALLY BE HEARD GUSTING

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	JAGLIARRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

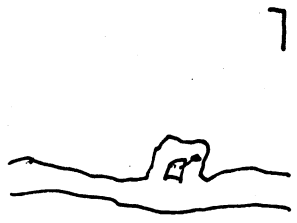
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.7	—
Final	93.7	—

Winds	Temperature	Humidity	Precipitation
2 to 4 mph	23	68	VERY LIGHT FLURRIES

Site Location	Test ID	Time Period
ML3-WEN 2	33	2306 - 2327

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	38,41	?		
		Background Sources	Rank	
		LEAK IS DOMINANT NOISE SOURCE		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	1/25/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

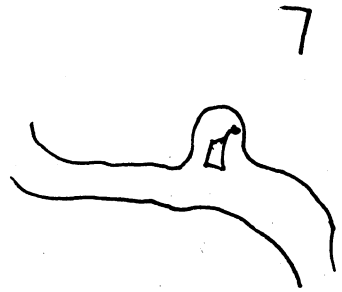
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.6	—
Final	93.9	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	25	64	NONE

Site Location	Test ID	Time Period
ML3 - WEN2	38	0138 - 0158

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	39	?		
AIRPLANE	50, 42			
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	JAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

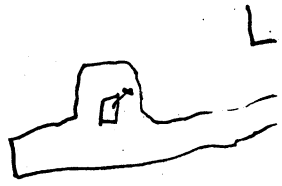
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	94.1	—

Winds	Temperature	Humidity	Precipitation
4-7 MPH	20	70	NONE

Site Location	Test ID	Time Period
ML4-W001	17	1134-1154

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED L90	43	50	50	48	43	42	40	38	34	33	32	32	35	33
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	33	34	35	34	34	31	28	26	24	21	18	15	13	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	52	ROUTE 28		
	46			
TRUCK →	60			
→	58			
		Background Sources	Rank	
		CREEK IS DOMINANT		

Comments	ROUTE 28 TRAFFIC IS VISIBLE & LIGHT TO MODERATE

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/26/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

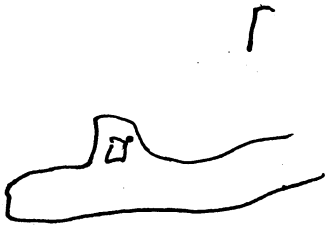
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.1	—
Final	93.8	—

Winds	Temperature	Humidity	Precipitation
4 TO 6 GUSTING TO 10	32	63	NONE

Site Location	Test ID	Time Period
ML4-W002	42	0248 - 0308

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	43	48	46	46	46	45	44	42	40	40	40	39	38	38
L_{eq}			47						41					
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	37	36	35	34	32	30	31	28	24	20	17	16	13	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	57 51 60	MAIN		
SHUFFLING (STARTED 12 MIN INTO RUN BUT ONLY LASTED A COUPLE OF MINUTES)	49 L_{eq}	Background Sources	Rank	
		LOCUST IS DOMINANT NOISE SOURCE BUT WINDS CAN BE HEARD DURING GUSTS. TRAFFIC IS MODERATE		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.6	—
Final	93.6	—

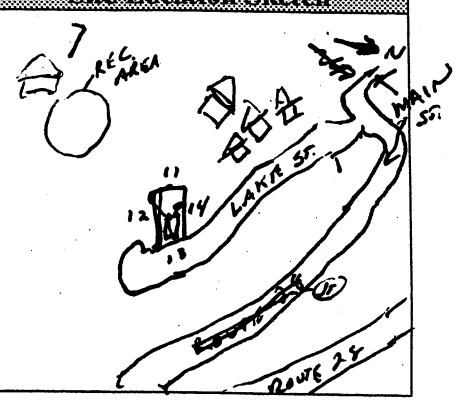
Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	~~23~~ 21	~~60~~ 35	NONE

Site Location	Test ID	Time Period
ML4 - WA01	24	~~0934~~ 0944 - ~~1004~~

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	48, 53 60, 50	ROUTE 28 MAIN		
		Background Sources	Rank	



Comments	TRAFFIC IS MODERATE

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.8	—
Final	94.0	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	26	26	NONE

Site Location	Test ID	Time Period
ML4-WE02	29	1238-1258

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	46,50 52,53	MAIN		
		Background Sources	Rank	
		CRARK IS DOMINANT NOISE SOURCE		

Comments	

ENSR INTERNATIONAL

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	JAGLIAFERRI/MANCHESTER

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.6	—
Final	93.7	—

Winds	Temperature	Humidity	Precipitation
1-2 MPH	14	85	NONE

Site Location	Test ID	Time Period
ML4-WDN1	12	0249-0309

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	54, 51 44	RT. 28		
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/26/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ± 0.5dB)	250 hz (124.0 dB, 115.0 dBA ± 0.5dB)
Initial	93.7	—
Final	94.0	—

Winds	Temperature	Humidity	Precipitation
4-6 MPH GUSTING TO 8	27	64	NONE

Site Location	Test ID	Time Period
ML4- WDN2	47	2231 - 2251

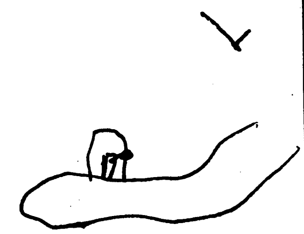
SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events: Source	dBA	Traffic Information: Street	Count
TRAFFIC	~~51~~, ~~46~~ (28)	MAIN ~~28~~ (28)	
	52, 50		
	51, 55		
AIRPLANE	48		

Background Sources	Rank
DOMINANT NOISE SOURCE IS CREEK TRAFFIC IS LIGHT	

Site Location Sketch



Comments
WINDS CAN BE HEARD GUSTING IN DISTANCE

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

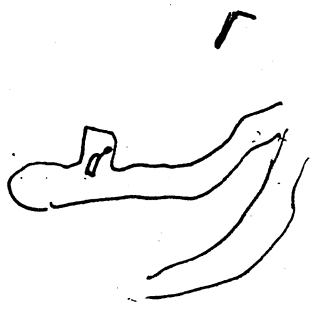
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.7	—
Final	93.9	—

Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	24	67	NONE

Site Location	Test ID	Time Period
ML4-WRN2	34	2333 - 2353

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	49,45 53,65	MAIN		
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/25/01	JAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

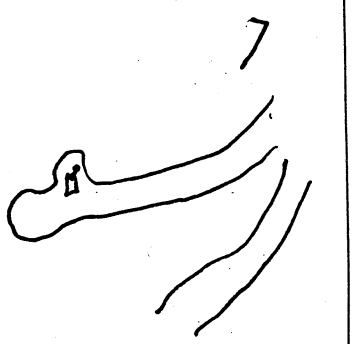
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.9	—
Final	93.7	—

Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	27	56	NONE

Site Location	Test ID	Time Period
ML4-WEN2	39	0203-0223

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	50 46	MAIN		
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE. CAN ALSO HEAR WIND IN THE DISTANCE TO THE NE (N) SW		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.1	—
Final	94.2	—

Winds	Temperature	Humidity	Precipitation
2 to 4 mph	21	71	None

Site Location	Test ID	Time Period
MLS-W001	18	1202 - 1222

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	37	36	35	33	31	30	28	28	30	~~30~~	32	33	33	32
L_{90}										31				
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	32	32	31	29	27	22	19	16	13	12	11	10	9	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
AIRPLANE	45			L
TRAFFIC	46 55	ROUTE 28		
		Background Sources	Rank	
		TRAFFIC IS AUDIBLE OVER CREEK WHEN PRESENT BUT CREEK IS PREDOMINANT NOISE SOURCE		

Comments	TRAFFIC FROM 28 IS AUDIBLE BUT NOT VISIBLE

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/26/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	~~94.0~~ 94.1	—

Winds	Temperature	Humidity	Precipitation
4-6 MPH GUSTING TO 8	32	63	NONE

Site Location	Test ID	Time Period
ML5 - WOOD2	~~31~~ (51) 41	1416 - 1426

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
OBSERVED	42	40	41	39	37	36	35	35	38	40	41	39	37	36
L_{90}														
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	
	35	34	33	31	29	25	22	19	17	16	13	12	10	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	46,52 47,54 46	ROUTE 28		
CROWS	48,46	Background Sources	Rank	
		DOMINANT NOISE SOURCE IS CREEK TRAFFIC IS MODERATE & CONTINUOUS		

Comments	175 WIND PICKS-UP IT CAN BE HEARD OVER CREEK 1-2 DB,

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.6	—
Final	94.0	—

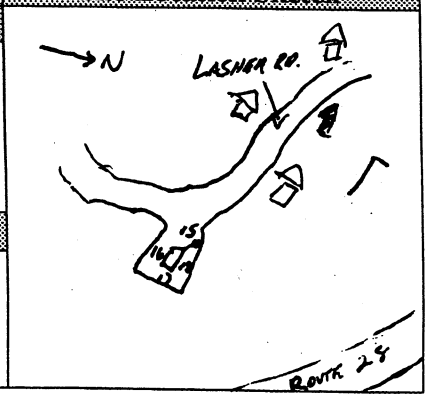
Winds	Temperature	Humidity	Precipitation
4 TO 6 MPH	23	65 30	NONE

Site Location	Test ID	Time Period
ML5 - WRD1	25	1013 - 1033

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
KIDS YELLING	50, 40			
TRAFFIC	48, 46, 42	28		
		Background Sources	Rank	



Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/24/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	94.0	—

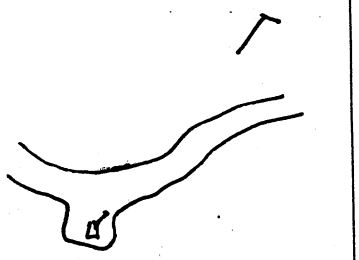
Winds	Temperature	Humidity	Precipitation
0 TO 2 MPH	28	22	NONE

Site Location	Test ID	Time Period
MLS-WE02	30	1304 ~~1305~~ 1305 -

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	60	LOCAL	1	
(2) ROUT TRAFFIC	44 45, 38	ROUTE 28		
CHILDREN	47 41, 40	Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		



Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/23/01	TABLIAFERRI / MANCHESTER

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.7	—
Final	93.6	—

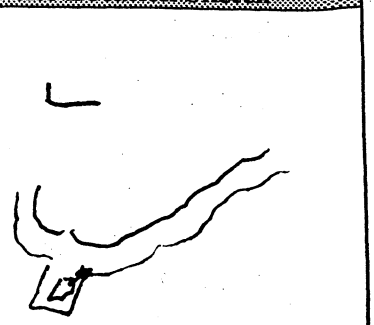
Winds	Temperature	Humidity	Precipitation
1-2 MPH	16	85	NONE

Site Location	Test ID	Time Period
ML5-WDN2	13	0321-0341

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	46	RT. 28		
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		



Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/26/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	94.0	—
Final	93.7	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	25	69	NONE

Site Location	Test ID	Time Period
ML5 - WDN 2	46	2202 - 2222/2229-2234

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	42,41 43,44 51,48	ROUTE 28		
PACK OF YOUNG DOGS BARKING ~30 SEC.	50 48 47 44	Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE TRAFFIC IS LIGHT		

Comments	WIND GUSTS CAN OCCASIONALLY BE HEARD IN DISTANCE
	INADVERTANTLY STARTED RUN FOR LAST 1.5 MINUTES OF PERIOD

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/25/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824AO460	2911	1472705	757167

Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.9	—
Final	93.6	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	25	64	NONE

Site Location	Test ID	Time Period
MLS - WEN 1	35	0000 - 0020

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
TRAFFIC	40, 41, 43	ROUTE 28		
AIRPLANE	51			
		Background Sources	Rank	
		CREEK IS DOMINANT NOISE SOURCE		

Comments	

Sound Level Survey Field Form

Client/Location	Project Number	Date	Conducted By
Crossroads Ventures/ Belleayre Mountain	8736132	2/25/01	TAGLIAFERRI

	Sound Level Meter	Microphone	Calibrator	Pistonphone
Model	Larson Davis 824	Larson Davis 2560	Brüel&Kjær 4230	Brüel&Kjær 4220
Serial Number	824A0460	2911	1472705	757167

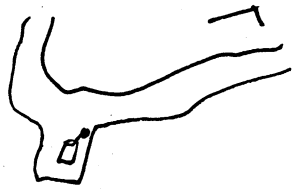
Calibration Results	1000 hz (94.0 db, 93.8 dBA ±0.5dB)	250 hz (124.0 dB, 115.0 dBA ±0.5dB)
Initial	93.9	—
Final	94.1	—

Winds	Temperature	Humidity	Precipitation
2 TO 4 MPH	26	60	NONE

Site Location	Test ID	Time Period
MLS - WEN2	40	0230 - 0250

SPL Descriptor	1/1 or 1/3 (circle one) Octave Band Sound Levels (dB)													
	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
	630	800	1K	1.3K	1.6K	2K	2.5K	3.2K	4K	5K	6.3K	8K	10K	

Weighting (Lin/A/C)	Total Sound Levels (dB, dBA, or dBC)								
	L_{max}	L_{01}	L_{10}	L_{50}	L_{90}	L_{99}	L_{min}	L_{eq}	L_{dn}

Intrusive Events		Traffic Information		Site Location Sketch
Source	dBA	Street	Count	
CAR WINDOW	44			
DOOR LOCKS	50			
		Background Sources	Rank	
		LAKE IS DOMINANT NOISE SOURCE BUT CAN HEAR WINDS FROM E SW		

Comments	BEGAN TO SLEET AT 0249 WITH 1.5 MINUTES LEFT IN RUN. NO NOTICEABLE dB CHANGE.

Calibration Services Associates, Inc.

4 FIRST STREET • BRIDGEWATER, MA 02324 (508) 697-8699 (508) 697-1077 FAX (508) 697-9617

****
* CALIBRATION REPORT *
****

ASSET#: _____
CONTROL#: _____
TEST#: _____

INSTRUMENT: ACOUSTIC SOUND LEVEL METER
MANUFACTURER: LARSON DAVIS
MODEL NUMBER: 824
SERIAL NUMBER: 824A0460
RANGE: TO 124 DB
PROCEDURE: # ANSI S1.4
TEST UNCERTAINTY: +/-0.15db
NIST REFERENCE: 244738

CUST: _____ ENSR _____
DATE CAL: 1-08-01
DATE DUE: 1-08-02
TEMP: 68 F RH 34% IN-HG 29.80
LOCAL GRAVITY: 9.80346 M/S^2
TEST STANDARD USED: STD-321495
STD.DATE: 7-15-00 DUE: 7-15-01
TEST BY: WMN

W M Nott

STATUS AS RECEIVED | AS FOUND BELOW

CALIBRATION CHARACTERISTIC A-SCALE	REFERENCED LEVEL db	LIMITS (+/-)	MEASURED LEVEL db	2nd-run	NOTES
LAB-STANDARD	124.0	0.5	123.8	123.9	WITHIN LIM
SPL @ 125hz	114.0	0.5	113.7	113.8	WITHIN LIM
SPL @ 250hz	114.0	0.5	113.8	113.8	WITHIN LIM
SPL @ 500hz	114.0	0.5	114.0	114.0	WITHIN LIM
SPL @ 1000hz	114.0	0.5	114.1	114.1	WITHIN LIM
SPL @ 2000hz	114.0	0.5	114.2	114.1	WITHIN LIM

STATUS AFTER TEST: ACCEPTED

SCALE CONVERSION CHART

WEIGHTING vs. SOUND PRESSURE LEVEL DEVIATION (db)

SCALE	@ 125hz	@ 250hz	@ 500hz	@ 1000hz	@ 2000hz
A	-16.1	-8.6	-3.2	0	+1.2
B	- 4.2	-1.3	-0.3	0	-0.1
C	- 0.2	0	0	0	-0.2

THIS TEST WAS PERFORMED BY COMPARATIVE ANALYSIS USING REFERENCES CERTIFIED BY BRUEL & KJAER CORP - TRACEABLE TO THE N.I.S.T. - TEST NUMBERS REFERENCED ON FILE. DOCUMENTATION COMPLIES WITH ANSI/NCSL-Z-540 & ACCURACY GRADIENTS MEET TEST RATIO PARAMETERS TO A MINIMUM 4:1

Calibration Services Associates, Inc.

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****
* CALIBRATION REPORT *
****

ASSET#: _____
CONTROL#: _____
TEST#: 6640

INSTRUMENT: ACOUSTIC GENERATOR
MANUFACTURER: BRUEL&KJAER
MODEL NUMBER: 4230
SERIAL NUMBER: 1472705
RANGE: 93.6 DB FIXED
PROCEDURE: # ANSI S1.14
TEST UNCERTAINTY: +/-0.15db
NIST REFERENCE: 244738

CUST: ENSR
DATE CAL: 9-29-00
DATE DUE: 9-29-01
TEMP: 68 F RH 44% IN-HG 30.46
LOCAL GRAVITY: 9.80346 M/S^2
TEST STANDARD USED: STD-321495
STD.DATE: 7-15-00 DUE: 7-15-01
TEST BY: WMN

STATUS AS RECEIVED	AS DESCRIBED BELOW

CALIBRATION CHARACTERISTIC A-SCALE	REFERENCED LEVEL db	LIMITS (+/-)	MEASURED LEVEL db	2nd-run	NOTES
1ST RUN	93.6	2%	93.6	93.6	

STATUS AFTER TEST	ACCEPTED

SCALE CONVERSION CHART

WEIGHTING SCALE	vs. SOUND PRESSURE LEVEL DEVIATION (db) @ 125hz	@ 250hz	@ 500hz	@ 1000hz	@ 2000hz
A	-16.1	-8.6	-3.2	0	+1.2
B	- 4.2	-1.3	-0.3	0	-0.1
C	- 0.2	0	0	0	-0.2

THIS TEST WAS PERFORMED BY COMPARATIVE ANALYSIS USING REFERENCES CERTIFIED BY BRUEL & KJAER CORP - TRACEABLE TO THE N.I.S.T. - TEST NUMBERS REFERENCED ON FILE. DOCUMENTATION COMPLIES WITH ANSI/NCSL-Z-540 & ACCURACY GRADIENTS MEET TEST RATIO PARAMETERS TO A MINIMUM 4:1

Calibration Services Associates, Inc.

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****
* CALIBRATION REPORT *
****

ASSET#:_____
CONTROL#:_____
TEST#:_____6640__

INSTRUMENT: ACOUSTIC GENERATOR_____
MANUFACTURER:__BRUEL&KJAER_____
MODEL NUMBER:__4220_____
SERIAL NUMBER:_757167_____
RANGE:_____124 DB FIXED_____
PROCEDURE:#_____ANSI S1.14_____
TEST UNCERTAINTY:____+/-0.15db___
NIST REFERENCE:_____244738_____

CUST:_____ENSR_____
DATE CAL:____9-29-00_____
DATE DUE:____9-29-01_____
TEMP:_68_F RH_44% IN-HG_30.46
LOCAL GRAVITY:_9.80346___M/S^2
TEST STANDARD USED:_STD-321495
STD.DATE:7-15-00__DUE:_7-15-01
TEST BY: WMN

STATUS AS RECEIVED	AS DESCRIBED BELOW

CALIBRATION CHARACTERISTIC A-SCALE	REFERENCED LEVEL db	LIMITS (+/-)	MEASURED LEVEL db	2nd-run	NOTES
ON POSITION	124.0	2%	114.5	---	
BATT POSITION	124.0	2%	116.5	---	

STATUS AFTER TEST	ACCEPTED AS GIVEN ABOVE

SCALE CONVERSION CHART

WEIGHTING vs. SOUND PRESSURE LEVEL DEVIATION (db)

SCALE	@ 125hz	@ 250hz	@ 500hz	@ 1000hz	@ 2000hz
A	-16.1	-8.6	-3.2	0	+1.2
B	- 4.2	-1.3	-0.3	0	-0.1
C	- 0.2	0	0	0	-0.2

THIS TEST WAS PERFORMED BY COMPARATIVE ANALYSIS USING REFERENCES CERTIFIED BY BRUEL & KJAER CORP - TRACEABLE TO THE N.I.S.T. - TEST NUMBERS REFERENCED ON FILE. DOCUMENTATION COMPLIES WITH ANSI/NCSL-Z-540 & ACCURACY GRADIENTS MEET TEST RATIO PARAMETERS TO A MINIMUM 4:1

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WDD1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WDD1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 09:42:57

Ln Start Level: 15 dB

L0.10	60.2 dBA	L50.00	32.6 dBA	L99.00	29.6 dBA
L1.00	51.9 dBA	L90.00	30.5 dBA	L99.90	28.7 dBA

Interval Records: Disabled — Number Interval Records: 0
History Records: Enabled — Number History Records: 1205

Current Any Data
Start Time: 23-Feb-2001 09:42:57
Elapsed Time: 00:20:03.1

	A Weight		C Weight		Flat	
Leq:	38.8 dBA		53.8 dBC		55.8 dBF	
SEL:	69.6 dBA		84.6 dBC		86.6 dBF	
Peak:	96.9 dBA		98.9 dBC		102.1 dBF	
	23-Feb-2001	09:42:58	23-Feb-2001	09:42:58	23-Feb-2001	09:42:58
Lmax (slow):	60.4 dBA		78.2 dBC		79.2 dBF	
	23-Feb-2001	09:54:18	23-Feb-2001	09:54:18	23-Feb-2001	09:54:18
Lmin (slow):	28.5 dBA		38.8 dBC		41.6 dBF	
	23-Feb-2001	10:01:51	23-Feb-2001	10:00:18	23-Feb-2001	09:59:07
Lmax (fast):	65.1 dBA		84.3 dBC		85.5 dBF	
	23-Feb-2001	09:54:17	23-Feb-2001	09:54:17	23-Feb-2001	09:54:17
Lmin (fast):	27.4 dBA		37.5 dBC		40.3 dBF	
	23-Feb-2001	10:01:49	23-Feb-2001	09:59:42	23-Feb-2001	09:59:35
Lmax (impulse):	67.4 dBA		86.3 dBC		87.6 dBF	
	23-Feb-2001	09:54:17	23-Feb-2001	09:54:17	23-Feb-2001	09:54:17
Lmin (impulse):	29.5 dBA		39.8 dBC		42.6 dBF	
	23-Feb-2001	10:01:51	23-Feb-2001	09:59:06	23-Feb-2001	09:59:07

Spectra

Date	Time	Run Time
23-Feb-2001	09:42:57	00:20:03.1

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	45.9		50.4		31.3		630	30.0		49.8		14.2	
16.0	45.4	49.8	53.5	58.3	23.7	34.4	800	30.1		50.4		12.0	
20.0	43.6		55.3		30.6		1000	28.5	33.3	49.3	54.2	9.8	15.2
25.0	45.2		56.7		29.6		1250	26.3		48.3		8.9	
31.5	44.6	49.1	57.8	62.7	28.5	33.5	1600	24.2		45.0		8.3	
40.0	42.8		58.9		27.9		2000	21.9	27.2	41.5	47.1	8.1	13.0
50.0	47.5		66.1		26.8		2500	20.5		37.8		8.2	
63.0	47.1	51.7	67.6	72.4	27.1	31.9	3150	19.5		34.4		9.1	
80.0	46.0		68.7		27.4		4000	20.2	24.9	32.3	37.4	10.7	15.4
100	44.2		68.8		23.5		5000	20.6		30.4		11.6	
125	41.8	47.0	64.9	71.2	20.8	26.5	6300	21.1		29.3		13.7	
160	39.5		64.1		20.1		8000	21.0	25.4	28.9	33.3	14.9	19.1
200	36.8		57.6		21.0		10000	19.8		27.1		14.3	
250	33.7	39.6	54.9	60.2	21.3	25.7	12500	17.2		24.0		11.8	
315	33.1		52.3		20.3		16000	14.6	19.8	19.1	25.7	7.9	14.0
400	31.4		51.2		19.1		20000	11.5		15.8		6.1	
500	30.9	35.6	50.6	55.3	17.0	22.0							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	62.3	54.8	40.8	36.3	33.3	0.0	630	50.3	42.3	20.8	16.8	0.0	0.0
16.0	65.3	55.3	38.8	34.8	32.8	0.0	800	51.3	42.8	16.3	0.0	0.0	0.0
20.0	64.8	54.3	37.3	33.8	31.8	0.0	1000	49.3	41.3	0.0	0.0	0.0	0.0
25.0	69.3	53.8	35.3	32.3	30.3	0.0	1250	47.8	38.8	0.0	0.0	0.0	0.0
31.5	67.8	53.8	38.3	33.3	29.8	0.0	1600	44.8	36.8	0.0	0.0	0.0	0.0
40.0	63.8	55.8	37.8	34.3	30.8	0.0	2000	41.3	35.3	0.0	0.0	0.0	0.0
50.0	70.3	60.3	36.8	30.3	28.3	0.0	2500	38.8	33.3	0.0	0.0	0.0	0.0
63.0	68.8	62.3	34.8	30.3	27.8	0.0	3150	37.3	31.8	15.3	0.0	0.0	0.0
80.0	69.8	57.8	32.8	29.8	28.3	0.0	4000	37.8	29.8	17.3	0.0	0.0	0.0
100	66.8	57.8	30.3	26.8	24.3	23.3	5000	39.8	29.8	17.8	0.0	0.0	0.0
125	62.3	53.3	36.8	23.8	21.3	20.8	6300	37.3	28.3	19.3	16.3	15.3	0.0
160	61.8	50.8	35.3	23.8	20.8	20.3	8000	35.3	27.3	19.3	16.8	15.8	0.0
200	55.8	47.3	34.3	23.8	21.8	20.8	10000	31.8	25.3	18.8	16.3	0.0	0.0
250	54.3	44.8	27.8	24.3	21.8	21.3	12500	29.8	22.8	15.8	0.0	0.0	0.0
315	51.3	43.8	30.8	22.8	21.3	20.3	16000	34.3	18.8	0.0	0.0	0.0	0.0
400	49.3	43.3	25.3	21.3	19.8	19.3	20000	16.8	0.0	0.0	0.0	0.0	0.0
500	50.3	42.8	22.8	19.8	17.8	17.3							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WDD2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WDD2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 16:16:13

Ln Start Level: 15 dB

L0.10	76.0 dBA	L50.00	50.6 dBA	L99.00	43.7 dBA
L1.00	59.4 dBA	L90.00	46.6 dBA	L99.90	42.4 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1272

Current Any Data
Start Time: 26-Feb-2001 16:16:13
Elapsed Time: 00:21:10.5

	A Weight		C Weight		Flat	
Leq:	53.6 dBA		69.4 dBC		74.0 dBF	
SEL:	84.6 dBA		100.5 dBC		105.0 dBF	
Peak:	97.1 dBA		100.6 dBC		100.7 dBF	
	26-Feb-2001	16:16:13	26-Feb-2001	16:19:11	26-Feb-2001	16:19:11
Lmax (slow):	76.2 dBA		89.4 dBC		89.6 dBF	
	26-Feb-2001	16:19:12	26-Feb-2001	16:19:12	26-Feb-2001	16:19:12
Lmin (slow):	42.4 dBA		56.7 dBC		60.1 dBF	
	26-Feb-2001	16:18:55	26-Feb-2001	16:18:43	26-Feb-2001	16:18:44
Lmax (fast):	79.2 dBA		93.4 dBC		92.2 dBF	
	26-Feb-2001	16:19:12	26-Feb-2001	16:21:51	26-Feb-2001	16:19:12
Lmin (fast):	41.8 dBA		55.5 dBC		58.4 dBF	
	26-Feb-2001	16:18:54	26-Feb-2001	16:18:43	26-Feb-2001	16:16:56
Lmax (impulse):	79.8 dBA		96.4 dBC		93.2 dBF	
	26-Feb-2001	16:19:12	26-Feb-2001	16:21:51	26-Feb-2001	16:19:12
Lmin (impulse):	42.4 dBA		57.5 dBC		61.8 dBF	
	26-Feb-2001	16:18:54	26-Feb-2001	16:18:43	26-Feb-2001	16:18:44

Spectra

Date	Time	Run Time
26-Feb-2001	16:16:13	00:21:10.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	69.8		63.6		46.6		630	45.9		65.8		35.7	
16.0	68.0	72.9	61.6	66.2	49.4	53.4	800	45.2		67.5		33.4	
20.0	65.7		56.7		49.3		1000	43.2	48.3	65.0	70.4	31.2	36.4
25.0	63.2		56.6		48.3		1250	41.3		63.2		29.1	
31.5	60.8	65.9	60.3	64.0	48.2	52.6	1600	39.8		63.8		26.9	
40.0	58.0		60.0		46.8		2000	37.2	42.5	60.2	65.9	24.2	29.5
50.0	55.6		63.7		45.3		2500	34.7		56.3		21.5	
63.0	56.8	61.1	80.4	84.0	44.7	49.5	3150	32.7		54.1		18.5	
80.0	56.5		81.5		44.1		4000	30.3	35.4	51.7	56.8	15.2	21.0
100	57.8		83.7		42.4		5000	27.4		48.9		13.3	
125	55.8	60.6	81.3	86.2	41.5	46.5	6300	25.6		49.7		11.6	
160	52.0		76.4		41.1		8000	23.4	28.3	47.3	52.2	10.6	15.4
200	50.3		74.4		39.9		10000	19.7		43.1		9.6	
250	49.6	54.5	71.8	77.2	38.9	43.6	12500	15.4		39.0		7.7	
315	49.1		69.7		37.5		16000	10.6	17.0	32.3	39.9	5.2	10.5
400	48.1		68.0		37.4		20000	5.5		22.9		2.8	
500	47.1	51.9	66.0	71.5	36.4	41.3							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	81.5	78.0	67.0	60.5	53.5	0.0	630	64.0	52.5	43.5	39.5	36.5	35.5
16.0	81.5	77.0	64.5	58.0	52.0	0.0	800	65.5	51.5	42.0	37.5	34.5	33.5
20.0	79.0	74.5	62.0	55.5	51.5	0.0	1000	63.0	49.0	40.0	35.5	32.5	31.0
25.0	78.5	72.5	59.0	53.0	50.0	48.0	1250	61.5	47.5	37.5	33.5	30.0	29.0
31.5	75.0	70.5	56.5	52.0	50.0	48.0	1600	61.0	45.0	35.5	31.5	27.5	26.5
40.0	73.0	67.0	54.5	51.0	49.0	46.5	2000	57.0	44.0	33.5	29.5	25.0	24.0
50.0	71.5	64.5	52.5	49.5	47.5	45.5	2500	54.0	42.5	31.5	27.0	23.0	21.5
63.0	79.0	67.0	51.0	48.0	46.0	45.0	3150	53.0	40.5	29.0	24.5	20.5	18.5
80.0	80.0	65.0	49.0	46.5	45.0	44.0	4000	50.0	38.5	26.5	21.0	17.0	15.5
100	82.0	63.0	48.0	45.5	44.0	42.5	5000	46.5	37.0	23.0	17.5	0.0	0.0
125	79.5	61.5	48.0	44.5	43.0	41.5	6300	47.5	35.0	20.0	15.5	0.0	0.0
160	74.5	56.5	47.5	44.5	42.5	41.0	8000	45.0	33.5	17.5	0.0	0.0	0.0
200	72.0	54.5	46.5	43.5	41.0	40.0	10000	41.0	30.0	0.0	0.0	0.0	0.0
250	69.5	54.5	46.5	43.0	40.0	39.0	12500	36.5	25.0	0.0	0.0	0.0	0.0
315	69.0	54.5	46.0	42.0	38.5	37.5	16000	32.0	18.0	0.0	0.0	0.0	0.0
400	66.0	54.5	45.5	41.5	38.0	37.5	20000	22.5	0.0	0.0	0.0	0.0	0.0
500	64.0	54.0	45.0	41.0	37.5	36.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WDN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WDN1
Note1:
Note2:

Overall Measurement
Start Time: 22-Feb-2001 22:17:37

Ln Start Level: 15 dB

L0.10	62.2 dBA	L50.00	29.0 dBA	L99.00	23.1 dBA
L1.00	40.9 dBA	L90.00	24.5 dBA	L99.90	22.7 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1214

Current Any Data
Start Time: 22-Feb-2001 22:17:37
Elapsed Time: 00:20:10.7

	A Weight		C Weight		Flat	
Leq:	37.7 dBA		52.6 dBC		59.6 dBF	
SEL:	68.5 dBA		83.5 dBC		90.5 dBF	
Peak:	98.8 dBA		100.2 dBC		100.4 dBF	
	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01
Lmax (slow):	67.2 dBA		73.3 dBC		74.5 dBF	
	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01
Lmin (slow):	22.6 dBA		38.7 dBC		43.8 dBF	
	22-Feb-2001	22:19:03	22-Feb-2001	22:19:07	22-Feb-2001	22:29:16
Lmax (fast):	75.5 dBA		81.2 dBC		81.8 dBF	
	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01
Lmin (fast):	22.1 dBA		36.0 dBC		40.6 dBF	
	22-Feb-2001	22:19:03	22-Feb-2001	22:19:07	22-Feb-2001	22:18:31
Lmax (impulse):	80.0 dBA		85.7 dBC		85.9 dBF	
	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01	22-Feb-2001	22:23:01
Lmin (impulse):	22.4 dBA		40.2 dBC		43.8 dBF	
	22-Feb-2001	22:19:03	22-Feb-2001	22:18:01	22-Feb-2001	22:37:41

Spectra

Date	Time	Run Time
22-Feb-2001	22:17:37	00:20:10.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	55.3		55.3		23.9		630	25.9		55.0		12.7	
16.0	52.4	57.8	54.0	58.3	28.2	33.1	800	24.0		50.9		7.3	
20.0	49.2		49.2		30.6		1000	26.4	30.2	55.9	59.5	4.6	10.4
25.0	45.4		50.3		23.0		1250	25.7		55.7		4.3	
31.5	43.1	48.2	46.1	52.0	30.5	32.8	1600	28.3		58.4		2.9	
40.0	40.3		39.7		27.6		2000	25.7	31.7	55.8	61.8	2.8	7.8
50.0	38.7		36.9		26.3		2500	26.4		56.5		3.4	
63.0	35.5	41.2	32.9	39.0	27.3	30.6	3150	26.2		56.4		4.2	
80.0	33.5		30.3		22.6		4000	24.6	29.4	54.7	59.5	5.1	10.0
100	35.3		28.3		21.2		5000	22.1		52.0		6.2	
125	37.0	41.4	25.7	31.0	19.8	24.9	6300	18.8		48.1		7.3	
160	37.3		23.3		19.3		8000	16.4	22.0	43.8	50.3	8.7	13.2
200	35.4		39.8		19.8		10000	16.1		42.8		9.0	
250	31.8	37.6	39.7	52.0	19.5	24.2	12500	16.9		45.5		7.5	
315	29.1		51.5		18.9		16000	20.0	22.2	49.9	51.7	5.0	10.3
400	29.8		59.1		18.2		20000	12.5		41.4		3.1	
500	26.2	32.5	54.6	61.5	15.8	20.9							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	67.5	64.5	50.5	38.0	30.5	0.0	630	50.0	30.0	17.5	0.0	0.0	0.0
16.0	64.0	61.5	47.0	36.5	31.0	0.0	800	48.0	31.0	0.0	0.0	0.0	0.0
20.0	62.5	58.5	43.0	35.0	31.5	0.0	1000	51.0	31.5	0.0	0.0	0.0	0.0
25.0	59.0	55.5	39.5	33.0	30.5	0.0	1250	50.5	30.0	0.0	0.0	0.0	0.0
31.5	61.5	51.0	39.0	36.0	32.5	0.0	1600	53.5	28.0	0.0	0.0	0.0	0.0
40.0	55.0	47.5	38.0	34.0	29.5	0.0	2000	50.5	25.5	0.0	0.0	0.0	0.0
50.0	54.5	45.0	37.0	33.0	29.0	26.5	2500	51.5	27.0	0.0	0.0	0.0	0.0
63.0	49.0	43.0	33.5	31.0	29.0	27.5	3150	51.5	27.0	0.0	0.0	0.0	0.0
80.0	53.5	41.0	29.5	26.0	24.5	22.5	4000	49.5	27.0	0.0	0.0	0.0	0.0
100	59.0	38.0	27.0	24.5	23.0	21.5	5000	47.0	25.0	0.0	0.0	0.0	0.0
125	59.5	38.5	34.5	23.5	21.0	20.0	6300	43.0	21.0	0.0	0.0	0.0	0.0
160	61.0	38.5	33.5	22.5	20.0	19.5	8000	38.5	20.0	0.0	0.0	0.0	0.0
200	57.5	38.5	33.0	22.0	20.5	20.0	10000	38.0	19.5	0.0	0.0	0.0	0.0
250	55.5	35.0	26.5	21.5	20.0	19.5	12500	40.5	19.0	0.0	0.0	0.0	0.0
315	49.0	34.5	28.0	20.0	19.0	19.0	16000	44.5	17.5	0.0	0.0	0.0	0.0
400	54.0	33.5	22.0	19.5	18.5	18.5	20000	36.5	0.0	0.0	0.0	0.0	0.0
500	49.5	32.5	18.0	16.5	16.0	15.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WDN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WDN2
Note1:
Note2:

Overall Measurement
Start Time: 27-Feb-2001 00:00:13

Ln Start Level: 15 dB

L0.10	55.4 dBA	L50.00	34.6 dBA	L99.00	28.2 dBA
L1.00	49.2 dBA	L90.00	31.8 dBA	L99.90	27.3 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 27-Feb-2001 00:00:13
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	37.5 dBA		55.5 dBC		62.6 dBF	
SEL:	68.3 dBA		86.3 dBC		93.4 dBF	
Peak:	97.1 dBA		97.4 dBC		98.1 dBF	
	27-Feb-2001	00:00:14	27-Feb-2001	00:00:14	27-Feb-2001	00:00:14
Lmax (slow):	55.9 dBA		68.7 dBC		75.3 dBF	
	27-Feb-2001	00:11:19	27-Feb-2001	00:04:47	27-Feb-2001	00:04:47
Lmin (slow):	27.0 dBA		43.9 dBC		47.5 dBF	
	27-Feb-2001	00:03:21	27-Feb-2001	00:03:42	27-Feb-2001	00:00:15
Lmax (fast):	63.1 dBA		72.4 dBC		80.3 dBF	
	27-Feb-2001	00:11:19	27-Feb-2001	00:14:38	27-Feb-2001	00:14:38
Lmin (fast):	26.3 dBA		40.8 dBC		44.3 dBF	
	27-Feb-2001	00:03:21	27-Feb-2001	00:03:18	27-Feb-2001	00:03:18
Lmax (impulse):	66.9 dBA		75.0 dBC		83.5 dBF	
	27-Feb-2001	00:11:19	27-Feb-2001	00:17:16	27-Feb-2001	00:09:38
Lmin (impulse):	26.8 dBA		44.8 dBC		47.9 dBF	
	27-Feb-2001	00:03:21	27-Feb-2001	00:00:15	27-Feb-2001	00:00:15

Spectra

Date	Time	Run Time
27-Feb-2001	00:00:13	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	58.9		55.1		37.9		630	28.3		43.8		19.3	
16.0	56.3	61.5	54.1	58.1	27.8	40.8	800	26.8		43.0		17.3	
20.0	53.0		48.0		37.1		1000	29.9	32.9	50.9	52.9	15.2	20.4
25.0	49.4		44.7		36.4		1250	27.1		47.3		13.5	
31.5	46.3	51.8	44.8	48.8	36.3	40.5	1600	25.4		45.0		11.5	
40.0	43.5		42.0		34.0		2000	25.9	29.7	46.1	49.6	9.8	14.8
50.0	41.0		39.0		33.3		2500	23.0		42.7		8.1	
63.0	38.8	44.0	36.7	42.4	31.1	36.3	3150	22.1		42.8		6.9	
80.0	36.9		36.6		29.1		4000	20.1	25.4	39.0	45.4	6.6	11.5
100	34.9		33.5		27.1		5000	19.2		38.8		6.8	
125	33.6	38.7	34.2	38.4	26.9	31.2	6300	17.1		36.4		7.6	
160	33.0		33.0		24.9		8000	17.2	21.2	36.8	40.3	8.3	13.0
200	31.2		30.9		23.7		10000	14.3		31.6		8.6	
250	30.8	35.8	30.8	37.0	23.6	28.2	12500	11.5		28.7		7.1	
315	31.0		34.1		23.0		16000	6.8	13.3	18.9	29.2	5.0	10.2
400	30.7		33.2		21.5		20000	4.2		9.1		3.4	
500	29.3	34.3	40.2	45.6	20.2	25.2							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	71.0	68.0	56.0	47.0	40.0	0.0	630	42.0	36.0	26.5	23.0	20.0	19.5
16.0	69.0	65.5	53.0	44.5	40.0	0.0	800	40.5	35.0	25.0	22.0	18.0	17.5
20.0	66.5	62.5	49.5	42.5	39.0	0.0	1000	49.0	43.0	23.5	20.5	16.5	15.0
25.0	62.0	59.5	46.0	40.0	38.0	0.0	1250	45.5	39.5	21.5	18.5	0.0	0.0
31.5	59.5	55.5	43.5	40.0	37.5	0.0	1600	43.5	38.0	20.0	17.0	0.0	0.0
40.0	55.5	52.0	41.5	38.5	35.0	0.0	2000	44.5	39.0	18.5	15.0	0.0	0.0
50.0	51.5	48.0	39.5	37.0	34.5	33.5	2500	41.5	35.5	16.5	0.0	0.0	0.0
63.0	47.5	44.5	38.0	35.0	32.5	31.5	3150	40.5	35.0	0.0	0.0	0.0	0.0
80.0	45.0	43.5	36.0	33.0	30.5	29.5	4000	38.5	33.0	0.0	0.0	0.0	0.0
100	45.0	41.0	33.5	31.0	28.5	27.0	5000	37.0	32.5	0.0	0.0	0.0	0.0
125	40.0	38.0	32.5	30.5	27.5	27.0	6300	35.0	29.5	0.0	0.0	0.0	0.0
160	42.5	39.0	32.0	29.0	26.0	25.0	8000	35.0	30.0	0.0	0.0	0.0	0.0
200	41.0	35.5	30.0	27.5	24.5	24.0	10000	31.0	26.5	0.0	0.0	0.0	0.0
250	43.0	35.0	30.0	27.0	24.0	23.5	12500	29.0	22.5	0.0	0.0	0.0	0.0
315	43.5	35.0	30.0	27.0	23.5	23.0	16000	20.0	0.0	0.0	0.0	0.0	0.0
400	40.5	34.5	30.0	26.5	22.5	22.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	38.5	34.5	28.5	24.5	21.0	20.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WED1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WED1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 08:05:11

Ln Start Level: 15 dB

L0.10	62.8 dBA	L50.00	26.2 dBA	L99.00	21.5 dBA
L1.00	54.8 dBA	L90.00	22.7 dBA	L99.90	21.1 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1212

Current Any Data
Start Time: 24-Feb-2001 08:05:11
Elapsed Time: 00:20:10.0

	A Weight		C Weight		Flat	
Leq:	40.6 dBA		49.6 dBC		54.2 dBF	
SEL:	71.4 dBA		80.4 dBC		85.1 dBF	
Peak:	96.6 dBA		98.3 dBC		99.4 dBF	
	24-Feb-2001	08:05:11	24-Feb-2001	08:05:11	24-Feb-2001	08:05:11
Lmax (slow):	62.9 dBA		67.6 dBC		68.5 dBF	
	24-Feb-2001	08:18:13	24-Feb-2001	08:19:49	24-Feb-2001	08:19:50
Lmin (slow):	21.0 dBA		39.1 dBC		43.4 dBF	
	24-Feb-2001	08:22:01	24-Feb-2001	08:22:22	24-Feb-2001	08:24:29
Lmax (fast):	65.0 dBA		69.4 dBC		70.8 dBF	
	24-Feb-2001	08:19:48	24-Feb-2001	08:19:48	24-Feb-2001	08:15:52
Lmin (fast):	20.0 dBA		36.8 dBC		40.6 dBF	
	24-Feb-2001	08:14:42	24-Feb-2001	08:11:22	24-Feb-2001	08:24:28
Lmax (impulse):	66.4 dBA		70.6 dBC		73.9 dBF	
	24-Feb-2001	08:19:48	24-Feb-2001	08:19:48	24-Feb-2001	08:15:52
Lmin (impulse):	20.7 dBA		40.1 dBC		44.6 dBF	
	24-Feb-2001	08:22:05	24-Feb-2001	08:22:22	24-Feb-2001	08:07:10

Spectra

Date	Time	Run Time
24-Feb-2001	08:05:11	00:20:10.0

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	48.9		43.6		35.0		630	32.2		54.7		11.0	
16.0	46.6	51.6	42.1	47.2	34.5	38.9	800	33.0		56.0		8.7	
20.0	43.5		41.3		32.6		1000	33.2	37.7	55.7	60.2	7.6	12.2
25.0	40.2		44.4		28.2		1250	32.5		54.6		5.4	
31.5	39.1	44.0	50.5	53.1	27.7	33.4	1600	30.1		52.3		2.9	
40.0	38.3		48.0		29.7		2000	27.2	32.6	49.8	55.0	2.5	7.5
50.0	43.2		48.9		26.7		2500	24.0		46.8		2.8	
63.0	38.3	45.0	48.0	53.4	24.4	29.2	3150	21.7		43.5		3.2	
80.0	36.0		48.8		19.0		4000	20.6	25.6	42.3	47.1	4.4	9.3
100	37.5		47.9		20.6		5000	20.1		40.8		5.6	
125	33.6	40.3	47.1	53.7	18.2	23.4	6300	19.6		41.7		6.8	
160	34.5		50.8		15.7		8000	19.1	23.4	41.5	45.5	8.1	12.6
200	32.9		53.2		14.5		10000	16.8		38.4		8.3	
250	29.8	35.8	50.2	56.2	14.7	19.4	12500	13.5		34.8		6.9	
315	29.6		50.3		14.8		16000	9.1	15.5	26.8	35.6	4.6	9.9
400	30.6		52.6		13.6		20000	7.1		22.4		3.1	
500	31.8	36.4	54.2	58.7	11.6	17.0							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	62.5	58.5	43.5	39.0	0.0	0.0	630	54.0	46.0	16.0	0.0	0.0	0.0
16.0	59.0	56.0	43.0	40.0	0.0	0.0	800	54.5	46.5	0.0	0.0	0.0	0.0
20.0	55.0	51.5	41.0	38.5	0.0	0.0	1000	54.5	46.5	0.0	0.0	0.0	0.0
25.0	52.0	47.5	38.0	35.5	32.5	0.0	1250	53.5	45.5	0.0	0.0	0.0	0.0
31.5	51.5	47.5	37.0	34.5	32.0	0.0	1600	52.0	42.5	0.0	0.0	0.0	0.0
40.0	52.5	47.5	35.0	32.0	30.0	0.0	2000	49.0	39.5	0.0	0.0	0.0	0.0
50.0	63.0	56.0	32.5	29.0	27.5	0.0	2500	45.5	36.5	0.0	0.0	0.0	0.0
63.0	55.5	51.5	30.0	26.5	25.0	0.0	3150	42.0	34.5	0.0	0.0	0.0	0.0
80.0	57.5	46.5	28.0	25.0	23.0	0.0	4000	40.5	34.0	0.0	0.0	0.0	0.0
100	59.5	48.0	26.5	22.5	21.0	0.0	5000	41.0	33.0	0.0	0.0	0.0	0.0
125	54.5	46.0	23.0	20.5	19.0	0.0	6300	41.5	32.0	0.0	0.0	0.0	0.0
160	56.5	46.5	21.0	18.0	16.0	0.0	8000	41.5	30.5	0.0	0.0	0.0	0.0
200	54.0	45.0	20.5	18.0	15.5	0.0	10000	38.5	27.0	0.0	0.0	0.0	0.0
250	50.0	42.5	20.5	17.5	16.0	0.0	12500	35.0	24.0	0.0	0.0	0.0	0.0
315	50.0	43.0	20.0	17.0	15.0	0.0	16000	27.0	19.0	0.0	0.0	0.0	0.0
400	52.0	43.0	19.0	16.5	0.0	0.0	20000	22.5	0.0	0.0	0.0	0.0	0.0
500	53.5	44.5	17.5	15.0	0.0	0.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WED2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WED2
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 10:49:23

Ln Start Level: 15 dB

L0.10	69.4 dBA	L50.00	30.8 dBA	L99.00	29.4 dBA
L1.00	60.3 dBA	L90.00	29.9 dBA	L99.90	29.1 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 24-Feb-2001 10:49:23
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	45.9 dBA		57.0 dBC		58.7 dBF	
SEL:	76.7 dBA		87.8 dBC		89.5 dBF	
Peak:	96.8 dBA		99.7 dBC		100.7 dBF	
	24-Feb-2001	10:49:23	24-Feb-2001	10:49:23	24-Feb-2001	10:49:23
Lmax (slow):	69.6 dBA		81.7 dBC		82.1 dBF	
	24-Feb-2001	11:02:15	24-Feb-2001	11:02:15	24-Feb-2001	11:02:15
Lmin (slow):	29.0 dBA		44.5 dBC		46.6 dBF	
	24-Feb-2001	10:58:38	24-Feb-2001	11:01:24	24-Feb-2001	11:04:17
Lmax (fast):	72.6 dBA		85.3 dBC		85.7 dBF	
	24-Feb-2001	11:02:15	24-Feb-2001	11:02:14	24-Feb-2001	11:02:14
Lmin (fast):	28.0 dBA		42.9 dBC		44.8 dBF	
	24-Feb-2001	10:58:19	24-Feb-2001	10:59:10	24-Feb-2001	11:06:14
Lmax (impulse):	73.4 dBA		86.1 dBC		86.5 dBF	
	24-Feb-2001	11:02:15	24-Feb-2001	11:02:14	24-Feb-2001	11:02:14
Lmin (impulse):	29.3 dBA		45.3 dBC		47.6 dBF	
	24-Feb-2001	10:58:37	24-Feb-2001	11:01:04	24-Feb-2001	11:04:16

Spectra

Date	Time	Run Time
24-Feb-2001	10:49:23	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	48.8		49.9		35.2		630	37.5		60.6		14.3	
16.0	47.2	51.8	49.1	53.8	35.0	39.9	800	37.5		60.9		6.6	
20.0	43.9		48.0		35.2		1000	37.1	41.6	59.7	64.5	5.0	10.2
25.0	41.5		49.4		33.0		1250	35.6		58.1		4.2	
31.5	44.7	48.3	60.0	62.7	36.6	40.2	1600	33.6		56.5		2.4	
40.0	43.7		58.8		36.0		2000	31.7	36.7	54.7	59.7	2.9	7.8
50.0	46.5		68.1		34.4		2500	29.5		52.6		3.7	
63.0	43.2	54.4	63.5	79.8	31.7	36.6	3150	27.6		50.1		4.7	
80.0	53.2		79.4		25.7		4000	26.3	31.2	48.2	53.4	5.6	10.5
100	49.0		72.8		25.6		5000	25.2		47.1		6.7	
125	45.2	51.0	60.3	73.3	35.8	38.1	6300	23.9		46.1		7.9	
160	40.8		61.4		33.6		8000	26.1	28.9	45.1	49.9	9.0	13.4
200	40.0		62.8		31.5		10000	21.1		43.8		8.9	
250	44.1	46.4	70.0	71.5	23.2	33.8	12500	16.8		39.1		7.5	
315	39.2		63.6		28.9		16000	11.5	18.2	32.6	40.1	5.2	10.5
400	36.4		60.2		17.7		20000	6.0		24.1		3.5	
500	36.9	41.7	60.1	65.1	11.7	20.0							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	60.0	57.5	43.5	39.0	36.5	0.0	630	58.5	52.0	19.5	18.0	17.5	16.5
16.0	60.0	56.0	42.5	39.0	36.5	0.0	800	58.5	52.0	0.0	0.0	0.0	0.0
20.0	54.5	52.0	41.0	38.0	36.5	0.0	1000	57.5	51.5	0.0	0.0	0.0	0.0
25.0	56.0	50.0	38.0	35.5	34.0	0.0	1250	56.5	50.0	0.0	0.0	0.0	0.0
31.5	65.5	55.5	40.5	38.5	37.0	0.0	1600	55.0	47.5	0.0	0.0	0.0	0.0
40.0	61.0	56.5	39.5	37.5	36.5	0.0	2000	53.0	45.5	0.0	0.0	0.0	0.0
50.0	67.0	59.5	37.5	36.0	35.0	34.5	2500	51.0	43.5	0.0	0.0	0.0	0.0
63.0	62.5	57.0	34.5	33.5	32.5	31.5	3150	48.0	41.5	0.0	0.0	0.0	0.0
80.0	78.0	58.5	32.0	28.5	26.5	25.5	4000	46.0	40.5	0.0	0.0	0.0	0.0
100	72.5	60.0	28.5	27.0	26.0	25.5	5000	45.5	39.0	0.0	0.0	0.0	0.0
125	68.0	57.0	37.0	36.5	36.0	35.5	6300	44.5	37.0	0.0	0.0	0.0	0.0
160	59.5	53.0	36.5	35.5	35.0	35.0	8000	49.0	37.0	0.0	0.0	0.0	0.0
200	61.5	53.0	32.5	32.0	31.5	31.5	10000	42.0	33.0	0.0	0.0	0.0	0.0
250	68.5	53.0	25.0	24.0	23.5	23.0	12500	37.5	29.0	0.0	0.0	0.0	0.0
315	62.0	51.0	30.5	30.0	29.5	29.0	16000	31.0	24.0	0.0	0.0	0.0	0.0
400	58.5	50.0	22.0	20.0	19.5	19.0	20000	22.5	15.0	0.0	0.0	0.0	0.0
500	58.0	51.5	17.5	0.0	0.0	0.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WEN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WEN1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 22:00:08

Ln Start Level: 15 dB

L0.10	65.3 dBA	L50.00	31.9 dBA	L99.00	21.4 dBA
L1.00	52.8 dBA	L90.00	23.1 dBA	L99.90	21.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1204

Current Any Data
Start Time: 24-Feb-2001 22:00:08
Elapsed Time: 00:20:02.2

	A Weight		C Weight		Flat	
Leq:	42.0 dBA		67.2 dBC		71.6 dBF	
SEL:	72.8 dBA		98.0 dBC		102.4 dBF	
Peak:	97.0 dBA		97.2 dBC		99.4 dBF	
	24-Feb-2001	22:00:08	24-Feb-2001	22:00:08	24-Feb-2001	22:18:06
Lmax (slow):	65.4 dBA		82.0 dBC		85.1 dBF	
	24-Feb-2001	22:02:13	24-Feb-2001	22:18:06	24-Feb-2001	22:18:06
Lmin (slow):	21.2 dBA		36.1 dBC		40.2 dBF	
	24-Feb-2001	22:11:26	24-Feb-2001	22:10:23	24-Feb-2001	22:10:23
Lmax (fast):	68.5 dBA		87.4 dBC		90.6 dBF	
	24-Feb-2001	22:02:13	24-Feb-2001	22:18:06	24-Feb-2001	22:18:06
Lmin (fast):	20.1 dBA		34.2 dBC		36.7 dBF	
	24-Feb-2001	22:09:07	24-Feb-2001	22:10:21	24-Feb-2001	22:10:21
Lmax (impulse):	69.2 dBA		89.5 dBC		93.2 dBF	
	24-Feb-2001	22:02:13	24-Feb-2001	22:18:06	24-Feb-2001	22:18:06
Lmin (impulse):	21.1 dBA		37.3 dBC		43.4 dBF	
	24-Feb-2001	22:11:01	24-Feb-2001	22:10:32	24-Feb-2001	22:10:32

Spectra

Date	Time	Run Time
24-Feb-2001	22:00:08	00:20:02.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	66.8		62.4		37.8		630	31.0		57.1		9.1	
16.0	65.8	70.6	60.4	65.5	33.7	40.0	800	32.8		59.3		6.7	
20.0	64.6		58.6		31.9		1000	31.7	36.5	58.1	62.8	4.0	9.6
25.0	63.2		58.7		31.9		1250	30.3		56.3		3.0	
31.5	61.8	66.7	68.0	68.7	29.8	34.9	1600	27.1		52.6		2.3	
40.0	60.1		56.0		27.9		2000	24.2	29.7	49.8	55.2	2.3	7.4
50.0	58.3		61.5		26.1		2500	21.7		47.1		3.3	
63.0	55.6	60.9	58.6	67.1	26.2	30.4	3150	20.0		45.1		4.2	
80.0	52.8		64.7		24.2		4000	19.5	24.2	45.5	49.7	5.1	10.0
100	49.4		58.3		19.4		5000	18.7		44.2		6.2	
125	46.4	51.9	58.0	62.4	16.2	22.0	6300	18.1		43.6		7.4	
160	44.0		56.4		14.6		8000	17.7	22.3	42.1	46.7	8.5	13.1
200	41.1		61.4		13.4		10000	16.6		38.8		8.9	
250	36.8	42.9	58.3	63.9	13.8	18.4	12500	14.4		34.8		7.6	
315	32.5		56.0		13.6		16000	13.7	17.7	28.6	35.9	5.4	10.6
400	30.0		55.8		12.7		20000	9.3		21.5		3.7	
500	30.1	35.2	55.9	61.1	11.3	16.0							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	80.5	75.5	63.0	52.5	41.0	0.0	630	55.0	41.5	0.0	0.0	0.0	0.0
16.0	77.0	74.5	61.5	51.0	40.0	0.0	800	57.0	43.0	0.0	0.0	0.0	0.0
20.0	76.0	73.5	60.5	49.0	37.0	0.0	1000	56.0	42.0	0.0	0.0	0.0	0.0
25.0	75.5	72.5	59.0	46.0	34.0	0.0	1250	54.5	39.0	0.0	0.0	0.0	0.0
31.5	72.5	70.5	57.5	43.0	31.5	0.0	1600	50.5	38.5	0.0	0.0	0.0	0.0
40.0	72.0	69.5	55.0	38.5	30.0	0.0	2000	47.5	36.5	0.0	0.0	0.0	0.0
50.0	71.5	68.0	52.0	35.0	27.5	26.0	2500	45.0	34.0	0.0	0.0	0.0	0.0
63.0	68.0	65.5	48.0	33.0	28.5	26.5	3150	43.0	33.0	0.0	0.0	0.0	0.0
80.0	65.5	63.5	44.5	29.0	25.0	24.0	4000	43.0	31.5	0.0	0.0	0.0	0.0
100	63.0	60.0	41.5	24.0	20.0	19.5	5000	42.0	30.0	0.0	0.0	0.0	0.0
125	59.0	56.5	38.5	20.0	17.5	16.5	6300	41.5	28.5	0.0	0.0	0.0	0.0
160	58.0	54.5	33.5	17.0	15.0	0.0	8000	40.0	27.5	0.0	0.0	0.0	0.0
200	59.0	52.5	28.0	15.0	0.0	0.0	10000	37.0	25.5	0.0	0.0	0.0	0.0
250	56.5	49.0	23.0	15.5	0.0	0.0	12500	33.0	21.0	0.0	0.0	0.0	0.0
315	54.0	45.5	19.5	15.0	0.0	0.0	16000	27.0	21.5	0.0	0.0	0.0	0.0
400	53.5	40.5	17.0	0.0	0.0	0.0	20000	20.0	15.0	0.0	0.0	0.0	0.0
500	53.5	40.5	15.5	0.0	0.0	0.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML1-WEN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML1-WEN2
Note1:
Note2:

Overall Measurement
Start Time: 25-Feb-2001 00:34:03

Ln Start Level: 15 dB

L0.10	55.4 dBA	L50.00	32.8 dBA	L99.00	23.9 dBA
L1.00	48.2 dBA	L90.00	28.2 dBA	L99.90	23.3 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1204

Current Any Data
Start Time: 25-Feb-2001 00:34:03
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	37.5 dBA		59.5 dBC		65.4 dBF	
SEL:	68.3 dBA		90.4 dBC		96.2 dBF	
Peak:	96.7 dBA		97.3 dBC		97.5 dBF	
	25-Feb-2001	00:34:03	25-Feb-2001	00:34:03	25-Feb-2001	00:34:03
Lmax (slow):	56.1 dBA		78.4 dBC		83.1 dBF	
	25-Feb-2001	00:35:19	25-Feb-2001	00:35:03	25-Feb-2001	00:55:30
Lmin (slow):	23.2 dBA		38.2 dBC		41.3 dBF	
	25-Feb-2001	00:45:02	25-Feb-2001	00:44:56	25-Feb-2001	00:44:56
Lmax (fast):	64.5 dBA		82.7 dBC		87.1 dBF	
	25-Feb-2001	00:35:19	25-Feb-2001	00:35:03	25-Feb-2001	00:55:30
Lmin (fast):	22.8 dBA		36.6 dBC		39.5 dBF	
	25-Feb-2001	00:45:02	25-Feb-2001	00:44:56	25-Feb-2001	00:44:47
Lmax (impulse):	69.0 dBA		85.8 dBC		90.0 dBF	
	25-Feb-2001	00:35:19	25-Feb-2001	00:35:03	25-Feb-2001	00:35:03
Lmin (impulse):	23.3 dBA		39.5 dBC		43.1 dBF	
	25-Feb-2001	00:45:02	25-Feb-2001	00:44:56	25-Feb-2001	00:44:54

Spectra

Date	Time	Run Time
25-Feb-2001	00:34:03	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	61.7		61.4		32.1		630	27.8		42.4		14.4	
16.0	59.5	64.6	60.0	64.6	30.8	36.3	800	27.5		37.4		12.1	
20.0	57.2		56.8		31.7		1000	27.9	32.0	35.6	44.3	9.4	14.9
25.0	54.8		57.1		31.8		1250	26.1		42.5		7.7	
31.5	51.6	57.2	54.5	59.5	32.4	36.6	1600	25.0		42.8		5.4	
40.0	49.1		49.7		31.2		2000	24.1	28.6	40.0	45.3	4.2	9.3
50.0	47.1		48.3		29.5		2500	21.8		36.7		4.0	
63.0	47.9	50.9	43.9	50.3	26.8	32.2	3150	20.9		36.4		4.4	
80.0	40.2		41.7		24.6		4000	18.6	23.8	38.2	42.5	4.9	9.9
100	37.3		38.0		22.8		5000	16.7		38.3		5.9	
125	37.4	41.6	35.2	40.7	20.7	26.0	6300	15.8		36.4		7.1	
160	35.6		33.0		19.7		8000	16.5	20.2	32.0	39.1	8.1	12.7
200	35.5		38.7		19.8		10000	13.5		33.4		8.4	
250	33.4	38.8	39.9	47.2	19.6	24.5	12500	13.5		31.7		7.1	
315	32.8		45.5		19.7		16000	21.6	22.3	44.8	45.2	5.0	10.2
400	30.5		50.2		19.1		20000	6.3		31.7		3.4	
500	28.3	33.8	45.4	52.0	15.4	21.6							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	78.5	74.0	50.0	36.5	33.5	0.0	630	42.5	36.5	23.5	19.5	15.5	15.0
16.0	76.0	71.5	47.0	35.5	32.5	0.0	800	45.0	38.5	22.0	0.0	0.0	0.0
20.0	75.0	69.5	45.0	35.5	33.0	0.0	1000	46.5	39.5	20.5	0.0	0.0	0.0
25.0	73.0	67.0	42.5	35.0	32.5	0.0	1250	43.5	38.0	19.5	0.0	0.0	0.0
31.5	69.0	64.0	41.5	36.0	33.5	0.0	1600	43.5	36.5	17.5	0.0	0.0	0.0
40.0	67.0	61.5	41.0	35.0	32.5	0.0	2000	41.5	36.5	16.5	0.0	0.0	0.0
50.0	65.5	59.5	39.0	33.5	30.5	0.0	2500	38.5	33.5	15.0	0.0	0.0	0.0
63.0	69.5	57.0	37.0	31.5	28.5	0.0	3150	38.5	33.0	0.0	0.0	0.0	0.0
80.0	56.0	52.0	34.0	29.0	25.5	0.0	4000	36.5	31.5	0.0	0.0	0.0	0.0
100	54.5	50.0	31.5	26.5	23.5	23.0	5000	34.5	29.0	0.0	0.0	0.0	0.0
125	54.0	46.5	36.5	24.5	21.5	20.5	6300	34.0	27.5	0.0	0.0	0.0	0.0
160	49.5	43.0	35.0	23.5	20.5	20.0	8000	36.0	28.0	0.0	0.0	0.0	0.0
200	56.0	42.0	32.5	23.0	20.0	19.5	10000	30.0	24.0	0.0	0.0	0.0	0.0
250	52.5	41.0	27.5	23.5	20.5	19.5	12500	36.0	21.0	0.0	0.0	0.0	0.0
315	44.5	38.5	31.5	23.5	20.5	20.0	16000	46.5	20.5	0.0	0.0	0.0	0.0
400	46.5	38.0	26.5	22.5	20.0	19.0	20000	26.5	0.0	0.0	0.0	0.0	0.0
500	42.0	36.5	24.5	19.0	17.5	17.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WDD1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WDD1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 10:25:49

Ln Start Level: 15 dB

L0.10	54.6 dBA	L50.00	43.8 dBA	L99.00	34.0 dBA
L1.00	51.8 dBA	L90.00	37.9 dBA	L99.90	33.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1529

Current Any Data
Start Time: 23-Feb-2001 10:25:49
Elapsed Time: 00:25:26.2

	A Weight		C Weight		Flat	
Leq:	45.1 dBA		53.6 dBC		58.4 dBF	
SEL:	76.9 dBA		85.5 dBC		90.2 dBF	
Peak:	80.4 dBA		90.2 dBC		94.4 dBF	
	23-Feb-2001	10:35:16	23-Feb-2001	10:46:12	23-Feb-2001	10:46:12
Lmax (slow):	55.5 dBA		74.4 dBC		80.2 dBF	
	23-Feb-2001	10:28:09	23-Feb-2001	10:46:12	23-Feb-2001	10:46:12
Lmin (slow):	33.1 dBA		43.0 dBC		45.2 dBF	
	23-Feb-2001	10:42:33	23-Feb-2001	10:50:05	23-Feb-2001	10:50:05
Lmax (fast):	60.2 dBA		81.3 dBC		87.3 dBF	
	23-Feb-2001	10:28:08	23-Feb-2001	10:46:12	23-Feb-2001	10:46:12
Lmin (fast):	32.6 dBA		42.3 dBC		43.6 dBF	
	23-Feb-2001	10:42:33	23-Feb-2001	10:50:05	23-Feb-2001	10:50:05
Lmax (impulse):	62.0 dBA		84.7 dBC		90.2 dBF	
	23-Feb-2001	10:28:08	23-Feb-2001	10:46:12	23-Feb-2001	10:46:12
Lmin (impulse):	32.9 dBA		43.7 dBC		46.5 dBF	
	23-Feb-2001	10:42:33	23-Feb-2001	10:50:05	23-Feb-2001	10:50:05

Spectra

Date	Time	Run Time
23-Feb-2001	10:25:49	00:25:26.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	54.4		45.9		34.0		630	38.5		44.7		25.7	
16.0	53.2	57.6	43.2	49.0	34.8	38.8	800	39.6		51.8		25.7	
20.0	49.3		43.1		33.0		1000	37.9	42.6	48.5	53.7	24.3	29.0
25.0	47.2		41.6		32.0		1250	34.6		41.4		21.7	
31.5	44.1	50.3	40.4	46.3	32.9	37.0	1600	30.9		37.2		17.8	
40.0	44.5		42.4		31.7		2000	26.6	32.7	30.5	38.3	12.6	19.3
50.0	39.1		40.7		26.6		2500	22.8		26.7		8.0	
63.0	38.8	43.6	35.1	42.3	25.7	31.3	3150	19.2		24.4		5.9	
80.0	38.5		32.9		27.2		4000	17.0	22.4	22.3	28.3	5.9	11.0
100	37.7		32.9		26.7		5000	15.9		23.6		6.8	
125	37.4	42.5	33.8	39.1	26.5	31.7	6300	15.3		19.4		7.6	
160	38.0		35.7		27.4		8000	15.2	19.5	20.6	24.2	8.8	13.4
200	37.1		46.5		28.0		10000	13.5		17.8		9.2	
250	37.4	42.2	49.2	53.2	27.1	32.3	12500	11.1		13.7		7.4	
315	37.8		49.1		27.5		16000	8.6	14.0	8.8	15.5	5.9	11.1
400	37.9		48.7		26.4		20000	7.2		6.5		5.3	
500	38.5	43.1	50.2	53.2	25.5	30.7							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	74.5	66.5	45.5	40.5	37.5	0.0	630	48.5	46.0	36.5	30.0	26.5	25.5
16.0	74.0	64.5	44.0	39.5	36.5	0.0	800	50.0	47.0	37.5	30.5	26.0	25.5
20.0	66.5	61.5	43.0	38.5	35.0	0.0	1000	47.0	45.0	36.0	29.5	25.0	24.5
25.0	62.5	59.0	42.0	37.0	34.5	32.0	1250	42.5	40.5	33.0	27.0	22.5	21.5
31.5	57.5	54.5	41.0	37.0	34.5	32.5	1600	40.0	37.5	29.0	24.0	18.5	17.5
40.0	54.0	51.5	43.5	37.0	33.5	31.5	2000	36.5	34.0	24.5	18.5	0.0	0.0
50.0	55.5	49.5	34.5	30.5	28.5	27.0	2500	36.5	31.5	20.0	0.0	0.0	0.0
63.0	54.5	49.5	34.0	30.5	27.5	26.0	3150	35.5	30.0	15.0	0.0	0.0	0.0
80.0	52.5	48.0	34.5	31.0	28.5	27.5	4000	34.5	28.0	0.0	0.0	0.0	0.0
100	50.5	48.0	34.5	30.0	28.5	27.0	5000	33.0	27.0	0.0	0.0	0.0	0.0
125	52.5	48.0	34.0	30.0	27.0	26.5	6300	33.0	25.5	0.0	0.0	0.0	0.0
160	51.0	48.0	33.5	30.5	28.0	27.5	8000	32.5	25.0	0.0	0.0	0.0	0.0
200	52.5	45.5	34.5	31.0	29.0	28.5	10000	29.0	21.5	0.0	0.0	0.0	0.0
250	48.0	44.5	35.5	31.5	28.0	27.0	12500	25.0	18.0	0.0	0.0	0.0	0.0
315	48.0	45.0	35.5	31.5	28.0	27.5	16000	19.0	0.0	0.0	0.0	0.0	0.0
400	48.5	45.0	35.5	30.5	27.5	26.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	50.0	46.5	36.0	29.5	26.5	25.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WDD2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WDD2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 15:46:42

Ln Start Level: 15 dB

L0.10	58.9 dBA	L50.00	51.8 dBA	L99.00	45.1 dBA
L1.00	58.5 dBA	L90.00	47.7 dBA	L99.90	44.5 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 26-Feb-2001 15:46:42
Elapsed Time: 00:20:01.5

	A Weight		C Weight		Flat	
Leq:	53.1 dBA		64.8 dBC		69.5 dBF	
SEL:	83.9 dBA		95.6 dBC		100.3 dBF	
Peak:	97.0 dBA		97.2 dBC		97.4 dBF	
	26-Feb-2001	15:46:43	26-Feb-2001	15:46:43	26-Feb-2001	16:00:22
Lmax (slow):	59.0 dBA		80.7 dBC		85.4 dBF	
	26-Feb-2001	15:52:21	26-Feb-2001	16:00:22	26-Feb-2001	15:53:36
Lmin (slow):	44.5 dBA		54.2 dBC		56.5 dBF	
	26-Feb-2001	15:50:05	26-Feb-2001	15:50:24	26-Feb-2001	15:50:42
Lmax (fast):	62.6 dBA		86.6 dBC		89.6 dBF	
	26-Feb-2001	15:51:41	26-Feb-2001	16:00:22	26-Feb-2001	16:00:22
Lmin (fast):	43.9 dBA		53.1 dBC		55.2 dBF	
	26-Feb-2001	15:50:03	26-Feb-2001	15:50:39	26-Feb-2001	15:50:42
Lmax (impulse):	66.3 dBA		89.6 dBC		92.2 dBF	
	26-Feb-2001	15:51:41	26-Feb-2001	16:00:22	26-Feb-2001	16:00:22
Lmin (impulse):	44.6 dBA		54.8 dBC		57.3 dBF	
	26-Feb-2001	15:50:27	26-Feb-2001	15:50:40	26-Feb-2001	15:50:39

Spectra
Date Time Run Time
26-Feb-2001 15:46:42 00:20:01.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	65.1		68.6		47.0		630	46.0		52.0		36.4	
16.0	63.2	68.3	68.9	73.2	45.3	50.6	800	44.7		50.3		34.7	
20.0	61.5		67.7		44.9		1000	42.9	47.9	48.5	53.4	33.4	38.2
25.0	59.1		62.3		45.1		1250	40.9		46.1		31.6	
31.5	57.2	62.1	58.8	64.4	44.1	48.9	1600	38.9		43.9		29.4	
40.0	54.8		55.0		43.1		2000	37.2	42.3	42.4	47.3	26.9	32.2
50.0	52.1		52.9		42.3		2500	36.0		40.8		24.7	
63.0	49.1	54.8	50.7	56.7	40.8	45.8	3150	34.9		40.4		21.3	
80.0	47.8		52.0		39.5		4000	33.1	38.0	39.5	44.1	17.5	23.6
100	47.9		50.2		39.9		5000	30.5		37.8		15.7	
125	48.5	53.3	53.5	58.6	39.9	44.8	6300	28.0		34.6		14.4	
160	49.0		55.9		40.2		8000	26.2	31.0	32.7	37.5	14.1	18.5
200	49.1		56.1		40.8		10000	23.5		29.7		12.4	
250	49.2	53.9	55.4	60.3	40.8	45.6	12500	19.0		24.9		9.5	
315	49.1		55.0		41.0		16000	13.2	20.3	18.5	26.0	6.3	12.0
400	48.6		54.2		39.9		20000	7.8		11.9		4.0	
500	47.2	52.2	53.9	58.2	38.6	43.3							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	79.0	76.0	59.5	52.0	48.0	0.0	630	52.0	51.5	44.0	39.5	37.5	36.5
16.0	78.5	74.0	57.5	50.0	47.0	0.0	800	51.0	50.0	43.0	38.5	35.5	34.5
20.0	77.0	73.0	55.0	49.0	46.5	0.0	1000	50.0	47.5	41.5	37.0	34.0	33.5
25.0	74.5	70.5	53.0	48.5	46.5	0.0	1250	46.5	45.5	39.5	35.5	32.5	31.5
31.5	74.0	68.5	51.5	48.0	46.0	0.0	1600	44.5	44.0	37.5	33.5	30.0	29.5
40.0	71.0	66.5	50.0	47.0	45.0	0.0	2000	43.0	42.5	35.5	31.5	28.0	27.0
50.0	69.0	63.0	48.5	45.0	43.0	42.5	2500	42.5	41.5	34.0	29.5	26.0	24.5
63.0	63.5	58.5	46.5	43.5	42.0	41.0	3150	41.5	40.5	33.0	27.0	23.0	21.0
80.0	60.0	55.0	46.5	42.0	40.5	39.5	4000	40.5	39.5	30.5	24.0	19.0	17.5
100	56.5	54.0	46.5	42.0	40.5	40.0	5000	39.0	38.0	27.0	20.5	16.5	15.5
125	55.5	54.5	47.0	42.5	40.5	40.0	6300	36.5	35.5	25.0	19.0	15.5	0.0
160	56.0	55.0	47.0	43.0	41.0	40.0	8000	36.0	34.0	23.5	17.5	0.0	0.0
200	56.0	54.5	47.5	43.0	41.5	40.5	10000	33.5	31.0	21.0	15.5	0.0	0.0
250	55.0	54.5	48.0	43.5	41.5	41.0	12500	28.0	26.5	17.0	0.0	0.0	0.0
315	55.0	54.5	48.0	43.5	41.5	41.0	16000	22.0	20.0	0.0	0.0	0.0	0.0
400	55.5	53.5	47.0	43.0	41.0	40.0	20000	15.5	0.0	0.0	0.0	0.0	0.0
500	53.5	53.0	45.5	41.5	39.0	38.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WDN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WDN1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 00:06:40

Ln Start Level: 15 dB

L0.10	45.6 dBA	L50.00	29.9 dBA	L99.00	27.6 dBA
L1.00	43.0 dBA	L90.00	28.3 dBA	L99.90	27.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1205

Current Any Data
Start Time: 23-Feb-2001 00:06:40
Elapsed Time: 00:20:03.2

	A Weight		C Weight		Flat	
Leq:	33.2 dBA		45.7 dBC		50.0 dBF	
SEL:	64.0 dBA		76.5 dBC		80.8 dBF	
Peak:	96.8 dBA		98.2 dBC		99.4 dBF	
	23-Feb-2001	00:06:41	23-Feb-2001	00:06:41	23-Feb-2001	00:06:41
Lmax (slow):	46.4 dBA		61.4 dBC		66.5 dBF	
	23-Feb-2001	00:16:30	23-Feb-2001	00:23:00	23-Feb-2001	00:22:57
Lmin (slow):	27.2 dBA		35.2 dBC		37.6 dBF	
	23-Feb-2001	00:16:11	23-Feb-2001	00:16:06	23-Feb-2001	00:18:43
Lmax (fast):	53.3 dBA		66.1 dBC		69.5 dBF	
	23-Feb-2001	00:16:30	23-Feb-2001	00:22:59	23-Feb-2001	00:22:59
Lmin (fast):	26.6 dBA		34.0 dBC		35.9 dBF	
	23-Feb-2001	00:15:34	23-Feb-2001	00:16:05	23-Feb-2001	00:16:00
Lmax (impulse):	57.3 dBA		68.8 dBC		72.5 dBF	
	23-Feb-2001	00:09:44	23-Feb-2001	00:22:59	23-Feb-2001	00:22:59
Lmin (impulse):	27.2 dBA		35.6 dBC		38.3 dBF	
	23-Feb-2001	00:16:10	23-Feb-2001	00:16:06	23-Feb-2001	00:15:14

Spectra

Date	Time	Run Time
23-Feb-2001	00:06:40	00:20:03.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	46.3		36.2		27.7		630	26.8		37.6		20.2	
16.0	48.0	50.8	36.6	42.3	27.5	32.2	800	25.1		35.6		18.7	
20.0	41.6		39.1		27.0		1000	22.6	27.8	38.6	41.6	16.3	21.4
25.0	41.7		29.4		25.1		1250	20.0		35.5		13.5	
31.5	37.7	43.7	28.3	35.2	22.2	28.4	1600	18.1		34.0		10.0	
40.0	34.2		32.4		22.9		2000	15.4	21.1	32.5	38.5	6.3	12.3
50.0	32.5		33.1		21.5		2500	14.5		34.4		4.1	
63.0	32.3	36.7	36.3	39.1	19.5	24.7	3150	13.9		33.5		4.0	
80.0	30.7		32.8		18.0		4000	14.0	18.8	32.4	37.9	4.9	9.9
100	31.7		31.6		19.8		5000	14.1		33.5		6.1	
125	29.1	34.9	27.0	33.8	17.7	23.6	6300	13.6		33.1		7.7	
160	29.2		26.7		18.7		8000	14.8	19.1	34.3	37.9	9.4	13.9
200	30.1		31.1		20.6		10000	14.6		31.4		9.9	
250	29.9	34.4	31.1	35.3	22.2	26.8	12500	13.4		27.2		8.9	
315	28.6		29.1		23.0		16000	11.4	16.3	20.7	28.2	6.6	11.8
400	27.8		33.5		22.5		20000	8.7		12.6		4.3	
500	27.3	32.1	34.2	40.3	21.4	26.2							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	62.0	59.5	35.0	31.5	29.0	0.0	630	41.0	37.0	22.5	21.0	20.5	20.0
16.0	66.0	62.5	34.0	31.0	29.0	0.0	800	37.5	35.5	21.0	19.5	19.0	18.5
20.0	58.0	55.0	33.5	30.0	28.0	0.0	1000	36.0	33.0	18.5	17.0	16.5	16.0
25.0	59.5	55.5	31.5	28.0	26.5	0.0	1250	33.0	30.0	16.0	0.0	0.0	0.0
31.5	54.5	49.5	30.0	27.5	26.0	0.0	1600	34.0	28.5	0.0	0.0	0.0	0.0
40.0	50.0	45.5	27.5	25.0	23.5	0.0	2000	32.0	25.5	0.0	0.0	0.0	0.0
50.0	51.0	44.0	25.5	23.5	22.0	21.5	2500	32.0	25.0	0.0	0.0	0.0	0.0
63.0	49.0	43.5	26.0	23.0	21.5	19.5	3150	32.5	25.0	0.0	0.0	0.0	0.0
80.0	48.5	41.5	24.5	21.0	19.5	18.0	4000	30.5	26.0	0.0	0.0	0.0	0.0
100	50.0	44.0	26.5	22.5	20.5	20.0	5000	30.5	25.5	0.0	0.0	0.0	0.0
125	50.0	43.0	21.5	19.5	18.5	18.0	6300	30.5	22.5	0.0	0.0	0.0	0.0
160	45.5	43.0	23.0	20.5	19.5	19.0	8000	31.5	23.0	0.0	0.0	0.0	0.0
200	47.0	43.5	24.5	22.0	21.0	20.5	10000	28.0	20.0	0.0	0.0	0.0	0.0
250	47.0	42.5	25.5	23.5	23.0	22.0	12500	25.5	19.0	0.0	0.0	0.0	0.0
315	43.5	36.5	26.0	24.5	23.5	23.0	16000	22.0	17.0	0.0	0.0	0.0	0.0
400	38.0	36.5	26.0	24.0	23.0	22.5	20000	15.0	0.0	0.0	0.0	0.0	0.0
500	42.0	37.5	24.0	22.5	21.5	21.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WDN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WDN2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 23:27:56

Ln Start Level: 15 dB

L0.10	54.5 dBA	L50.00	35.4 dBA	L99.00	31.3 dBA
L1.00	48.3 dBA	L90.00	32.7 dBA	L99.90	31.1 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1207

Current Any Data
Start Time: 26-Feb-2001 23:27:56
Elapsed Time: 00:20:05.2

	A Weight		C Weight		Flat	
Leq:	37.6 dBA		49.5 dBC		56.0 dBF	
SEL:	68.4 dBA		80.3 dBC		86.8 dBF	
Peak:	96.9 dBA		97.6 dBC		98.6 dBF	
	26-Feb-2001	23:27:57	26-Feb-2001	23:27:57	26-Feb-2001	23:27:57
Lmax (slow):	54.7 dBA		69.8 dBC		77.0 dBF	
	26-Feb-2001	23:35:14	26-Feb-2001	23:40:59	26-Feb-2001	23:40:59
Lmin (slow):	31.0 dBA		39.3 dBC		41.8 dBF	
	26-Feb-2001	23:46:42	26-Feb-2001	23:46:55	26-Feb-2001	23:46:45
Lmax (fast):	62.4 dBA		74.0 dBC		81.8 dBF	
	26-Feb-2001	23:35:14	26-Feb-2001	23:40:59	26-Feb-2001	23:40:59
Lmin (fast):	30.6 dBA		38.0 dBC		39.5 dBF	
	26-Feb-2001	23:46:41	26-Feb-2001	23:46:55	26-Feb-2001	23:46:46
Lmax (impulse):	66.5 dBA		75.5 dBC		84.5 dBF	
	26-Feb-2001	23:35:14	26-Feb-2001	23:40:59	26-Feb-2001	23:40:59
Lmin (impulse):	30.9 dBA		40.2 dBC		43.0 dBF	
	26-Feb-2001	23:47:34	26-Feb-2001	23:46:55	26-Feb-2001	23:46:55

Spectra

Date	Time	Run Time
26-Feb-2001	23:27:56	00:20:05.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	50.8		42.4		32.7		630	29.3		44.7		23.8	
16.0	49.1	53.8	41.2	45.9	33.3	37.7	800	28.9		44.7		23.4	
20.0	46.1		39.4		32.7		1000	28.9	33.2	46.9	50.6	21.9	26.8
25.0	43.7		39.8		31.9		1250	27.2		45.6		20.0	
31.5	40.6	46.2	39.0	43.9	31.3	35.5	1600	26.1		46.2		17.4	
40.0	38.2		38.4		28.3		2000	25.1	29.5	44.0	48.9	13.6	19.4
50.0	35.6		35.9		26.5		2500	21.9		40.0		9.4	
63.0	33.1	38.5	34.5	39.5	23.8	29.7	3150	20.8		41.7		6.7	
80.0	31.4		33.6		23.9		4000	19.8	24.7	38.4	44.3	6.4	11.4
100	31.7		34.1		23.5		5000	19.0		37.0		6.9	
125	32.5	36.8	35.0	38.8	24.3	28.7	6300	17.4		37.1		7.8	
160	31.9		32.5		24.0		8000	17.7	21.6	38.9	42.0	8.7	13.2
200	32.1		33.8		24.2		10000	15.0		34.7		8.8	
250	32.3	36.9	34.7	39.9	24.9	29.5	12500	11.1		28.2		7.3	
315	31.9		36.5		25.1		16000	6.7	13.1	19.8	28.8	5.0	10.3
400	30.6		37.6		24.4		20000	4.2		10.4		3.4	
500	29.5	34.6	40.8	46.7	23.8	28.8							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	67.0	61.5	43.0	37.5	35.0	0.0	630	43.0	37.5	27.5	25.5	24.5	24.0
16.0	69.0	60.0	40.5	37.0	35.0	0.0	800	43.0	39.5	26.5	24.5	23.5	23.5
20.0	64.5	57.0	39.5	36.5	34.0	0.0	1000	46.0	40.0	25.0	23.0	22.0	22.0
25.0	63.5	53.5	38.5	35.5	33.0	0.0	1250	44.0	38.0	24.0	21.5	20.5	20.0
31.5	57.5	49.5	38.0	35.0	32.5	0.0	1600	44.5	37.5	22.0	19.5	17.5	17.5
40.0	53.0	46.0	36.0	33.5	30.0	0.0	2000	43.5	37.5	20.5	16.0	0.0	0.0
50.0	48.5	42.5	34.0	31.0	27.5	26.5	2500	39.5	34.0	17.5	0.0	0.0	0.0
63.0	45.5	40.0	31.5	28.5	25.5	24.0	3150	40.0	34.0	0.0	0.0	0.0	0.0
80.0	41.0	37.0	30.0	27.0	24.5	24.0	4000	39.5	33.5	0.0	0.0	0.0	0.0
100	40.0	37.0	30.5	27.0	24.5	23.5	5000	38.0	33.0	0.0	0.0	0.0	0.0
125	42.0	38.5	31.0	27.5	25.0	24.0	6300	36.0	31.0	0.0	0.0	0.0	0.0
160	38.5	37.0	31.0	27.5	24.5	24.0	8000	36.5	30.5	0.0	0.0	0.0	0.0
200	40.0	37.0	31.5	28.0	24.5	24.0	10000	32.5	27.0	0.0	0.0	0.0	0.0
250	41.0	37.0	31.5	28.5	25.5	25.0	12500	27.0	21.5	0.0	0.0	0.0	0.0
315	37.0	36.0	31.0	28.0	26.0	25.0	16000	18.5	0.0	0.0	0.0	0.0	0.0
400	36.5	35.0	30.0	27.0	25.0	24.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	39.0	35.5	28.5	26.0	24.5	24.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WED1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WED1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 08:36:44

Ln Start Level: 15 dB

L0.10	60.4 dBA	L50.00	42.7 dBA	L99.00	33.6 dBA
L1.00	53.7 dBA	L90.00	37.2 dBA	L99.90	32.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1205

Current Any Data
Start Time: 24-Feb-2001 08:36:44
Elapsed Time: 00:20:01.5

	A Weight		C Weight		Flat	
Leq:	45.2 dBA		52.1 dBC		54.5 dBF	
SEL:	76.0 dBA		82.9 dBC		85.3 dBF	
Peak:	96.5 dBA		99.2 dBC		101.3 dBF	
	24-Feb-2001	08:36:44	24-Feb-2001	08:36:44	24-Feb-2001	08:36:44
Lmax (slow):	60.5 dBA		65.6 dBC		66.5 dBF	
	24-Feb-2001	08:44:40	24-Feb-2001	08:44:43	24-Feb-2001	08:44:43
Lmin (slow):	31.9 dBA		43.7 dBC		46.6 dBF	
	24-Feb-2001	08:45:50	24-Feb-2001	08:57:11	24-Feb-2001	08:57:03
Lmax (fast):	62.5 dBA		67.4 dBC		69.4 dBF	
	24-Feb-2001	08:44:39	24-Feb-2001	08:44:40	24-Feb-2001	08:42:01
Lmin (fast):	31.4 dBA		42.3 dBC		44.8 dBF	
	24-Feb-2001	08:45:49	24-Feb-2001	08:57:09	24-Feb-2001	08:56:59
Lmax (impulse):	65.5 dBA		69.4 dBC		72.3 dBF	
	24-Feb-2001	08:48:54	24-Feb-2001	08:53:11	24-Feb-2001	08:42:01
Lmin (impulse):	32.0 dBA		44.7 dBC		47.9 dBF	
	24-Feb-2001	08:45:49	24-Feb-2001	08:56:58	24-Feb-2001	08:57:02

Spectra

Date	Time	Run Time
24-Feb-2001	08:36:44	00:20:01.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	47.2		45.7		35.5		630	39.1		52.6		23.7	
16.0	46.6	51.3	44.2	49.9	37.8	41.5	800	39.4		54.2		23.2	
20.0	45.6		45.4		36.6		1000	37.2	42.1	53.3	57.9	20.4	25.7
25.0	43.9		52.8		26.7		1250	33.7		51.3		17.0	
31.5	43.6	47.7	55.1	58.0	34.2	35.9	1600	30.0		49.6		13.4	
40.0	40.7		50.6		29.1		2000	26.7	32.4	47.5	52.6	9.3	15.5
50.0	41.0		48.5		28.5		2500	24.5		45.2		6.9	
63.0	40.8	45.0	53.6	56.2	27.0	32.3	3150	22.5		43.1		6.2	
80.0	38.3		50.7		26.9		4000	20.9	26.0	41.2	46.3	6.7	11.5
100	39.4		47.1		27.9		5000	19.9		39.4		7.1	
125	38.6	43.4	55.0	57.5	27.5	32.6	6300	18.1		37.2		8.1	
160	37.7		52.8		28.2		8000	17.6	21.9	35.8	40.5	9.0	13.5
200	37.8		50.7		28.3		10000	15.3		33.5		9.1	
250	38.8	43.5	48.6	53.9	28.6	33.1	12500	12.6		28.9		7.2	
315	39.5		47.6		28.1		16000	8.3	14.4	22.6	29.9	4.9	10.2
400	39.2		50.1		26.5		20000	4.3		14.7		3.2	
500	38.8	43.8	51.0	56.1	25.3	30.1							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	57.0	55.0	45.0	41.5	39.0	0.0	630	52.0	47.0	36.0	29.5	25.0	24.0
16.0	59.0	55.5	44.0	41.0	38.5	0.0	800	54.0	48.0	36.5	29.0	24.5	23.0
20.0	56.0	54.5	43.5	40.0	38.0	0.0	1000	52.5	45.5	34.5	27.0	21.5	20.5
25.0	54.5	51.0	42.0	39.0	36.5	0.0	1250	50.5	40.5	31.0	24.5	19.5	17.5
31.5	57.0	52.0	41.0	38.0	36.0	0.0	1600	48.5	36.5	26.0	20.0	15.0	0.0
40.0	54.0	48.5	38.5	36.0	33.0	0.0	2000	46.5	37.5	21.0	0.0	0.0	0.0
50.0	59.0	52.5	35.5	31.5	29.5	0.0	2500	44.5	37.5	16.0	0.0	0.0	0.0
63.0	58.0	53.5	34.5	31.0	28.5	0.0	3150	42.5	35.5	0.0	0.0	0.0	0.0
80.0	52.5	49.0	34.5	30.5	28.0	0.0	4000	40.5	34.5	0.0	0.0	0.0	0.0
100	52.5	48.0	35.5	31.0	28.5	28.0	5000	38.5	33.0	0.0	0.0	0.0	0.0
125	58.0	45.5	34.0	30.5	28.5	27.5	6300	36.5	30.5	0.0	0.0	0.0	0.0
160	51.5	45.0	35.0	31.5	29.0	28.0	8000	37.5	28.0	0.0	0.0	0.0	0.0
200	51.0	47.0	35.0	31.5	29.5	28.0	10000	33.5	24.5	0.0	0.0	0.0	0.0
250	54.0	48.5	36.0	32.5	30.0	28.5	12500	32.5	21.5	0.0	0.0	0.0	0.0
315	54.5	47.5	36.5	32.5	30.0	28.0	16000	25.5	18.5	0.0	0.0	0.0	0.0
400	53.0	49.5	36.0	31.5	29.0	26.5	20000	15.0	0.0	0.0	0.0	0.0	0.0
500	51.0	47.5	35.5	30.0	26.0	25.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WED2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WED2
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 11:19:02

Ln Start Level: 15 dB

L0.10	56.7 dBA	L50.00	41.8 dBA	L99.00	30.4 dBA
L1.00	54.7 dBA	L90.00	35.1 dBA	L99.90	29.3 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 24-Feb-2001 11:19:02
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	44.6 dBA		51.9 dBC		55.4 dBF	
SEL:	75.5 dBA		82.7 dBC		86.2 dBF	
Peak:	96.8 dBA		99.5 dBC		101.0 dBF	
	24-Feb-2001	11:19:02	24-Feb-2001	11:19:02	24-Feb-2001	11:19:02
Lmax (slow):	57.0 dBA		66.4 dBC		70.1 dBF	
	24-Feb-2001	11:22:51	24-Feb-2001	11:23:50	24-Feb-2001	11:23:50
Lmin (slow):	28.9 dBA		40.3 dBC		43.5 dBF	
	24-Feb-2001	11:26:55	24-Feb-2001	11:38:47	24-Feb-2001	11:35:21
Lmax (fast):	61.1 dBA		69.5 dBC		73.6 dBF	
	24-Feb-2001	11:22:41	24-Feb-2001	11:23:50	24-Feb-2001	11:23:50
Lmin (fast):	27.9 dBA		39.2 dBC		41.9 dBF	
	24-Feb-2001	11:26:55	24-Feb-2001	11:38:47	24-Feb-2001	11:35:39
Lmax (impulse):	63.3 dBA		70.7 dBC		75.1 dBF	
	24-Feb-2001	11:22:41	24-Feb-2001	11:23:50	24-Feb-2001	11:23:50
Lmin (impulse):	28.6 dBA		41.1 dBC		43.7 dBF	
	24-Feb-2001	11:26:55	24-Feb-2001	11:38:47	24-Feb-2001	11:35:21

Spectra

Date	Time	Run Time
24-Feb-2001	11:19:02	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	49.4		46.2		35.8		630	38.2		44.2		21.7	
16.0	48.1	53.4	45.4	50.8	35.3	39.9	800	38.8		52.7		20.3	
20.0	48.3		46.4		34.3		1000	37.3	41.9	48.8	55.2	18.4	23.2
25.0	47.6		49.5		33.9		1250	34.3		48.2		15.4	
31.5	44.8	49.9	45.8	52.7	31.6	36.7	1600	30.8		50.7		12.4	
40.0	40.1		47.6		29.1		2000	23.2	31.8	33.8	50.8	9.0	14.9
50.0	35.0		35.2		26.2		2500	20.1		31.8		7.6	
63.0	33.0	38.9	30.3	40.5	23.9	29.3	3150	17.8		24.6		6.1	
80.0	34.3		38.4		22.8		4000	16.6	21.5	18.8	26.1	6.4	11.2
100	36.7		32.3		23.3		5000	15.5		16.2		6.8	
125	37.0	41.4	36.1	44.7	22.3	27.5	6300	13.7		11.9		7.6	
160	36.3		43.8		22.6		8000	13.8	18.1	11.0	15.7	8.5	13.0
200	36.7		37.1		23.6		10000	12.5		9.6		8.6	
250	38.4	42.5	45.7	48.0	24.5	29.0	12500	9.6		7.6		7.1	
315	37.9		43.2		24.4		16000	6.5	12.1	5.4	10.7	5.0	10.2
400	37.3		42.9		23.0		20000	4.2		4.0		3.4	
500	38.9	43.0	42.9	48.1	22.7	27.3							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	63.0	60.0	44.0	40.0	37.5	0.0	630	50.0	46.5	35.5	27.5	23.0	21.5
16.0	59.5	58.0	43.5	39.5	37.5	0.0	800	52.0	49.0	35.5	27.5	22.0	20.0
20.0	65.5	60.0	42.0	38.5	36.0	0.0	1000	51.5	48.5	33.5	25.5	20.0	18.5
25.0	64.5	60.5	41.5	37.5	35.0	0.0	1250	51.0	47.5	29.5	22.5	17.0	15.5
31.5	61.5	55.5	39.5	36.0	33.0	0.0	1600	49.5	43.5	25.0	19.0	0.0	0.0
40.0	52.0	48.5	37.5	33.0	30.5	0.0	2000	38.0	32.0	20.5	0.0	0.0	0.0
50.0	45.5	43.5	33.0	29.5	27.0	26.0	2500	35.0	30.5	16.5	0.0	0.0	0.0
63.0	44.0	40.5	31.0	27.0	25.0	24.0	3150	35.5	28.5	0.0	0.0	0.0	0.0
80.0	46.0	43.5	31.5	26.5	23.5	23.0	4000	34.5	29.0	0.0	0.0	0.0	0.0
100	51.0	48.0	32.5	27.5	24.5	23.5	5000	32.5	27.5	0.0	0.0	0.0	0.0
125	49.0	47.0	32.5	26.0	23.0	22.0	6300	28.5	23.5	0.0	0.0	0.0	0.0
160	48.5	45.5	32.5	27.0	24.0	22.5	8000	29.5	22.0	0.0	0.0	0.0	0.0
200	49.5	46.0	34.0	28.5	25.0	23.5	10000	26.0	20.0	0.0	0.0	0.0	0.0
250	50.5	47.5	35.0	29.5	26.5	24.5	12500	20.5	16.0	0.0	0.0	0.0	0.0
315	50.0	47.0	35.0	29.5	26.0	25.0	16000	17.5	0.0	0.0	0.0	0.0	0.0
400	50.0	47.0	34.5	29.0	25.0	23.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	52.5	50.5	35.0	28.5	24.0	23.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WEN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WEN1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 22:32:39

Ln Start Level: 15 dB

L0.10	57.1 dBA	L50.00	35.1 dBA	L99.00	27.9 dBA
L1.00	53.3 dBA	L90.00	28.9 dBA	L99.90	27.4 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 24-Feb-2001 22:32:39
Elapsed Time: 00:20:01.0

	A Weight		C Weight		Flat	
Leq:	40.9 dBA		47.6 dBC		50.7 dBF	
SEL:	71.7 dBA		78.4 dBC		81.5 dBF	
Peak:	96.5 dBA		97.5 dBC		97.8 dBF	
	24-Feb-2001	22:32:39	24-Feb-2001	22:32:39	24-Feb-2001	22:32:39
Lmax (slow):	57.3 dBA		63.6 dBC		66.3 dBF	
	24-Feb-2001	22:48:37	24-Feb-2001	22:48:37	24-Feb-2001	22:52:33
Lmin (slow):	27.3 dBA		36.2 dBC		38.2 dBF	
	24-Feb-2001	22:41:07	24-Feb-2001	22:40:59	24-Feb-2001	22:40:59
Lmax (fast):	58.8 dBA		64.9 dBC		70.3 dBF	
	24-Feb-2001	22:48:41	24-Feb-2001	22:48:36	24-Feb-2001	22:52:33
Lmin (fast):	26.8 dBA		34.7 dBC		36.6 dBF	
	24-Feb-2001	22:32:40	24-Feb-2001	22:40:57	24-Feb-2001	22:40:57
Lmax (impulse):	60.7 dBA		67.1 dBC		72.8 dBF	
	24-Feb-2001	22:42:54	24-Feb-2001	22:35:06	24-Feb-2001	22:51:56
Lmin (impulse):	27.1 dBA		36.5 dBC		39.0 dBF	
	24-Feb-2001	22:32:40	24-Feb-2001	22:40:57	24-Feb-2001	22:40:57

Spectra

Date	Time	Run Time
24-Feb-2001	22:32:39	00:20:01.0

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	44.2		44.6		21.6		630	33.0		49.5		19.9	
16.0	42.6	47.4	43.2	49.9	27.4	30.8	800	34.1		49.8		19.4	
20.0	40.0		46.8		27.1		1000	32.9	37.4	46.8	52.3	17.7	22.6
25.0	39.1		50.4		26.3		1250	29.8		44.3		15.5	
31.5	37.1	42.1	45.8	52.4	27.6	31.2	1600	26.2		41.8		12.0	
40.0	34.5		44.1		24.9		2000	22.1	28.0	38.6	43.7	8.5	14.2
50.0	33.0		46.9		21.8		2500	17.1		30.4		5.4	
63.0	31.6	36.9	37.9	50.1	23.1	27.0	3150	14.4		20.8		4.7	
80.0	31.7		46.7		21.5		4000	14.3	18.9	13.4	21.8	5.5	10.5
100	31.9		46.5		21.3		5000	13.8		8.9		6.8	
125	33.8	38.0	51.2	54.8	18.7	25.0	6300	14.2		9.4		8.2	
160	33.6		51.0		20.2		8000	15.1	19.5	10.2	14.8	9.3	13.8
200	36.4		54.6		19.7		10000	14.9		10.5		9.6	
250	36.6	41.5	55.4	59.1	20.7	24.8	12500	13.6		8.9		8.1	
315	37.1		52.5		19.7		16000	11.3	16.4	7.2	12.0	5.7	11.0
400	36.5		52.5		12.9		20000	8.3		4.5		3.8	
500	34.6	39.7	52.6	56.5	18.0	22.6							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	62.5	58.5	36.5	33.0	30.5	0.0	630	49.0	42.5	28.0	21.5	20.5	20.0
16.0	59.0	57.0	36.0	32.5	30.0	0.0	800	49.5	42.5	28.0	21.0	20.0	19.5
20.0	55.5	52.5	36.0	31.5	29.0	0.0	1000	47.5	41.5	27.0	19.5	18.0	17.5
25.0	55.5	51.0	35.0	31.0	28.5	0.0	1250	46.5	39.0	24.5	17.0	16.0	15.5
31.5	50.0	47.5	34.0	30.0	28.0	0.0	1600	44.0	37.0	20.0	0.0	0.0	0.0
40.0	46.5	44.5	31.5	27.5	26.0	0.0	2000	40.5	35.0	0.0	0.0	0.0	0.0
50.0	48.5	44.5	28.0	25.5	23.5	22.0	2500	34.5	29.5	0.0	0.0	0.0	0.0
63.0	44.0	39.5	29.0	26.0	24.0	23.0	3150	33.0	25.0	0.0	0.0	0.0	0.0
80.0	46.0	42.0	28.0	24.5	23.0	21.5	4000	32.5	25.5	0.0	0.0	0.0	0.0
100	47.0	43.5	27.0	24.0	22.5	21.5	5000	30.5	24.0	0.0	0.0	0.0	0.0
125	52.0	47.5	26.0	23.0	21.0	19.5	6300	28.5	23.0	0.0	0.0	0.0	0.0
160	51.0	47.5	25.5	23.0	21.5	20.0	8000	28.0	22.5	0.0	0.0	0.0	0.0
200	54.0	50.5	26.5	23.0	21.0	20.0	10000	24.5	21.0	0.0	0.0	0.0	0.0
250	55.5	50.5	27.5	24.0	21.5	20.5	12500	21.5	19.0	0.0	0.0	0.0	0.0
315	54.5	51.5	27.5	23.0	21.0	20.5	16000	19.0	17.0	0.0	0.0	0.0	0.0
400	53.0	51.5	27.5	23.0	21.0	20.5	20000	15.0	0.0	0.0	0.0	0.0	0.0
500	51.5	48.0	28.0	22.0	21.0	20.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML2-WEN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML2-WEN2
Note1:
Note2:

Overall Measurement
Start Time: 25-Feb-2001 01:05:26

Ln Start Level: 15 dB

L0.10	49.4 dBA	L50.00	30.6 dBA	L99.00	27.9 dBA
L1.00	47.0 dBA	L90.00	28.4 dBA	L99.90	27.7 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 25-Feb-2001 01:05:26
Elapsed Time: 00:20:01.2

	A Weight		C Weight		Flat	
Leq:	35.6 dBA		42.5 dBC		45.4 dBF	
SEL:	66.4 dBA		73.3 dBC		76.2 dBF	
Peak:	96.7 dBA		96.9 dBC		97.0 dBF	
	25-Feb-2001	01:05:26	25-Feb-2001	01:05:26	25-Feb-2001	01:05:26
Lmax (slow):	49.6 dBA		52.2 dBC		59.2 dBF	
	25-Feb-2001	01:15:17	25-Feb-2001	01:20:43	25-Feb-2001	01:20:43
Lmin (slow):	27.7 dBA		37.0 dBC		39.5 dBF	
	25-Feb-2001	01:08:36	25-Feb-2001	01:06:30	25-Feb-2001	01:06:30
Lmax (fast):	57.5 dBA		57.0 dBC		64.4 dBF	
	25-Feb-2001	01:15:17	25-Feb-2001	01:15:17	25-Feb-2001	01:20:42
Lmin (fast):	27.0 dBA		35.8 dBC		38.0 dBF	
	25-Feb-2001	01:07:56	25-Feb-2001	01:06:29	25-Feb-2001	01:09:31
Lmax (impulse):	61.6 dBA		61.1 dBC		67.6 dBF	
	25-Feb-2001	01:15:17	25-Feb-2001	01:15:17	25-Feb-2001	01:20:42
Lmin (impulse):	27.5 dBA		37.5 dBC		41.1 dBF	
	25-Feb-2001	01:08:36	25-Feb-2001	01:06:38	25-Feb-2001	01:06:41

Spectra

Date	Time	Run Time
25-Feb-2001	01:05:26	00:20:01.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	38.5		35.9		30.7		630	29.0		35.4		20.4	
16.0	37.4	42.3	36.0	40.7	29.1	34.4	800	30.5		41.8		19.3	
20.0	36.4		36.0		28.9		1000	28.2	33.3	41.0	45.6	17.6	22.6
25.0	36.2		35.9		30.2		1250	25.4		39.5		15.8	
31.5	35.0	40.0	33.8	39.2	29.4	33.3	1600	21.8		41.4		12.5	
40.0	34.3		33.0		23.1		2000	17.1	23.6	38.0	43.8	8.5	14.5
50.0	30.7		30.7		25.5		2500	13.8		36.1		5.3	
63.0	28.8	34.0	30.2	34.4	22.9	28.3	3150	12.2		36.3		4.1	
80.0	27.5		27.5		21.1		4000	12.6	16.8	38.4	41.6	4.6	9.7
100	30.8		30.6		22.2		5000	11.3		35.3		5.8	
125	27.6	33.5	28.6	33.9	19.4	25.3	6300	10.2		30.8		7.1	
160	26.8		27.6		19.3		8000	10.6	15.0	30.5	34.4	8.2	12.7
200	26.9		26.8		20.7		10000	9.9		26.5		8.4	
250	27.6	32.3	27.4	34.1	20.9	25.7	12500	7.9		21.9		7.0	
315	27.9		31.9		21.3		16000	5.5	10.9	14.9	22.8	4.9	10.1
400	27.5		29.2		21.2		20000	3.9		6.9		3.4	
500	28.4	33.1	34.7	38.6	20.9	25.6							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.90	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.90	L99.90
12.5	55.5	45.5	36.5	34.0	31.5	0.0	630	43.0	40.5	22.5	21.0	20.5	20.5
16.0	49.5	45.5	35.5	32.5	30.5	0.0	800	45.5	43.0	22.0	20.0	19.5	19.0
20.0	46.0	43.5	35.0	32.5	31.0	0.0	1000	41.5	39.5	20.5	18.5	18.0	17.5
25.0	44.0	42.5	34.5	32.5	31.5	0.0	1250	39.0	36.0	19.5	16.5	16.0	15.5
31.5	44.0	41.0	34.0	31.5	30.5	0.0	1600	38.5	31.5	16.0	0.0	0.0	0.0
40.0	47.5	46.0	32.0	30.5	29.0	0.0	2000	34.5	26.5	0.0	0.0	0.0	0.0
50.0	36.5	35.0	30.0	27.5	26.5	25.5	2500	33.0	24.5	0.0	0.0	0.0	0.0
63.0	37.0	33.5	28.5	25.0	23.5	23.0	3150	33.5	22.5	0.0	0.0	0.0	0.0
80.0	34.5	32.5	27.0	23.0	22.0	21.0	4000	35.0	21.5	0.0	0.0	0.0	0.0
100	39.5	38.0	28.5	24.5	23.5	22.5	5000	32.5	21.0	0.0	0.0	0.0	0.0
125	37.0	34.5	27.0	21.0	20.0	19.5	6300	28.0	18.5	0.0	0.0	0.0	0.0
160	35.0	30.5	26.5	21.0	20.0	19.5	8000	27.5	18.5	0.0	0.0	0.0	0.0
200	31.5	30.5	26.5	22.0	21.0	20.5	10000	24.5	16.5	0.0	0.0	0.0	0.0
250	34.5	32.0	27.0	22.5	21.5	21.0	12500	18.5	0.0	0.0	0.0	0.0	0.0
315	34.0	33.0	27.0	23.0	22.0	21.5	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	36.5	35.0	25.5	22.5	21.5	21.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	40.5	38.5	24.0	21.5	21.0	21.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WDD1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WDD1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 11:06:42

Ln Start Level: 15 dB

L0.10	54.9 dBA	L50.00	37.1 dBA	L99.00	35.2 dBA
L1.00	47.8 dBA	L90.00	35.9 dBA	L99.90	35.0 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1215

Current Any Data
Start Time: 23-Feb-2001 11:06:42
Elapsed Time: 00:20:13.5

	A Weight		C Weight		Flat	
Leq:	39.0 dBA		56.4 dBC		62.7 dBF	
SEL:	69.9 dBA		87.2 dBC		93.6 dBF	
Peak:	96.5 dBA		96.7 dBC		96.8 dBF	
	23-Feb-2001	11:06:42	23-Feb-2001	11:06:42	23-Feb-2001	11:06:42
Lmax (slow):	55.0 dBA		73.3 dBC		80.1 dBF	
	23-Feb-2001	11:26:49	23-Feb-2001	11:22:59	23-Feb-2001	11:22:59
Lmin (slow):	35.0 dBA		41.7 dBC		44.1 dBF	
	23-Feb-2001	11:18:07	23-Feb-2001	11:20:19	23-Feb-2001	11:07:51
Lmax (fast):	57.8 dBA		78.7 dBC		85.9 dBF	
	23-Feb-2001	11:17:10	23-Feb-2001	11:22:59	23-Feb-2001	11:22:59
Lmin (fast):	34.7 dBA		40.4 dBC		42.1 dBF	
	23-Feb-2001	11:17:14	23-Feb-2001	11:18:09	23-Feb-2001	11:07:55
Lmax (impulse):	61.6 dBA		81.4 dBC		88.3 dBF	
	23-Feb-2001	11:17:09	23-Feb-2001	11:22:58	23-Feb-2001	11:22:59
Lmin (impulse):	34.8 dBA		42.1 dBC		44.8 dBF	
	23-Feb-2001	11:18:07	23-Feb-2001	11:06:43	23-Feb-2001	11:06:43

Spectra

Date	Time	Run Time
23-Feb-2001	11:06:42	00:20:13.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	59.3		53.2		35.6		630	29.9		39.8		25.7	
16.0	56.2	61.8	51.1	56.1	33.5	38.7	800	29.7		35.3		25.6	
20.0	53.8		48.4		32.0		1000	28.7	33.5	30.3	36.9	25.1	29.9
25.0	51.0		43.5		29.1		1250	27.5		26.5		24.7	
31.5	48.4	53.7	50.1	52.6	29.4	33.6	1600	26.5		25.7		24.3	
40.0	45.8		47.6		27.8		2000	25.4	30.2	24.2	29.3	23.1	28.0
50.0	42.3		39.5		28.4		2500	24.1		23.5		21.8	
63.0	41.5	45.8	38.3	43.8	23.4	31.8	3150	23.3		21.7		20.5	
80.0	38.3		39.2		27.8		4000	21.2	26.3	19.7	24.9	18.1	23.4
100	40.9		64.1		22.4		5000	19.0		18.3		16.4	
125	34.2	42.4	46.3	64.3	19.6	26.2	6300	17.5		16.9		14.6	
160	33.8		46.8		21.9		8000	16.5	21.1	15.7	20.5	13.4	18.2
200	37.8		58.2		22.5		10000	14.4		14.1		11.9	
250	33.4	40.6	47.0	60.5	24.8	28.9	12500	11.6		11.1		9.0	
315	35.0		56.1		24.8		16000	8.9	14.4	8.1	13.7	6.6	12.0
400	33.5		53.2		24.9		20000	7.3		6.4		5.4	
500	31.8	36.7	45.0	54.0	25.0	30.0							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	77.5	71.5	47.0	39.5	37.0	0.0	630	40.0	36.5	28.5	27.0	26.0	25.5
16.0	73.0	68.5	44.0	38.0	35.5	0.0	800	40.5	36.0	28.0	26.5	26.0	25.5
20.0	70.0	66.5	41.5	36.5	34.0	0.0	1000	41.5	35.5	27.5	26.0	25.5	25.0
25.0	68.5	63.5	39.5	35.0	33.0	0.0	1250	39.5	34.0	26.0	25.5	25.0	24.5
31.5	65.0	62.0	38.0	33.0	30.5	0.0	1600	37.0	32.5	25.5	24.5	24.5	24.0
40.0	63.5	59.5	36.5	31.5	30.0	0.0	2000	38.5	32.5	24.0	23.5	23.0	23.0
50.0	58.0	53.5	36.0	31.5	29.5	28.5	2500	35.5	30.5	23.0	22.0	22.0	21.5
63.0	60.0	53.5	34.5	31.0	29.5	26.5	3150	34.0	29.5	21.5	20.5	20.5	20.5
80.0	55.5	49.5	33.5	30.5	29.0	28.0	4000	31.5	28.0	19.5	18.5	18.5	18.0
100	62.5	47.5	31.0	27.5	26.5	24.0	5000	30.0	26.5	17.5	16.5	16.5	16.0
125	50.5	46.0	29.0	25.5	24.0	23.0	6300	27.0	24.5	16.0	15.0	0.0	0.0
160	52.0	41.0	29.5	25.5	23.5	22.0	8000	27.5	24.0	15.0	0.0	0.0	0.0
200	60.0	42.0	29.5	26.5	25.0	23.0	10000	24.0	20.5	0.0	0.0	0.0	0.0
250	50.0	44.0	30.5	28.0	26.5	26.0	12500	20.0	17.0	0.0	0.0	0.0	0.0
315	55.0	46.0	30.0	27.5	26.5	25.0	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	52.5	45.0	29.5	27.5	26.0	25.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	44.5	41.5	29.0	27.0	25.5	25.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WDD2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WDD2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 15:16:03

Ln Start Level: 15 dB

L0.10	54.4 dBA	L50.00	42.2 dBA	L99.00	40.4 dBA
L1.00	50.9 dBA	L90.00	40.9 dBA	L99.90	40.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1206

Current Any Data
Start Time: 26-Feb-2001 15:16:03
Elapsed Time: 00:20:04.5

	A Weight		C Weight		Flat	
Leq:	43.6 dBA		60.5 dBC		66.1 dBF	
SEL:	74.4 dBA		91.4 dBC		97.0 dBF	
Peak:	97.0 dBA		98.4 dBC		99.7 dBF	
	26-Feb-2001	15:16:04	26-Feb-2001	15:16:04	26-Feb-2001	15:16:04
Lmax (slow):	54.7 dBA		80.7 dBC		83.2 dBF	
	26-Feb-2001	15:25:45	26-Feb-2001	15:29:09	26-Feb-2001	15:17:34
Lmin (slow):	40.1 dBA		49.1 dBC		51.1 dBF	
	26-Feb-2001	15:23:33	26-Feb-2001	15:23:24	26-Feb-2001	15:23:24
Lmax (fast):	62.2 dBA		85.6 dBC		89.3 dBF	
	26-Feb-2001	15:25:45	26-Feb-2001	15:29:09	26-Feb-2001	15:17:34
Lmin (fast):	39.6 dBA		48.0 dBC		49.5 dBF	
	26-Feb-2001	15:24:03	26-Feb-2001	15:23:25	26-Feb-2001	15:23:25
Lmax (impulse):	66.3 dBA		88.7 dBC		92.9 dBF	
	26-Feb-2001	15:25:45	26-Feb-2001	15:29:09	26-Feb-2001	15:17:34
Lmin (impulse):	39.9 dBA		49.4 dBC		51.8 dBF	
	26-Feb-2001	15:24:04	26-Feb-2001	15:23:24	26-Feb-2001	15:23:24

Spectra

Date	Time	Run Time
26-Feb-2001	15:16:03	00:20:04.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	61.9		47.8		40.2		630	35.3		42.8		31.9	
16.0	59.3	64.7	44.1	50.3	38.8	43.9	800	34.8		45.8		30.7	
20.0	57.3		43.1		38.1		1000	34.2	38.9	48.0	51.6	29.4	34.3
25.0	54.8		44.4		38.8		1250	33.1		46.3		27.9	
31.5	51.4	57.1	42.5	48.3	38.6	43.0	1600	31.4		44.6		26.3	
40.0	48.8		43.5		37.0		2000	29.7	34.6	43.9	47.9	24.8	29.7
50.0	46.6		41.0		37.2		2500	27.6		39.0		23.2	
63.0	45.1	49.9	41.7	45.7	32.0	40.2	3150	25.9		40.1		21.5	
80.0	42.9		39.8		35.7		4000	23.4	29.1	39.4	44.1	19.0	24.3
100	41.7		41.2		34.6		5000	23.3		38.4		16.7	
125	40.0	45.0	39.5	44.3	33.5	38.3	6300	20.1		37.9		14.9	
160	38.3		37.1		32.3		8000	19.0	23.4	37.0	41.2	13.0	18.0
200	38.4		36.2		33.3		10000	15.8		32.7		11.0	
250	39.4	43.6	39.3	43.2	34.6	38.9	12500	11.8		28.1		8.3	
315	38.7		39.1		34.4		16000	7.7	13.8	19.4	28.7	5.5	11.0
400	38.1		37.8		34.4		20000	4.7		10.0		3.7	
500	36.7	41.6	40.0	45.5	33.5	38.2							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	77.5	75.5	48.0	43.5	41.5	0.0	630	41.5	40.0	34.5	33.0	32.0	32.0
16.0	75.5	73.0	46.0	42.5	40.5	0.0	800	43.5	41.0	33.5	31.5	31.0	30.5
20.0	75.5	70.5	44.5	41.5	40.0	0.0	1000	45.5	42.5	32.5	30.5	29.5	29.5
25.0	73.0	68.0	44.0	41.5	40.0	0.0	1250	45.5	42.5	31.0	29.0	28.0	28.0
31.5	69.5	64.5	43.0	41.0	39.5	0.0	1600	45.0	41.5	29.0	27.0	26.5	26.0
40.0	67.0	61.5	42.5	40.5	39.0	0.0	2000	43.5	39.5	27.0	25.5	25.0	24.5
50.0	64.0	58.5	42.0	40.0	39.0	38.0	2500	42.0	37.5	25.0	23.5	23.0	23.0
63.0	62.0	55.0	42.0	40.0	39.0	37.5	3150	41.0	36.0	23.0	21.5	21.5	21.5
80.0	58.5	51.5	40.5	39.0	38.0	36.0	4000	38.0	33.5	20.0	19.5	19.0	19.0
100	54.0	49.0	40.0	38.5	37.5	37.0	5000	37.5	34.5	18.5	17.0	16.5	16.5
125	52.0	47.0	38.5	36.5	35.5	35.0	6300	35.5	30.0	16.5	15.0	15.0	0.0
160	48.5	45.0	36.5	35.0	34.0	33.5	8000	35.0	30.0	0.0	0.0	0.0	0.0
200	47.0	44.5	37.0	35.0	34.0	33.5	10000	31.0	25.5	0.0	0.0	0.0	0.0
250	46.5	44.5	38.5	36.5	35.0	34.5	12500	24.5	20.5	0.0	0.0	0.0	0.0
315	45.5	43.0	37.5	36.5	35.0	34.5	16000	17.5	0.0	0.0	0.0	0.0	0.0
400	45.0	43.0	37.0	36.0	35.0	34.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	42.5	40.5	36.0	34.5	33.5	33.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WDN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WDN1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 02:21:50

Ln Start Level: 15 dB
L0.10 48.8 ~~48.4~~ dBA L50.00 34.1 dBA L99.00 33.3 dBA
L1.00 42.8 ~~42.7~~ dBA L90.00 33.6 dBA L99.90 33.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 23-Feb-2001 02:21:50
Elapsed Time: 00:20:01.2

	A Weight		C Weight		Flat	
Leq: 35.5	~~63.0~~ dBA		63.1 dBC		63.1 dBF	
SEL:	93.8 dBA		93.9 dBC		94.0 dBF	
Peak:	96.9 dBA		97.3 dBC		97.6 dBF	
	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51
Lmax (slow): 48.8	~~93.8~~ dBA		93.9 dBC		94.0 dBF	
	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51
Lmin (slow):	33.3 dBA		36.6 dBC		38.3 dBF	
	23-Feb-2001	02:37:46	23-Feb-2001	02:37:26	23-Feb-2001	02:38:03
Lmax (fast):	93.8 dBA		93.8 dBC		93.9 dBF	
	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51
Lmin (fast):	32.9 dBA		35.9 dBC		37.1 dBF	
	23-Feb-2001	02:38:03	23-Feb-2001	02:37:25	23-Feb-2001	02:37:25
Lmax (impulse):	93.8 dBA		93.8 dBC		93.9 dBF	
	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51	23-Feb-2001	02:21:51
Lmin (impulse):	33.0 dBA		36.5 dBC		39.0 dBF	
	23-Feb-2001	02:38:03	23-Feb-2001	02:38:03	23-Feb-2001	02:39:38

Spectra

Date	Time	Run Time
23-Feb-2001	02:21:50	00:20:01.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	40.5		77.1		26.5		630	26.9		49.6		22.8	
16.0	43.9	46.2	71.5	78.9	16.1	28.9	800	25.8		46.7		22.7	
20.0	38.0		70.8		24.5		1000	63.1	63.1	93.9	93.9	23.1	27.6
25.0	38.5		65.4		23.8		1250	25.7		54.3		22.8	
31.5	33.3	40.5	64.5	69.1	21.1	27.5	1600	24.7		47.4		23.1	
40.0	32.9		62.6		22.8		2000	25.6	29.3	53.0	54.1	22.3	27.1
50.0	33.1		60.3		25.1		2500	22.7		27.7		21.4	
63.0	30.9	36.6	57.2	62.6	23.2	28.5	3150	21.3		25.5		19.7	
80.0	31.3		53.5		22.3		4000	19.8	24.8	26.1	38.3	18.0	23.1
100	27.3		50.4		19.5		5000	18.6		37.8		16.8	
125	28.3	32.0	48.4	53.1	16.1	22.5	6300	17.7		39.4		16.2	
160	25.8		44.0		16.7		8000	17.0	21.6	47.5	48.7	15.3	20.0
200	25.9		45.0		18.8		10000	15.4		39.8		13.9	
250	27.6	32.1	42.9	47.5	21.2	26.0	12500	12.6		41.6		10.5	
315	28.3		37.5		22.7		16000	9.3	14.9	40.2	46.3	6.6	12.6
400	28.7		39.6		22.8		20000	6.1		42.5		3.7	
500	27.9	32.7	43.0	50.8	23.0	27.6							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	77.0	52.0	33.0	30.0	26.5	0.0	630	55.0	36.5	24.5	23.5	23.0	22.5
16.0	72.0	52.5	32.0	29.0	24.5	0.0	800	52.0	35.0	24.0	23.5	23.0	22.0
20.0	72.5	53.0	30.5	27.5	25.0	0.0	1000	93.5	34.0	24.0	23.5	23.0	21.0
25.0	67.5	51.5	28.5	26.0	24.5	0.0	1250	59.0	34.0	24.0	23.5	23.5	21.5
31.5	68.0	45.5	27.0	25.0	23.0	0.0	1600	53.0	33.5	23.5	23.0	23.0	19.0
40.0	64.0	44.5	30.0	26.5	25.0	0.0	2000	55.5	33.5	22.5	22.5	22.5	19.5
50.0	64.0	44.0	30.5	27.0	26.0	0.0	2500	34.5	29.0	21.5	21.5	21.5	16.0
63.0	61.0	41.5	26.5	25.0	24.0	0.0	3150	33.0	28.0	20.0	20.0	19.5	17.0
80.0	56.0	44.0	25.0	23.5	22.5	0.0	4000	32.5	29.0	18.0	18.0	18.0	15.5
100	53.0	37.5	21.5	20.5	20.0	15.0	5000	39.0	27.0	17.0	17.0	16.5	0.0
125	52.5	41.0	19.5	18.0	17.0	0.0	6300	41.0	25.0	16.5	16.0	16.0	0.0
160	49.0	36.5	20.5	18.0	17.0	0.0	8000	49.0	25.5	15.5	15.5	15.0	0.0
200	46.0	37.5	22.5	20.0	19.0	0.0	10000	41.5	23.0	0.0	0.0	0.0	0.0
250	44.0	38.0	24.5	22.5	21.5	0.0	12500	44.0	21.0	0.0	0.0	0.0	0.0
315	42.0	38.5	25.5	24.0	23.0	0.0	16000	42.5	20.0	0.0	0.0	0.0	0.0
400	44.5	39.0	25.5	24.0	23.0	15.5	20000	45.0	0.0	0.0	0.0	0.0	0.0
500	48.0	39.0	25.0	23.5	23.0	0.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WDN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WDN2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 22:56:54

Ln Start Level: 15 dB

L0.10	53.0 dBA	L50.00	36.1 dBA	L99.00	35.1 dBA
L1.00	46.1 dBA	L90.00	35.4 dBA	L99.90	35.0 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 26-Feb-2001 22:56:54
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	37.5 dBA		55.1 dBC		61.7 dBF	
SEL:	68.4 dBA		85.9 dBC		92.5 dBF	
Peak:	97.0 dBA		97.1 dBC		97.3 dBF	
	26-Feb-2001	22:56:54	26-Feb-2001	22:56:54	26-Feb-2001	22:56:54
Lmax (slow):	53.3 dBA		74.5 dBC		80.6 dBF	
	26-Feb-2001	23:02:49	26-Feb-2001	23:05:16	26-Feb-2001	23:05:16
Lmin (slow):	35.0 dBA		41.6 dBC		43.4 dBF	
	26-Feb-2001	23:14:48	26-Feb-2001	23:10:15	26-Feb-2001	23:10:20
Lmax (fast):	60.7 dBA		80.0 dBC		85.3 dBF	
	26-Feb-2001	23:02:49	26-Feb-2001	23:05:16	26-Feb-2001	23:05:16
Lmin (fast):	34.7 dBA		40.6 dBC		42.1 dBF	
	26-Feb-2001	23:15:14	26-Feb-2001	23:10:19	26-Feb-2001	23:10:19
Lmax (impulse):	64.3 dBA		83.2 dBC		87.8 dBF	
	26-Feb-2001	23:02:49	26-Feb-2001	23:05:16	26-Feb-2001	23:05:16
Lmin (impulse):	34.9 dBA		42.1 dBC		44.4 dBF	
	26-Feb-2001	23:14:40	26-Feb-2001	23:10:14	26-Feb-2001	23:10:35

Spectra

Date	Time	Run Time
26-Feb-2001	22:56:54	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	57.7		42.3		32.2		630	28.1		40.5		25.5	
16.0	55.0	60.4	38.3	44.5	33.2	37.3	800	28.1		41.6		25.8	
20.0	52.8		36.6		32.1		1000	28.5	33.0	45.9	50.2	25.2	30.0
25.0	50.0		35.7		31.2		1250	28.1		47.2		24.5	
31.5	47.2	52.5	35.8	40.4	30.3	35.3	1600	26.4		43.2		24.4	
40.0	44.0		35.5		30.0		2000	25.6	30.1	41.0	46.3	23.3	28.1
50.0	40.5		35.2		29.3		2500	23.7		39.4		21.9	
63.0	38.5	43.5	33.0	38.1	28.8	33.7	3150	23.0		40.4		20.2	
80.0	36.0		30.7		28.7		4000	20.8	26.1	37.9	43.5	18.1	23.2
100	38.4		36.9		28.5		5000	19.4		37.2		15.9	
125	35.3	40.9	29.1	38.0	25.1	31.0	6300	17.4		33.7		14.4	
160	32.9		27.9		23.8		8000	16.6	20.9	35.3	38.3	13.0	17.9
200	30.7		27.2		24.9		10000	13.7		30.2		11.3	
250	30.9	35.4	28.7	34.1	25.2	30.2	12500	10.4		24.2		8.6	
315	30.1		31.1		26.0		16000	6.5	12.6	16.3	24.9	5.5	11.1
400	29.5		32.6		25.8		20000	4.1		8.0		3.5	
500	28.5	33.5	39.6	43.5	25.3	30.3							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	76.0	70.0	46.5	38.0	34.5	0.0	630	40.0	33.5	27.0	26.0	25.5	25.5
16.0	72.5	67.5	43.5	36.5	34.5	0.0	800	41.5	35.0	27.0	26.0	26.0	25.5
20.0	71.5	66.5	41.0	36.0	33.5	0.0	1000	44.5	38.0	26.5	26.0	25.5	25.0
25.0	68.5	63.5	39.0	34.5	32.5	0.0	1250	45.0	38.0	26.0	25.5	25.0	25.0
31.5	67.5	60.0	37.0	33.5	31.0	0.0	1600	41.5	34.5	25.0	24.5	24.5	24.0
40.0	65.0	55.5	36.5	33.5	31.0	0.0	2000	41.0	35.0	24.0	23.5	23.5	23.0
50.0	58.5	52.5	35.0	32.0	30.0	29.5	2500	38.0	32.0	22.5	22.0	22.0	21.5
63.0	55.0	49.0	34.0	31.5	30.5	29.0	3150	39.5	33.0	20.5	20.5	20.0	20.0
80.0	51.0	45.0	32.5	30.5	29.5	28.5	4000	37.0	31.0	18.5	18.0	18.0	18.0
100	48.5	46.5	35.0	31.0	29.5	28.5	5000	36.5	30.5	16.5	16.0	16.0	15.5
125	48.0	46.0	28.5	27.0	26.0	25.0	6300	33.5	27.5	15.0	0.0	0.0	0.0
160	45.0	43.0	27.0	25.5	24.5	24.0	8000	34.0	27.5	0.0	0.0	0.0	0.0
200	41.5	39.5	27.5	26.0	25.0	25.0	10000	29.0	23.0	0.0	0.0	0.0	0.0
250	42.0	41.0	28.0	26.5	26.0	25.5	12500	23.5	18.0	0.0	0.0	0.0	0.0
315	42.0	38.0	28.5	27.0	26.0	26.0	16000	15.5	0.0	0.0	0.0	0.0	0.0
400	39.0	37.0	28.0	27.5	26.5	26.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	38.5	34.0	27.5	26.5	26.0	25.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WED1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WED1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 09:17:10

Ln Start Level: 15 dB

L0.10	51.3 dBA	L50.00	36.0 dBA	L99.00	34.4 dBA
L1.00	44.9 dBA	L90.00	34.9 dBA	L99.90	34.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 24-Feb-2001 09:17:10
Elapsed Time: 00:20:01.2

	A Weight	C Weight	Flat
Leq:	37.0 dBA	54.8 dBC	61.4 dBF
SEL:	67.8 dBA	85.6 dBC	92.2 dBF
Peak:	96.5 dBA	100.0 dBC	102.3 dBF
	24-Feb-2001 09:17:10	24-Feb-2001 09:17:10	24-Feb-2001 09:17:10
Lmax (slow):	51.5 dBA	74.9 dBC	79.7 dBF
	24-Feb-2001 09:25:10	24-Feb-2001 09:17:25	24-Feb-2001 09:17:25
Lmin (slow):	34.2 dBA	41.9 dBC	45.0 dBF
	24-Feb-2001 09:28:51	24-Feb-2001 09:35:48	24-Feb-2001 09:35:48
Lmax (fast):	58.9 dBA	79.3 dBC	84.1 dBF
	24-Feb-2001 09:25:10	24-Feb-2001 09:17:25	24-Feb-2001 09:17:25
Lmin (fast):	33.8 dBA	40.9 dBC	43.2 dBF
	24-Feb-2001 09:28:50	24-Feb-2001 09:36:35	24-Feb-2001 09:28:51
Lmax (impulse):	62.7 dBA	82.2 dBC	87.1 dBF
	24-Feb-2001 09:24:20	24-Feb-2001 09:17:25	24-Feb-2001 09:17:25
Lmin (impulse):	34.0 dBA	42.8 dBC	45.9 dBF
	24-Feb-2001 09:28:43	24-Feb-2001 09:35:48	24-Feb-2001 09:36:17

Spectra

Date	Time	Run Time
24-Feb-2001	09:17:10	00:20:01.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	57.0		46.4		36.7		630	28.0		37.2		23.9	
16.0	55.1	60.0	43.0	49.5	35.7	40.7	800	28.1		45.3		23.9	
20.0	52.7		44.2		35.2		1000	27.1	31.9	45.1	49.0	23.4	28.2
25.0	49.5		40.3		34.5		1250	26.0		41.4		23.0	
31.5	46.1	51.7	38.8	43.5	31.7	37.3	1600	25.2		41.7		22.5	
40.0	42.6		36.2		30.3		2000	24.5	29.1	40.5	44.7	21.7	26.5
50.0	42.2		35.7		30.9		2500	23.2		35.6		21.0	
63.0	38.7	44.7	34.0	39.0	28.5	33.7	3150	22.9		37.7		20.2	
80.0	37.2		32.3		25.8		4000	22.1	26.8	33.8	39.8	19.3	24.2
100	34.0		29.5		26.0		5000	20.8		31.2		18.6	
125	32.6	37.5	28.2	33.7	23.2	29.0	6300	20.8		32.3		18.6	
160	31.1		28.9		22.8		8000	21.0	24.8	31.5	35.7	18.0	22.5
200	31.1		29.9		24.4		10000	17.7		27.5		16.3	
250	32.5	36.1	37.3	39.4	27.2	30.8	12500	14.1		22.3		13.0	
315	30.0		33.7		26.1		16000	9.5	15.8	14.1	23.0	8.5	14.7
400	28.7		33.2		25.0		20000	5.2		7.2		4.5	
500	28.2	33.1	38.0	41.4	24.5	29.3							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	73.0	68.5	45.0	40.0	38.0	0.0	630	35.5	32.0	27.0	25.5	24.5	24.0
16.0	73.0	67.0	43.5	40.0	37.5	0.0	800	43.0	34.5	26.5	25.0	24.0	24.0
20.0	72.0	65.0	42.0	38.5	36.5	0.0	1000	43.5	34.5	25.0	24.0	23.5	23.5
25.0	68.5	62.5	41.0	37.5	35.5	0.0	1250	41.5	34.0	24.0	23.5	23.0	23.0
31.5	63.5	60.0	38.5	35.0	33.0	0.0	1600	40.0	35.0	23.0	22.5	22.5	22.5
40.0	61.0	55.5	37.0	33.5	31.5	0.0	2000	40.0	34.5	22.0	22.0	21.5	21.5
50.0	59.5	55.0	36.0	33.5	32.0	31.0	2500	37.0	32.5	21.5	21.0	21.0	21.0
63.0	53.5	50.5	34.5	31.5	30.0	29.5	3150	37.0	33.0	21.0	20.5	20.0	20.0
80.0	50.0	47.5	33.5	31.0	29.5	27.5	4000	36.5	32.5	20.0	19.5	19.0	19.0
100	45.0	41.5	31.5	28.5	27.0	26.5	5000	33.0	30.0	19.0	18.5	18.5	18.5
125	44.0	41.0	29.5	26.0	24.0	23.0	6300	32.0	28.5	19.5	18.5	18.5	18.5
160	41.5	38.0	29.0	26.0	23.5	23.0	8000	33.0	29.0	19.0	18.0	18.0	18.0
200	40.0	37.5	29.5	26.5	25.0	24.0	10000	27.5	23.0	17.0	16.5	16.0	16.0
250	41.0	38.0	31.5	29.0	27.5	27.0	12500	22.0	18.0	0.0	0.0	0.0	0.0
315	36.5	34.5	29.0	27.0	26.5	26.0	16000	20.0	0.0	0.0	0.0	0.0	0.0
400	33.5	32.5	28.0	26.5	25.5	25.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	36.0	32.5	27.5	26.0	25.0	24.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WED2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WED2
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 12:13:21

Ln Start Level: 15 dB

L0.10	49.4 dBA	L50.00	34.4 dBA	L99.00	32.9 dBA
L1.00	42.0 dBA	L90.00	33.5 dBA	L99.90	32.6 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 24-Feb-2001 12:13:21
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	35.4 dBA		47.2 dBC		51.4 dBF	
SEL:	66.2 dBA		78.0 dBC		82.2 dBF	
Peak:	96.7 dBA		99.4 dBC		100.6 dBF	
	24-Feb-2001	12:13:21	24-Feb-2001	12:13:21	24-Feb-2001	12:13:21
Lmax (slow):	49.8 dBA		61.2 dBC		68.6 dBF	
	24-Feb-2001	12:25:24	24-Feb-2001	12:30:04	24-Feb-2001	12:30:04
Lmin (slow):	32.7 dBA		40.9 dBC		44.1 dBF	
	24-Feb-2001	12:30:08	24-Feb-2001	12:23:06	24-Feb-2001	12:25:34
Lmax (fast):	57.4 dBA		68.0 dBC		75.0 dBF	
	24-Feb-2001	12:25:24	24-Feb-2001	12:30:04	24-Feb-2001	12:30:04
Lmin (fast):	32.4 dBA		39.6 dBC		42.1 dBF	
	24-Feb-2001	12:30:04	24-Feb-2001	12:23:19	24-Feb-2001	12:23:19
Lmax (impulse):	61.6 dBA		70.7 dBC		78.2 dBF	
	24-Feb-2001	12:25:24	24-Feb-2001	12:30:04	24-Feb-2001	12:30:04
Lmin (impulse):	32.5 dBA		41.4 dBC		45.0 dBF	
	24-Feb-2001	12:30:05	24-Feb-2001	12:25:34	24-Feb-2001	12:25:34

Spectra

Date	Time	Run Time
24-Feb-2001	12:13:21	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	45.9		42.7		34.5		630	25.8		35.1		21.5	
16.0	44.0	49.0	38.9	44.7	36.0	38.5	800	26.1		43.3		22.2	
20.0	42.0		35.4		24.9		1000	26.0	30.6	43.5	47.4	22.0	26.8
25.0	40.2		35.1		32.4		1250	25.2		40.7		22.0	
31.5	39.7	45.0	34.7	39.6	31.7	36.0	1600	24.0		39.3		21.7	
40.0	40.8		34.6		28.7		2000	23.4	28.0	38.3	43.1	21.1	25.9
50.0	37.0		32.5		27.8		2500	22.2		37.2		20.4	
63.0	36.1	41.1	28.3	34.7	25.3	30.5	3150	21.5		34.7		20.0	
80.0	35.8		27.2		22.4		4000	20.4	25.3	33.0	38.2	19.0	23.9
100	34.2		27.7		23.5		5000	19.6		32.0		18.3	
125	34.6	38.3	29.0	32.2	21.1	26.3	6300	19.0		31.6		17.8	
160	31.2		24.6		18.9		8000	18.3	22.8	29.0	34.3	17.0	21.6
200	28.2		23.8		19.1		10000	16.6		26.5		15.3	
250	29.3	32.7	24.7	32.5	20.3	24.6	12500	13.0		20.5		12.2	
315	25.6		30.9		20.0		16000	8.6	14.8	12.4	21.3	8.0	14.1
400	25.4		33.8		20.1		20000	5.0		6.0		4.5	
500	25.8	30.4	36.8	40.2	21.2	25.7							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	59.5	56.5	42.5	40.0	37.5	0.0	630	35.0	30.5	25.0	23.5	22.0	21.5
16.0	58.5	53.0	41.0	39.0	37.0	0.0	800	40.5	33.0	25.0	23.0	22.5	22.0
20.0	55.5	51.0	39.5	37.5	35.5	0.0	1000	41.0	35.0	24.0	23.0	22.0	22.0
25.0	53.5	47.0	38.5	36.0	34.5	0.0	1250	38.5	32.0	23.5	22.5	22.0	22.0
31.5	48.5	46.0	39.0	35.0	33.0	0.0	1600	37.5	30.5	22.5	22.0	21.5	21.5
40.0	49.0	46.0	39.5	34.5	30.0	0.0	2000	37.0	31.5	22.0	21.5	21.0	21.0
50.0	46.0	44.0	34.5	30.5	29.0	28.0	2500	34.5	28.0	21.0	20.5	20.5	20.0
63.0	48.0	43.5	33.0	29.5	27.0	25.5	3150	33.0	27.0	20.5	20.0	20.0	20.0
80.0	50.0	43.0	34.0	29.0	26.5	25.5	4000	32.0	25.5	19.5	19.0	19.0	19.0
100	45.0	44.0	28.5	26.0	25.0	24.0	5000	31.0	25.0	19.0	18.5	18.0	18.0
125	45.5	44.5	28.5	24.5	22.0	21.0	6300	28.0	23.0	18.5	18.0	17.5	17.5
160	43.0	41.5	23.5	21.0	20.0	19.0	8000	27.5	22.5	17.5	17.0	17.0	17.0
200	42.5	40.0	22.5	20.5	19.5	19.0	10000	26.0	20.5	16.0	15.5	15.0	15.0
250	44.5	41.0	25.0	22.5	21.0	20.5	12500	18.5	15.5	0.0	0.0	0.0	0.0
315	36.0	33.5	23.5	22.0	20.5	20.0	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	33.0	31.0	24.5	23.0	21.5	20.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	35.5	31.0	25.0	23.5	22.0	21.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WEN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WEN1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 23:05:59

Ln Start Level: 15 dB

L0.10	50.9 dBA	L50.00	33.9 dBA	L99.00	33.0 dBA
L1.00	42.9 dBA	L90.00	33.1 dBA	L99.90	32.9 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1204

Current Any Data
Start Time: 24-Feb-2001 23:05:59
Elapsed Time: 00:20:00.8

	A Weight		C Weight		Flat	
Leq:	35.3 dBA		42.1 dBC		45.3 dBF	
SEL:	66.1 dBA		72.9 dBC		76.1 dBF	
Peak:	96.7 dBA		99.3 dBC		100.0 dBF	
	24-Feb-2001	23:05:59	24-Feb-2001	23:05:59	24-Feb-2001	23:05:59
Lmax (slow):	51.0 dBA		52.7 dBC		59.7 dBF	
	24-Feb-2001	23:10:16	24-Feb-2001	23:15:05	24-Feb-2001	23:08:00
Lmin (slow):	32.9 dBA		37.7 dBC		39.5 dBF	
	24-Feb-2001	23:19:27	24-Feb-2001	23:10:40	24-Feb-2001	23:10:38
Lmax (fast):	58.7 dBA		58.7 dBC		65.7 dBF	
	24-Feb-2001	23:10:16	24-Feb-2001	23:10:16	24-Feb-2001	23:07:45
Lmin (fast):	32.5 dBA		36.4 dBC		38.3 dBF	
	24-Feb-2001	23:19:27	24-Feb-2001	23:10:40	24-Feb-2001	23:10:37
Lmax (impulse):	62.5 dBA		62.4 dBC		68.2 dBF	
	24-Feb-2001	23:14:21	24-Feb-2001	23:10:16	24-Feb-2001	23:07:45
Lmin (impulse):	32.8 dBA		37.9 dBC		39.9 dBF	
	24-Feb-2001	23:19:27	24-Feb-2001	23:26:40	24-Feb-2001	23:10:38

Spectra

Date	Time	Run Time
24-Feb-2001	23:05:59	00:20:00.8

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	38.5		35.6		24.7		630	25.7		37.9		22.1	
16.0	37.5	42.0	33.0	38.4	20.8	30.4	800	27.0		42.8		23.0	
20.0	35.2		31.2		28.4		1000	27.4	31.6	46.3	49.1	23.4	28.1
25.0	33.9		29.1		27.9		1250	26.0		42.8		23.5	
31.5	32.8	37.9	31.8	34.9	26.9	31.8	1600	24.6		37.6		23.1	
40.0	32.5		29.0		26.0		2000	23.9	28.4	40.0	42.8	22.3	27.0
50.0	32.1		27.0		25.2		2500	22.1		35.1		20.9	
63.0	32.4	36.9	27.4	34.8	24.9	29.6	3150	21.2		37.5		19.4	
80.0	31.9		33.0		24.4		4000	18.9	24.1	33.7	40.1	17.2	22.3
100	28.8		25.2		20.9		5000	16.9		33.6		14.8	
125	28.7	33.3	32.3	33.3	15.8	23.4	6300	15.7		31.4		13.3	
160	27.9		20.6		17.5		8000	14.1	19.0	30.2	34.5	12.4	17.1
200	26.1		21.6		17.8		10000	12.2		26.1		11.0	
250	25.8	30.5	23.9	32.2	19.2	24.0	12500	9.3		19.7		8.4	
315	25.2		31.1		20.3		16000	6.2	11.8	11.8	20.5	5.5	11.0
400	25.3		33.6		20.5		20000	4.2		5.8		3.5	
500	25.3	30.2	38.7	42.0	21.4	26.2							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	53.0	48.5	35.5	33.0	30.5	0.0	630	37.5	32.0	24.5	23.0	22.5	22.0
16.0	54.0	46.5	34.5	32.0	30.0	0.0	800	41.5	34.0	25.0	23.5	23.0	23.0
20.0	44.5	42.0	33.5	31.0	29.5	0.0	1000	44.5	37.0	25.0	24.0	23.5	23.0
25.0	43.0	40.0	32.5	30.0	28.5	0.0	1250	41.5	34.0	24.5	24.0	23.5	23.5
31.5	40.0	38.5	31.5	29.0	27.5	0.0	1600	37.5	30.5	23.5	23.5	23.0	23.0
40.0	41.0	39.0	31.0	28.0	26.5	0.0	2000	38.0	31.5	22.5	22.5	22.0	22.0
50.0	42.0	38.0	31.0	27.5	26.0	0.0	2500	33.5	28.0	21.0	21.0	21.0	20.5
63.0	49.5	46.0	28.0	26.5	25.5	0.0	3150	35.5	30.0	19.5	19.5	19.5	19.0
80.0	47.5	44.0	28.0	26.0	25.0	0.0	4000	32.5	27.5	17.5	17.0	17.0	17.0
100	42.0	37.5	26.0	24.0	23.0	22.5	5000	32.0	25.5	15.5	15.0	15.0	15.0
125	46.0	40.0	23.0	21.0	20.0	19.0	6300	31.5	25.0	0.0	0.0	0.0	0.0
160	41.5	39.0	21.0	19.0	18.5	17.5	8000	28.5	22.0	0.0	0.0	0.0	0.0
200	37.5	36.0	21.0	19.5	18.5	18.0	10000	24.0	18.0	0.0	0.0	0.0	0.0
250	38.0	36.5	22.0	20.5	19.5	19.0	12500	18.0	0.0	0.0	0.0	0.0	0.0
315	34.5	33.0	23.0	21.5	20.5	20.0	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	38.5	34.0	23.0	21.5	21.0	20.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	37.0	32.0	23.5	22.0	21.5	21.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML3-WEN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML3-WEN2
Note1:
Note2:

Overall Measurement
Start Time: 25-Feb-2001 01:37:58

Ln Start Level: 15 dB

L0.10	52.0 dBA	L50.00	33.4 dBA	L99.00	22.9 dBA
L1.00	48.7 dBA	L90.00	32.6 dBA	L99.90	22.8 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 25-Feb-2001 01:37:58
Elapsed Time: 00:20:00.6

	A Weight		C Weight		Flat	
Leq:	37.0 dBA		47.5 dBC		49.8 dBF	
SEL:	67.8 dBA		78.4 dBC		80.6 dBF	
Peak:	96.6 dBA		97.1 dBC		97.4 dBF	
	25-Feb-2001	01:37:58	25-Feb-2001	01:37:58	25-Feb-2001	01:37:58
Lmax (slow):	52.2 dBA		63.7 dBC		64.0 dBF	
	25-Feb-2001	01:49:38	25-Feb-2001	01:53:36	25-Feb-2001	01:51:10
Lmin (slow):	22.8 dBA		37.5 dBC		20.8 dBF	
	25-Feb-2001	01:43:35	25-Feb-2001	01:44:15	25-Feb-2001	01:43:35
Lmax (fast):	60.0 dBA		65.9 dBC		69.0 dBF	
	25-Feb-2001	01:49:38	25-Feb-2001	01:53:36	25-Feb-2001	01:50:20
Lmin (fast):	22.5 dBA		34.2 dBC		20.5 dBF	
	25-Feb-2001	01:43:35	25-Feb-2001	01:44:14	25-Feb-2001	01:43:35
Lmax (impulse):	64.6 dBA		67.3 dBC		71.7 dBF	
	25-Feb-2001	01:49:38	25-Feb-2001	01:53:36	25-Feb-2001	01:51:13
Lmin (impulse):	22.7 dBA		39.1 dBC		20.7 dBF	
	25-Feb-2001	01:44:14	25-Feb-2001	01:41:19	25-Feb-2001	01:44:14

Spectra

Date	Time	Run Time
25-Feb-2001	01:37:58	00:20:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	42.1		34.2		-43.3		630	24.7		38.6		8.3	
16.0	40.3	45.1	33.5	38.6	-43.3	-38.5	800	25.8		45.5		10.0	
20.0	37.6		33.8		-43.3		1000	26.7	30.8	45.3	49.7	11.2	15.8
25.0	35.6		31.5		-40.3		1250	25.4		43.8		11.7	
31.5	35.4	40.7	31.6	36.2	-32.9	-20.8	1600	24.0		40.2		11.7	
40.0	36.6		31.2		-21.1		2000	23.4	28.0	40.1	45.0	11.0	15.7
50.0	36.2		29.7		-15.7		2500	22.1		40.5		9.8	
63.0	34.7	39.4	34.1	36.5	-11.4	-5.8	3150	20.6		37.0		8.2	
80.0	31.8		29.9		-7.9		4000	18.7	23.9	36.9	41.3	5.6	10.9
100	30.8		27.6		-6.0		5000	17.5		35.7		3.2	
125	31.9	41.1	25.9	30.9	-5.4	-0.2	6300	15.7		34.5		1.5	
160	40.0		24.1		-3.8		8000	14.7	19.3	31.8	37.0	-0.6	4.4
200	41.7		25.1		-0.6		10000	12.8		28.2		-3.1	
250	34.6	42.6	26.1	33.9	2.9	7.6	12500	9.5		23.5		-7.7	
315	28.5		32.4		4.6		16000	5.9	11.8	14.7	24.1	-10.4	-4.3
400	25.6		33.9		5.4		20000	3.8		6.8		-9.5	
500	24.4	29.7	36.9	41.6	6.8	11.8							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	57.0	53.5	37.0	0.0	0.0	0.0	630	37.0	32.0	23.5	20.5	0.0	0.0
16.0	55.5	51.0	35.5	0.0	0.0	0.0	800	43.0	34.0	23.5	22.0	0.0	0.0
20.0	53.5	48.0	34.0	0.0	0.0	0.0	1000	44.0	37.0	24.0	22.5	0.0	0.0
25.0	49.5	44.0	33.0	16.0	0.0	0.0	1250	42.0	35.0	23.5	22.0	0.0	0.0
31.5	46.0	44.5	32.0	15.0	0.0	0.0	1600	39.5	31.5	23.0	21.5	0.0	0.0
40.0	49.5	47.0	31.5	18.0	0.0	0.0	2000	39.5	32.5	22.0	21.5	0.0	0.0
50.0	50.0	46.5	31.5	21.5	0.0	0.0	2500	38.0	30.5	21.0	20.0	0.0	0.0
63.0	49.0	45.0	30.0	22.5	0.0	0.0	3150	36.5	29.5	19.0	18.5	0.0	0.0
80.0	44.5	41.0	29.0	20.5	0.0	0.0	4000	35.0	28.5	17.0	16.5	0.0	0.0
100	42.5	40.0	27.5	22.5	0.0	0.0	5000	35.0	28.0	15.0	0.0	0.0	0.0
125	46.5	44.5	25.0	20.5	0.0	0.0	6300	31.5	26.0	0.0	0.0	0.0	0.0
160	56.0	53.5	23.5	18.5	0.0	0.0	8000	31.0	25.5	0.0	0.0	0.0	0.0
200	60.0	56.0	24.0	20.0	0.0	0.0	10000	28.0	22.0	0.0	0.0	0.0	0.0
250	51.0	49.0	24.5	20.5	0.0	0.0	12500	22.0	17.0	0.0	0.0	0.0	0.0
315	41.5	39.5	24.0	19.0	0.0	0.0	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	37.0	34.5	23.5	20.5	0.0	0.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	35.5	31.0	23.5	20.5	0.0	0.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WDD1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WDD1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 11:34:17

Ln Start Level: 15 dB

L0.10	60.3 dBA	L50.00	45.1 dBA	L99.00	41.7 dBA
L1.00	57.4 dBA	L90.00	42.7 dBA	L99.90	41.4 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 23-Feb-2001 11:34:17
Elapsed Time: 00:20:01.2

	A Weight		C Weight		Flat	
Leq:	47.3 dBA		63.4 dBC		66.4 dBF	
SEL:	78.1 dBA		94.2 dBC		97.2 dBF	
Peak:	97.0 dBA		97.9 dBC		98.9 dBF	
	23-Feb-2001	11:34:17	23-Feb-2001	11:34:17	23-Feb-2001	11:34:17
Lmax (slow):	60.4 dBA		80.5 dBC		84.2 dBF	
	23-Feb-2001	11:38:51	23-Feb-2001	11:38:55	23-Feb-2001	11:37:15
Lmin (slow):	41.4 dBA		52.6 dBC		54.0 dBF	
	23-Feb-2001	11:54:07	23-Feb-2001	11:54:03	23-Feb-2001	11:54:01
Lmax (fast):	65.2 dBA		82.8 dBC		89.0 dBF	
	23-Feb-2001	11:36:51	23-Feb-2001	11:37:14	23-Feb-2001	11:37:14
Lmin (fast):	41.1 dBA		51.0 dBC		52.5 dBF	
	23-Feb-2001	11:54:06	23-Feb-2001	11:54:00	23-Feb-2001	11:54:00
Lmax (impulse):	69.8 dBA		84.9 dBC		90.9 dBF	
	23-Feb-2001	11:36:51	23-Feb-2001	11:37:14	23-Feb-2001	11:37:14
Lmin (impulse):	41.3 dBA		53.5 dBC		54.8 dBF	
	23-Feb-2001	11:54:07	23-Feb-2001	11:46:50	23-Feb-2001	11:54:03

Spectra

Date	Time	Run Time
23-Feb-2001	11:34:17	00:20:01.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	60.1		57.6		37.0		630	37.9		45.1		31.7	
16.0	57.5	62.9	58.0	61.7	35.7	41.7	800	38.8		44.7		32.6	
20.0	55.4		54.5		37.8		1000	38.8	43.3	45.7	49.8	32.5	37.3
25.0	53.6		57.7		35.6		1250	37.8		44.5		32.4	
31.5	53.2	58.3	58.1	63.7	46.2	49.7	1600	36.2		44.1		31.4	
40.0	53.9		60.5		46.8		2000	34.2	39.3	50.7	54.0	29.8	34.6
50.0	57.2		61.8		45.3		2500	32.4		50.4		27.2	
63.0	57.6	61.9	76.0	76.4	41.1	47.7	3150	31.1		51.3		25.3	
80.0	56.6		64.1		40.9		4000	29.2	34.3	50.4	54.8	22.6	27.9
100	49.5		56.6		34.4		5000	27.4		47.4		20.1	
125	47.4	51.8	58.6	60.9	30.5	37.2	6300	25.7		46.2		16.8	
160	39.5		46.7		31.2		8000	24.1	28.4	40.2	47.4	14.5	19.7
200	36.1		45.9		28.2		10000	17.7		35.3		12.2	
250	36.7	41.5	46.5	50.9	29.1	33.6	12500	13.6		28.2		8.9	
315	37.2		46.1		29.0		16000	10.1	15.9	19.4	28.8	6.5	12.0
400	37.4		47.1		30.1		20000	7.7		10.7		5.4	
500	38.5	42.7	49.7	52.5	30.2	35.5							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	79.5	73.0	47.5	42.0	39.0	0.0	630	49.0	45.5	36.0	33.5	32.0	31.5
16.0	76.5	70.5	45.5	41.0	38.5	0.0	800	48.5	45.5	37.0	34.5	33.0	32.5
20.0	73.5	69.0	44.5	40.5	39.0	0.0	1000	49.0	46.5	37.0	34.5	33.0	32.5
25.0	72.0	67.0	44.0	40.5	38.0	0.0	1250	46.0	45.0	36.0	33.5	33.0	32.5
31.5	69.0	63.5	50.5	48.5	47.0	0.0	1600	47.0	43.0	34.5	32.0	31.5	31.5
40.0	73.5	64.5	50.5	48.5	47.5	0.0	2000	49.5	42.0	31.5	30.0	30.0	29.5
50.0	79.0	66.0	49.0	47.5	46.0	45.5	2500	49.0	43.0	29.0	28.0	27.5	27.5
63.0	77.5	71.5	46.0	43.5	42.5	41.5	3150	50.5	40.0	26.5	25.5	25.5	25.0
80.0	75.0	72.0	45.5	43.0	42.0	41.0	4000	49.5	39.5	24.0	23.0	23.0	22.5
100	68.5	61.5	42.5	40.5	39.0	38.5	5000	48.0	37.0	21.5	20.5	20.0	20.0
125	66.0	59.5	39.5	36.5	35.5	33.5	6300	45.5	36.0	19.0	17.5	17.0	17.0
160	56.0	49.5	35.5	33.0	32.0	31.0	8000	42.0	35.5	17.0	15.5	0.0	0.0
200	46.5	44.5	34.0	31.0	29.0	28.0	10000	35.0	26.0	0.0	0.0	0.0	0.0
250	52.0	44.0	34.5	32.0	29.5	29.0	12500	28.0	21.5	0.0	0.0	0.0	0.0
315	50.5	47.0	34.5	32.0	30.0	29.5	16000	22.0	17.0	0.0	0.0	0.0	0.0
400	49.0	46.5	35.0	32.5	30.5	30.0	20000	15.0	0.0	0.0	0.0	0.0	0.0
500	52.5	49.5	35.0	32.5	31.0	30.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WDD2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WDD2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 14:48:08

Ln Start Level: 15 dB

L0.10	59.8 dBA	L50.00	48.6 dBA	L99.00	43.4 dBA
L1.00	55.4 dBA	L90.00	45.5 dBA	L99.90	43.1 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1206

Current Any Data
Start Time: 26-Feb-2001 14:48:08
Elapsed Time: 00:20:04.7

	A Weight		C Weight		Flat	
Leq:	49.6 dBA		61.7 dBC		66.3 dBF	
SEL:	80.4 dBA		92.5 dBC		97.1 dBF	
Peak:	83.7 dBA		89.2 dBC		93.5 dBF	
	26-Feb-2001	14:54:00	26-Feb-2001	15:08:07	26-Feb-2001	15:02:55
Lmax (slow):	60.1 dBA		77.8 dBC		83.8 dBF	
	26-Feb-2001	14:52:21	26-Feb-2001	15:08:07	26-Feb-2001	15:08:07
Lmin (slow):	43.1 dBA		53.9 dBC		55.4 dBF	
	26-Feb-2001	14:53:59	26-Feb-2001	14:53:58	26-Feb-2001	14:53:46
Lmax (fast):	66.2 dBA		82.3 dBC		88.2 dBF	
	26-Feb-2001	14:54:00	26-Feb-2001	15:08:07	26-Feb-2001	15:08:07
Lmin (fast):	42.8 dBA		52.6 dBC		53.5 dBF	
	26-Feb-2001	14:53:50	26-Feb-2001	14:50:46	26-Feb-2001	14:53:57
Lmax (impulse):	70.1 dBA		84.2 dBC		89.6 dBF	
	26-Feb-2001	14:54:00	26-Feb-2001	15:08:07	26-Feb-2001	15:08:07
Lmin (impulse):	43.0 dBA		54.5 dBC		56.2 dBF	
	26-Feb-2001	14:53:59	26-Feb-2001	14:53:45	26-Feb-2001	14:53:46

Spectra
Date Time Run Time
26-Feb-2001 14:48:08 00:20:04.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	61.0		56.0		42.2		630	40.7		51.4		34.3	
16.0	59.1	64.0	55.2	59.7	42.8	47.1	800	41.3		51.1		34.0	
20.0	56.6		53.3		41.9		1000	41.6	46.0	53.3	56.6	33.5	38.2
25.0	54.2		54.6		42.2		1250	40.6		50.7		32.8	
31.5	53.5	58.0	55.8	59.4	45.7	48.6	1600	38.7		47.9		31.8	
40.0	51.6		53.2		42.8		2000	36.3	41.5	44.8	50.3	30.2	35.1
50.0	51.8		54.2		44.2		2500	33.6		41.6		28.2	
63.0	50.6	56.5	53.9	68.3	44.9	48.9	3150	31.1		38.9		25.9	
80.0	52.6		68.0		43.2		4000	28.3	33.8	34.5	40.6	23.2	28.4
100	49.7		55.1		43.0		5000	26.1		29.4		20.0	
125	47.1	52.5	56.6	60.4	41.3	46.2	6300	24.3		26.2		17.0	
160	45.1		54.9		39.2		8000	22.9	27.6	22.8	28.4	14.5	19.7
200	42.8		45.4		37.1		10000	20.4		19.2		11.9	
250	43.3	47.5	52.7	54.1	37.2	41.6	12500	16.4		15.6		8.8	
315	42.1		45.8		36.0		16000	11.3	17.9	11.4	17.5	5.8	11.4
400	41.4		47.6		35.5		20000	6.8		7.6		3.8	
500	41.6	46.0	57.0	58.4	34.8	39.7							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	77.0	72.0	52.5	47.0	44.0	42.5	630	51.0	45.5	39.5	36.5	34.5	34.0
16.0	76.0	70.0	51.0	46.0	44.0	43.5	800	51.0	46.5	40.0	36.5	34.5	34.0
20.0	72.0	68.0	49.0	45.0	43.0	42.0	1000	52.5	48.0	40.0	36.0	34.0	33.5
25.0	71.0	65.0	48.5	45.0	43.5	42.5	1250	51.0	46.0	39.0	35.5	33.0	32.5
31.5	68.5	62.5	51.0	48.5	47.0	46.0	1600	48.0	44.5	37.0	34.0	32.0	31.5
40.0	65.5	60.0	49.0	46.5	44.0	43.0	2000	48.0	43.5	34.5	31.5	30.5	30.0
50.0	65.0	59.5	49.5	47.5	46.0	44.5	2500	45.5	41.0	32.0	29.0	28.0	28.0
63.0	61.0	58.0	49.0	46.5	45.5	45.0	3150	43.5	38.0	29.5	26.5	26.0	26.0
80.0	67.5	64.0	48.0	45.5	44.0	43.5	4000	41.0	35.5	26.5	24.0	23.5	23.0
100	61.0	59.5	47.0	44.5	43.5	43.0	5000	40.5	35.0	24.0	21.0	20.5	20.0
125	58.5	53.5	45.5	43.0	42.0	41.5	6300	40.0	34.0	21.5	18.5	17.0	17.0
160	56.5	51.5	43.5	41.0	39.5	39.0	8000	38.5	33.0	19.5	16.0	0.0	0.0
200	50.5	48.0	41.5	39.0	37.5	37.0	10000	35.0	29.5	17.5	0.0	0.0	0.0
250	53.5	48.5	42.0	39.0	37.5	37.0	12500	30.0	24.5	0.0	0.0	0.0	0.0
315	48.0	46.5	41.0	38.0	36.5	36.0	16000	26.5	19.0	0.0	0.0	0.0	0.0
400	48.5	46.0	40.5	37.5	36.0	35.5	20000	20.0	0.0	0.0	0.0	0.0	0.0
500	56.5	47.5	40.0	37.0	35.0	35.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WDN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WDN1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 02:49:24

Ln Start Level: 15 dB

L0.10	57.2 dBA	L50.00	40.4 dBA	L99.00	39.8 dBA
L1.00	54.1 dBA	L90.00	39.9 dBA	L99.90	39.7 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1204

Current Any Data
Start Time: 23-Feb-2001 02:49:24
Elapsed Time: 00:20:02.0

	A Weight		C Weight		Flat	
Leq:	42.8 dBA		54.8 dBC		55.6 dBF	
SEL:	73.6 dBA		85.6 dBC		86.4 dBF	
Peak:	96.6 dBA		97.0 dBC		97.1 dBF	
	23-Feb-2001	02:49:24	23-Feb-2001	02:49:24	23-Feb-2001	02:49:24
Lmax (slow):	57.3 dBA		75.2 dBC		75.7 dBF	
	23-Feb-2001	02:56:25	23-Feb-2001	02:56:26	23-Feb-2001	02:56:26
Lmin (slow):	39.7 dBA		46.9 dBC		47.7 dBF	
	23-Feb-2001	03:07:14	23-Feb-2001	03:07:47	23-Feb-2001	03:03:14
Lmax (fast):	59.3 dBA		77.0 dBC		77.7 dBF	
	23-Feb-2001	02:49:59	23-Feb-2001	02:56:26	23-Feb-2001	02:56:26
Lmin (fast):	39.2 dBA		45.1 dBC		46.1 dBF	
	23-Feb-2001	02:49:25	23-Feb-2001	03:05:04	23-Feb-2001	03:05:04
Lmax (impulse):	63.1 dBA		79.2 dBC		79.8 dBF	
	23-Feb-2001	02:49:59	23-Feb-2001	02:56:26	23-Feb-2001	02:56:26
Lmin (impulse):	39.5 dBA		47.8 dBC		48.7 dBF	
	23-Feb-2001	02:49:25	23-Feb-2001	03:09:01	23-Feb-2001	03:09:01

Spectra

Date	Time	Run Time
23-Feb-2001	02:49:24	00:20:02.0

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	37.3		41.9		27.5		630	35.6		49.5		29.8	
16.0	35.6	41.0	41.7	48.0	27.5	32.0	800	34.3		44.9		29.3	
20.0	35.4		45.2		26.7		1000	33.6	38.3	43.4	48.0	30.2	34.8
25.0	37.0		51.7		26.3		1250	32.5		40.0		30.6	
31.5	38.2	44.1	53.6	59.4	31.1	36.8	1600	31.2		37.3		29.8	
40.0	41.5		57.0		34.9		2000	29.9	34.7	36.2	40.8	28.5	33.4
50.0	46.8		60.8		41.4		2500	28.2		34.0		27.0	
63.0	51.6	54.7	73.3	75.2	39.7	44.7	3150	25.8		31.0		24.6	
80.0	50.2		70.3		38.1		4000	23.5	28.7	28.2	33.4	22.3	27.5
100	37.5		48.4		33.6		5000	21.1		24.2		20.0	
125	34.5	39.9	51.4	54.5	27.8	34.7	6300	19.3		21.8		18.4	
160	31.1		48.6		19.5		8000	17.6	22.5	19.2	24.5	16.7	21.6
200	31.3		49.2		21.4		10000	15.4		16.9		14.4	
250	33.9	38.2	53.3	56.8	24.3	28.8	12500	11.7		12.8		11.0	
315	34.5		52.7		25.5		16000	7.5	13.7	8.0	14.5	6.7	12.9
400	36.5		55.1		27.3		20000	4.6		4.7		3.8	
500	36.4	41.0	53.0	57.9	28.7	33.5							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	49.0	46.5	34.0	31.0	29.0	0.0	630	50.0	48.0	31.5	30.5	30.0	30.0
16.0	50.0	43.5	33.0	30.5	28.5	0.0	800	46.5	45.5	31.5	31.0	30.5	30.5
20.0	49.5	45.5	31.5	29.0	27.5	0.0	1000	46.0	42.5	31.5	31.0	31.0	30.5
25.0	54.0	49.5	31.5	29.5	28.0	0.0	1250	42.5	39.0	31.5	31.0	30.5	30.5
31.5	55.5	49.5	34.5	33.0	31.5	0.0	1600	37.5	35.5	30.5	30.0	30.0	29.5
40.0	58.0	53.5	38.0	36.5	35.5	0.0	2000	37.0	34.5	29.0	28.5	28.5	28.5
50.0	62.0	59.0	44.5	43.5	42.5	41.5	2500	39.0	33.0	27.5	27.0	27.0	27.0
63.0	73.0	65.5	42.0	41.0	40.0	39.5	3150	36.5	30.5	25.0	24.5	24.5	24.5
80.0	70.5	63.5	40.5	39.5	38.5	38.0	4000	33.5	28.5	22.5	22.5	22.0	22.0
100	54.0	43.0	36.0	35.0	34.0	33.5	5000	29.5	25.5	20.5	20.0	20.0	20.0
125	56.5	40.0	30.0	29.5	28.5	28.0	6300	26.5	23.0	19.0	18.5	18.5	18.5
160	52.0	41.5	24.5	22.5	21.5	21.0	8000	25.0	21.0	17.0	17.0	16.5	16.5
200	50.0	43.5	26.0	24.0	22.5	22.0	10000	21.5	18.0	15.0	0.0	0.0	0.0
250	53.0	47.0	27.5	25.5	24.5	24.0	12500	16.0	0.0	0.0	0.0	0.0	0.0
315	52.0	48.5	28.0	26.5	26.0	25.5	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	54.5	49.5	29.5	28.0	27.5	27.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	53.0	49.5	30.5	29.5	29.0	28.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WDN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WDN2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 22:31:27

Ln Start Level: 15 dB

L0.10	58.3 dBA	L50.00	43.6 dBA	L99.00	41.1 dBA
L1.00	54.3 dBA	L90.00	41.7 dBA	L99.90	40.9 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 26-Feb-2001 22:31:27
Elapsed Time: 00:20:00.8

	A Weight		C Weight		Flat	
Leq:	45.5 dBA		55.5 dBC		57.8 dBF	
SEL:	76.3 dBA		86.3 dBC		88.6 dBF	
Peak:	82.4 dBA		81.2 dBC		85.0 dBF	
	26-Feb-2001	22:39:55	26-Feb-2001	22:32:46	26-Feb-2001	22:34:33
Lmax (slow):	58.7 dBA		69.8 dBC		72.3 dBF	
	26-Feb-2001	22:41:29	26-Feb-2001	22:41:29	26-Feb-2001	22:34:33
Lmin (slow):	40.9 dBA		50.3 dBC		51.3 dBF	
	26-Feb-2001	22:49:05	26-Feb-2001	22:50:58	26-Feb-2001	22:50:58
Lmax (fast):	65.0 dBA		71.8 dBC		77.8 dBF	
	26-Feb-2001	22:32:46	26-Feb-2001	22:41:28	26-Feb-2001	22:34:33
Lmin (fast):	40.6 dBA		48.8 dBC		49.8 dBF	
	26-Feb-2001	22:49:05	26-Feb-2001	22:50:43	26-Feb-2001	22:50:54
Lmax (impulse):	69.2 dBA		73.5 dBC		80.4 dBF	
	26-Feb-2001	22:32:46	26-Feb-2001	22:41:28	26-Feb-2001	22:34:33
Lmin (impulse):	40.9 dBA		51.0 dBC		52.2 dBF	
	26-Feb-2001	22:49:05	26-Feb-2001	22:51:20	26-Feb-2001	22:50:58

Spectra

Date	Time	Run Time
26-Feb-2001	22:31:27	00:20:00.8

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	49.1		58.3		35.5		630	36.9		50.8		31.1	
16.0	48.6	53.0	64.1	66.5	34.1	39.8	800	37.0		49.2		31.5	
20.0	46.5		60.7		35.3		1000	37.4	41.6	48.3	52.5	31.7	36.3
25.0	46.5		63.9		36.9		1250	36.0		44.5		31.5	
31.5	45.2	50.6	57.6	65.6	36.0	41.8	1600	34.3		42.8		30.6	
40.0	45.7		57.9		37.9		2000	32.8	37.5	42.9	46.6	29.0	33.9
50.0	47.3		55.6		41.3		2500	29.9		38.3		27.0	
63.0	48.8	52.3	64.6	65.3	42.4	46.2	3150	28.0		36.2		25.1	
80.0	46.2		51.0		40.4		4000	25.7	30.9	33.0	38.9	22.7	27.8
100	45.1		52.2		36.1		5000	23.3		31.9		19.7	
125	44.1	48.4	48.2	54.2	39.2	42.0	6300	21.4		26.0		17.2	
160	40.5		45.2		35.5		8000	20.2	24.7	21.7	27.8	14.9	20.0
200	39.0		41.9		34.5		10000	17.2		17.8		12.2	
250	38.1	43.0	44.8	49.0	32.5	37.6	12500	13.2		12.3		8.9	
315	37.4		45.3		30.7		16000	8.6	14.9	6.7	13.8	5.5	11.3
400	36.8		48.3		30.4		20000	4.9		4.0		3.5	
500	38.9	42.4	59.2	60.1	31.0	35.6							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	62.0	59.0	45.0	40.0	37.5	0.0	630	49.5	45.5	34.5	32.5	31.5	31.0
16.0	65.0	59.0	44.0	39.5	37.0	0.0	800	49.0	45.5	34.5	32.5	32.0	31.5
20.0	63.5	55.5	43.0	39.5	36.5	0.0	1000	50.0	46.5	34.5	32.5	32.0	31.5
25.0	65.5	54.5	43.5	40.0	37.5	36.5	1250	47.5	44.0	33.5	32.0	31.5	31.5
31.5	58.0	53.5	43.5	40.5	38.5	36.0	1600	45.5	42.0	32.5	31.0	30.5	30.5
40.0	60.5	54.5	44.0	41.0	39.5	37.5	2000	47.0	42.0	30.5	29.5	29.0	29.0
50.0	59.5	56.0	45.5	44.0	42.5	41.5	2500	42.5	37.5	28.0	27.5	27.0	27.0
63.0	66.0	57.5	46.0	44.0	43.0	42.5	3150	42.0	36.5	26.0	25.5	25.0	25.0
80.0	63.0	55.0	44.0	42.0	41.0	40.5	4000	40.0	34.5	23.5	23.0	22.5	22.5
100	57.0	53.0	43.5	42.0	41.0	40.5	5000	38.0	33.0	21.0	20.0	19.5	19.5
125	59.5	52.5	42.0	40.5	39.5	39.0	6300	36.5	32.0	18.5	17.5	17.0	17.0
160	51.5	45.5	39.5	37.5	36.0	35.5	8000	36.5	31.5	16.5	15.0	15.0	0.0
200	48.5	45.0	38.0	36.0	35.0	34.5	10000	32.0	27.5	0.0	0.0	0.0	0.0
250	48.0	44.0	37.0	34.0	33.0	32.5	12500	27.5	22.5	0.0	0.0	0.0	0.0
315	49.5	43.5	36.5	32.5	31.5	31.0	16000	22.0	16.5	0.0	0.0	0.0	0.0
400	48.5	45.0	35.5	32.0	31.0	30.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	58.5	48.0	35.0	32.5	31.0	31.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WED1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WED1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 09:44:08

Ln Start Level: 15 dB

L0.10	59.8 dBA	L50.00	44.5 dBA	L99.00	40.3 dBA
L1.00	52.7 dBA	L90.00	41.4 dBA	L99.90	40.2 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1205

Current Any Data
Start Time: 24-Feb-2001 09:44:08
Elapsed Time: 00:20:03.0

	A Weight		C Weight		Flat	
Leq:	46.3 dBA		58.7 dBC		61.4 dBF	
SEL:	77.1 dBA		89.6 dBC		92.2 dBF	
Peak:	96.6 dBA		97.0 dBC		97.3 dBF	
	24-Feb-2001	09:44:09	24-Feb-2001	09:44:09	24-Feb-2001	09:44:09
Lmax (slow):	59.9 dBA		71.6 dBC		75.0 dBF	
	24-Feb-2001	09:49:20	24-Feb-2001	09:51:47	24-Feb-2001	09:50:40
Lmin (slow):	40.1 dBA		49.8 dBC		51.9 dBF	
	24-Feb-2001	09:54:44	24-Feb-2001	10:02:41	24-Feb-2001	09:54:39
Lmax (fast):	62.4 dBA		73.7 dBC		80.1 dBF	
	24-Feb-2001	09:49:19	24-Feb-2001	10:03:21	24-Feb-2001	09:58:31
Lmin (fast):	39.8 dBA		48.7 dBC		50.1 dBF	
	24-Feb-2001	09:54:44	24-Feb-2001	10:02:41	24-Feb-2001	09:54:39
Lmax (impulse):	63.6 dBA		77.3 dBC		83.8 dBF	
	24-Feb-2001	09:55:03	24-Feb-2001	09:58:31	24-Feb-2001	09:58:31
Lmin (impulse):	39.9 dBA		50.4 dBC		52.7 dBF	
	24-Feb-2001	09:54:44	24-Feb-2001	09:54:39	24-Feb-2001	10:03:11

Spectra

Date	Time	Run Time
24-Feb-2001	09:44:08	00:20:03.0

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	54.5		51.2		39.8		630	38.1		49.6		30.8	
16.0	53.0	57.9	50.0	56.9	37.9	43.3	800	38.4		48.2		30.8	
20.0	51.2		54.2		37.5		1000	38.3	42.6	52.0	54.4	30.7	35.3
25.0	48.9		53.1		36.9		1250	36.7		46.8		30.0	
31.5	48.1	52.9	55.2	60.4	35.7	41.1	1600	35.0		46.5		28.6	
40.0	47.3		57.4		36.4		2000	32.4	37.7	43.0	49.8	27.4	32.3
50.0	48.5		54.6		41.5		2500	30.2		44.8		26.2	
63.0	52.3	56.2	53.1	64.7	42.4	46.3	3150	28.5		42.7		25.3	
80.0	52.5		63.9		40.4		4000	27.1	32.1	41.5	46.1	24.3	29.1
100	49.6		54.7		39.1		5000	26.0		38.8		23.1	
125	46.1	51.5	51.7	57.1	36.5	41.5	6300	27.0		40.4		23.2	
160	39.4		48.1		32.1		8000	27.5	31.0	42.0	44.8	22.4	26.8
200	36.7		45.6		29.8		10000	23.2		35.6		20.0	
250	36.2	41.4	46.6	52.2	29.0	34.1	12500	18.4		25.0		15.8	
315	36.9		49.3		29.2		16000	12.6	19.7	17.6	25.9	10.1	17.1
400	36.5		48.4		29.3		20000	7.1		10.5		5.3	
500	38.6	42.6	59.1	59.9	29.8	34.8							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	70.0	66.5	48.0	43.5	41.0	0.0	630	51.0	46.5	35.5	32.5	31.0	30.5
16.0	70.0	65.0	47.0	43.0	40.5	0.0	800	48.0	44.0	36.5	33.0	31.0	31.0
20.0	67.0	64.0	46.0	42.0	40.0	0.0	1000	52.5	43.5	36.0	32.5	31.0	30.5
25.0	64.0	59.5	45.5	41.5	39.5	0.0	1250	46.5	42.0	35.0	31.0	30.0	30.0
31.5	62.5	57.0	45.5	41.5	39.0	0.0	1600	46.0	40.5	33.5	29.5	29.0	28.5
40.0	59.5	56.0	45.5	41.5	39.0	0.0	2000	42.0	38.0	30.5	28.0	27.5	27.5
50.0	58.0	54.5	47.0	44.5	43.0	41.5	2500	42.5	36.0	28.5	27.0	26.5	26.0
63.0	68.0	63.5	47.5	45.0	43.5	42.5	3150	40.5	34.5	27.0	26.0	25.5	25.0
80.0	67.5	64.5	46.5	42.5	41.5	40.5	4000	39.5	34.0	26.0	24.5	24.5	24.0
100	65.0	60.5	44.5	41.0	39.5	39.0	5000	37.0	32.0	25.0	24.0	23.5	23.0
125	61.0	57.5	41.0	38.5	37.0	36.5	6300	40.5	34.5	25.0	23.5	23.0	23.0
160	53.5	48.5	37.0	34.0	32.5	32.0	8000	42.5	38.0	24.0	23.0	22.5	22.0
200	48.0	44.5	35.0	32.0	30.5	30.0	10000	37.0	30.0	21.5	20.5	20.0	20.0
250	46.5	43.5	34.5	31.5	30.0	29.0	12500	26.5	24.0	17.5	16.5	16.0	15.5
315	49.0	45.5	35.0	31.0	29.5	29.0	16000	20.5	18.0	0.0	0.0	0.0	0.0
400	48.0	44.0	34.5	31.5	30.0	29.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	57.0	46.0	35.0	32.0	30.5	30.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WED2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WED2
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 12:38:31

Ln Start Level: 15 dB

L0.10	56.4 dBA	L50.00	42.3 dBA	L99.00	39.3 dBA
L1.00	51.8 dBA	L90.00	39.8 dBA	L99.90	39.1 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 24-Feb-2001 12:38:31
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	44.4 dBA		56.8 dBC		58.1 dBF	
SEL:	75.2 dBA		87.6 dBC		88.9 dBF	
Peak:	96.8 dBA		97.0 dBC		97.4 dBF	
	24-Feb-2001	12:38:31	24-Feb-2001	12:38:31	24-Feb-2001	12:38:31
Lmax (slow):	56.6 dBA		71.9 dBC		72.3 dBF	
	24-Feb-2001	12:47:49	24-Feb-2001	12:47:49	24-Feb-2001	12:47:49
Lmin (slow):	39.2 dBA		48.9 dBC		50.4 dBF	
	24-Feb-2001	12:55:21	24-Feb-2001	12:53:26	24-Feb-2001	12:42:14
Lmax (fast):	57.9 dBA		73.9 dBC		74.3 dBF	
	24-Feb-2001	12:47:49	24-Feb-2001	12:47:49	24-Feb-2001	12:47:49
Lmin (fast):	38.7 dBA		47.2 dBC		48.8 dBF	
	24-Feb-2001	12:55:16	24-Feb-2001	12:53:26	24-Feb-2001	12:53:52
Lmax (impulse):	60.1 dBA		74.5 dBC		75.0 dBF	
	24-Feb-2001	12:49:47	24-Feb-2001	12:47:49	24-Feb-2001	12:47:49
Lmin (impulse):	38.9 dBA		49.8 dBC		51.1 dBF	
	24-Feb-2001	12:55:16	24-Feb-2001	12:53:31	24-Feb-2001	12:46:13

Spectra

Date	Time	Run Time
24-Feb-2001	12:38:31	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	46.3		44.4		35.7		630	36.0		48.1		29.0	
16.0	45.0	49.8	41.2	47.0	34.9	39.7	800	35.8		47.4		29.0	
20.0	43.1		39.6		34.1		1000	35.9	40.4	43.2	51.0	29.4	33.9
25.0	43.7		44.3		33.8		1250	35.2		47.0		29.0	
31.5	43.2	48.9	42.2	50.5	33.1	38.8	1600	33.5		42.1		28.3	
40.0	45.2		48.3		35.0		2000	31.3	36.5	41.5	46.0	27.3	32.1
50.0	48.2		48.0		41.4		2500	29.6		39.6		26.2	
63.0	48.8	55.7	49.5	71.3	41.8	45.9	3150	28.2		40.0		25.6	
80.0	53.6		71.3		39.9		4000	27.3	32.0	40.6	45.0	24.7	29.4
100	47.7		48.8		37.8		5000	26.0		40.1		23.3	
125	42.8	49.3	46.8	53.4	34.7	40.1	6300	25.1		38.1		22.9	
160	38.6		49.8		30.8		8000	23.6	28.4	37.0	41.1	22.0	26.5
200	33.2		46.8		25.8		10000	21.3		31.1		19.9	
250	33.6	38.4	52.6	54.1	24.3	29.9	12500	17.1		26.5		15.8	
315	34.0		44.5		25.3		16000	11.9	18.5	18.5	27.2	10.4	17.2
400	34.0		43.2		26.6		20000	6.7		9.6		5.4	
500	35.2	39.9	50.6	53.0	28.1	32.8							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	59.5	55.5	43.0	39.5	37.5	0.0	630	50.0	44.0	33.0	30.5	29.5	29.0
16.0	57.0	53.5	42.0	38.5	36.5	0.0	800	46.0	42.5	33.0	30.5	29.5	29.0
20.0	52.0	50.5	41.0	37.5	35.5	0.0	1000	43.5	42.5	33.5	30.0	29.5	29.5
25.0	55.0	52.0	41.5	37.5	36.0	0.0	1250	46.5	42.0	32.5	29.5	29.0	29.0
31.5	53.5	50.5	41.5	37.0	35.5	0.0	1600	41.5	40.0	31.5	28.5	28.5	28.0
40.0	64.5	51.5	42.0	38.5	36.5	0.0	2000	41.0	38.5	29.0	27.5	27.5	27.0
50.0	66.5	57.0	45.0	43.0	42.0	41.5	2500	42.0	39.0	27.5	26.5	26.0	26.0
63.0	64.5	58.0	45.5	43.5	42.5	41.5	3150	41.0	36.0	26.5	26.0	25.5	25.5
80.0	71.0	67.0	45.0	41.5	40.5	40.0	4000	40.5	38.0	25.5	25.0	24.5	24.5
100	65.0	58.5	42.0	39.0	38.5	38.0	5000	40.5	35.5	24.0	23.5	23.5	23.0
125	61.0	51.0	38.5	37.0	36.0	35.5	6300	40.0	33.5	23.5	23.0	23.0	23.0
160	53.0	48.5	34.5	32.0	31.0	30.5	8000	36.5	30.5	22.5	22.0	22.0	22.0
200	45.5	41.5	30.5	27.0	26.0	25.5	10000	31.0	26.0	20.5	20.0	20.0	19.5
250	52.0	41.0	30.5	26.5	25.0	24.5	12500	26.5	20.5	16.5	16.0	16.0	15.5
315	45.0	42.5	31.0	27.5	26.0	25.0	16000	29.0	0.0	0.0	0.0	0.0	0.0
400	48.0	42.0	31.0	28.5	27.0	26.5	20000	24.0	0.0	0.0	0.0	0.0	0.0
500	48.5	43.5	32.0	29.5	28.5	28.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WEN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WEN1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 23:32:51

Ln Start Level: 15 dB

L0.10	65.0 dBA	L50.00	42.7 dBA	L99.00	40.6 dBA
L1.00	60.6 dBA	L90.00	41.2 dBA	L99.90	40.5 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 24-Feb-2001 23:32:51
Elapsed Time: 00:20:01.0

	A Weight		C Weight		Flat	
Leq:	47.6 dBA		59.8 dBC		64.1 dBF	
SEL:	78.4 dBA		90.6 dBC		94.9 dBF	
Peak:	96.7 dBA		96.9 dBC		97.3 dBF	
	24-Feb-2001	23:32:51	24-Feb-2001	23:32:51	24-Feb-2001	23:32:51
Lmax (slow):	65.1 dBA		74.5 dBC		77.2 dBF	
	24-Feb-2001	23:39:56	24-Feb-2001	23:47:42	24-Feb-2001	23:32:52
Lmin (slow):	40.5 dBA		49.5 dBC		51.3 dBF	
	24-Feb-2001	23:52:38	24-Feb-2001	23:35:18	24-Feb-2001	23:35:17
Lmax (fast):	68.3 dBA		76.0 dBC		79.2 dBF	
	24-Feb-2001	23:39:55	24-Feb-2001	23:39:48	24-Feb-2001	23:38:04
Lmin (fast):	40.0 dBA		47.8 dBC		49.7 dBF	
	24-Feb-2001	23:52:38	24-Feb-2001	23:49:26	24-Feb-2001	23:49:26
Lmax (impulse):	69.4 dBA		76.6 dBC		82.8 dBF	
	24-Feb-2001	23:39:55	24-Feb-2001	23:39:48	24-Feb-2001	23:38:04
Lmin (impulse):	40.4 dBA		50.1 dBC		51.9 dBF	
	24-Feb-2001	23:52:34	24-Feb-2001	23:35:17	24-Feb-2001	23:35:17

Spectra

Date	Time	Run Time
24-Feb-2001	23:32:51	00:20:01.0

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	58.8		63.7		37.2		630	39.4		57.7		30.7	
16.0	56.8	61.6	59.1	65.6	36.2	41.2	800	41.8		62.9		31.3	
20.0	53.5		56.4		35.7		1000	39.4	44.7	55.0	63.8	31.5	36.1
25.0	50.1		52.0		34.4		1250	37.4		51.8		31.3	
31.5	46.9	52.7	48.3	54.3	34.1	39.4	1600	35.2		49.1		30.4	
40.0	45.4		46.2		35.4		2000	33.0	38.1	47.6	52.4	29.1	33.9
50.0	46.2		47.8		38.6		2500	30.6		45.3		27.5	
63.0	49.4	55.9	48.1	53.6	42.5	45.7	3150	28.1		41.8		25.6	
80.0	54.2		50.1		40.8		4000	25.6	30.9	38.2	43.7	22.9	28.2
100	50.1		55.4		39.1		5000	23.5		32.8		20.1	
125	48.0	52.8	59.5	63.5	35.3	41.1	6300	22.7		29.5		18.0	
160	44.1		60.0		31.2		8000	22.3	26.9	24.9	31.2	15.9	20.9
200	36.7		46.3		27.2		10000	21.1		20.5		13.5	
250	37.4	42.7	54.5	57.9	25.4	31.3	12500	18.1		17.5		10.0	
315	39.3		54.7		26.8		16000	13.7	19.8	12.8	19.1	6.1	12.2
400	37.4		56.0		28.7		20000	9.1		8.3		3.7	
500	39.6	43.7	56.3	61.5	29.6	34.5							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	68.5	67.0	54.5	45.5	39.5	0.0	630	57.0	52.5	34.0	32.0	31.0	30.5
16.0	70.0	66.0	52.0	43.0	38.5	0.0	800	62.0	54.0	34.0	32.0	31.5	31.0
20.0	66.0	63.0	49.0	41.0	37.5	0.0	1000	56.5	51.0	34.0	32.0	31.5	31.5
25.0	62.5	60.5	45.0	39.5	36.5	0.0	1250	51.5	48.0	33.0	32.0	31.5	31.0
31.5	59.0	56.5	43.0	38.5	36.0	0.0	1600	49.0	45.0	32.0	31.0	30.5	30.5
40.0	58.0	55.5	42.0	38.0	36.0	0.0	2000	48.5	42.0	30.5	29.5	29.0	29.0
50.0	62.0	55.5	43.5	41.5	40.5	39.0	2500	48.0	37.0	28.5	28.0	27.5	27.5
63.0	69.0	60.5	45.5	44.0	43.0	42.5	3150	43.5	33.0	27.0	26.0	25.5	25.5
80.0	73.5	67.0	43.5	42.0	41.5	41.0	4000	40.5	30.5	24.5	23.5	23.0	23.0
100	70.0	63.5	42.5	41.0	40.0	39.0	5000	35.0	28.0	22.5	20.5	20.0	20.0
125	67.5	62.0	38.0	36.5	36.0	35.5	6300	32.5	27.5	21.5	18.5	18.0	18.0
160	64.0	57.5	34.0	32.5	32.0	31.5	8000	30.0	27.5	20.5	17.0	16.0	16.0
200	55.5	48.0	31.5	29.0	27.5	27.0	10000	28.0	26.5	19.5	0.0	0.0	0.0
250	56.0	49.5	31.0	27.5	26.0	25.5	12500	24.5	23.5	16.5	0.0	0.0	0.0
315	58.0	52.0	31.0	28.5	27.0	26.5	16000	23.0	19.5	0.0	0.0	0.0	0.0
400	56.5	48.0	32.0	30.0	29.0	28.5	20000	19.0	0.0	0.0	0.0	0.0	0.0
500	57.5	53.0	33.0	31.0	30.0	29.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML4-WEN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML4-WEN2
Note1:
Note2:

Overall Measurement
Start Time: 25-Feb-2001 02:03:23

Ln Start Level: 15 dB

L0.10	50.2 dBA	L50.00	40.9 dBA	L99.00	39.9 dBA
L1.00	48.0 dBA	L90.00	40.3 dBA	L99.90	39.8 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 25-Feb-2001 02:03:23
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	41.6 dBA		55.0 dBC		61.6 dBF	
SEL:	72.5 dBA		85.8 dBC		92.4 dBF	
Peak:	96.7 dBA		99.1 dBC		101.6 dBF	
	25-Feb-2001	02:03:23	25-Feb-2001	02:03:23	25-Feb-2001	02:03:23
Lmax (slow):	50.8 dBA		66.7 dBC		74.9 dBF	
	25-Feb-2001	02:19:11	25-Feb-2001	02:05:07	25-Feb-2001	02:05:07
Lmin (slow):	39.7 dBA		48.7 dBC		50.0 dBF	
	25-Feb-2001	02:20:36	25-Feb-2001	02:21:11	25-Feb-2001	02:21:11
Lmax (fast):	58.6 dBA		72.6 dBC		80.6 dBF	
	25-Feb-2001	02:19:11	25-Feb-2001	02:05:07	25-Feb-2001	02:05:07
Lmin (fast):	39.5 dBA		47.4 dBC		48.6 dBF	
	25-Feb-2001	02:20:35	25-Feb-2001	02:20:44	25-Feb-2001	02:10:42
Lmax (impulse):	62.4 dBA		75.5 dBC		83.0 dBF	
	25-Feb-2001	02:19:11	25-Feb-2001	02:05:07	25-Feb-2001	02:05:07
Lmin (impulse):	39.7 dBA		49.2 dBC		50.6 dBF	
	25-Feb-2001	02:20:36	25-Feb-2001	02:21:11	25-Feb-2001	02:21:10

Spectra

Date	Time	Run Time
25-Feb-2001	02:03:23	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	56.7		60.4		35.2		630	33.1		40.9		30.3	
16.0	53.7	59.0	52.7	61.2	33.7	38.8	800	33.1		42.3		30.4	
20.0	49.6		45.1		32.9		1000	33.1	37.8	41.8	45.9	31.0	35.4
25.0	46.0		46.4		31.4		1250	32.8		38.3		30.6	
31.5	43.4	48.9	42.4	48.8	33.3	38.1	1600	31.8		41.5		30.0	
40.0	41.8		41.5		34.6		2000	30.0	35.0	43.3	46.0	28.4	33.3
50.0	43.4		44.6		39.4		2500	27.9		36.2		26.4	
63.0	45.1	49.2	44.8	49.4	41.3	45.2	3150	25.8		38.1		24.3	
80.0	44.5		44.5		40.5		4000	23.3	28.6	35.5	40.9	21.8	27.1
100	42.4		41.8		39.7		5000	21.3		33.8		19.6	
125	38.5	44.3	38.3	43.8	35.9	41.6	6300	19.5		33.0		17.0	
160	34.0		32.7		30.5		8000	18.0	22.9	29.2	35.0	15.2	20.1
200	31.1		30.5		27.9		10000	16.1		25.7		12.8	
250	30.4	35.3	28.3	35.1	25.3	31.4	12500	12.5		19.2		9.5	
315	30.1		31.5		26.2		16000	8.2	14.4	11.2	20.0	6.0	11.8
400	31.0		31.3		28.0		20000	4.9		5.0		3.6	
500	32.8	37.2	35.7	42.4	29.3	34.1							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	69.5	66.0	52.0	42.0	37.0	0.0	630	43.5	40.5	32.0	31.0	30.5	30.0
16.0	64.5	62.5	49.5	40.0	35.0	0.0	800	42.5	41.0	32.0	31.0	30.5	30.5
20.0	61.5	58.5	45.0	37.5	34.5	0.0	1000	40.5	39.5	32.0	31.5	31.0	31.0
25.0	58.5	54.5	42.5	36.5	34.0	0.0	1250	42.5	39.0	32.0	31.5	31.0	30.5
31.5	54.0	51.0	41.0	36.5	34.0	0.0	1600	42.0	37.5	31.0	30.5	30.0	30.0
40.0	52.0	48.0	40.5	37.5	35.5	0.0	2000	38.5	35.0	29.5	29.0	28.5	28.0
50.0	54.5	48.0	42.5	41.0	40.0	39.0	2500	34.5	31.5	27.5	27.0	26.5	26.5
63.0	52.5	47.5	44.5	43.5	43.0	41.5	3150	33.5	28.5	25.5	24.5	24.5	24.0
80.0	60.0	50.0	43.0	42.0	41.5	40.5	4000	32.0	26.0	22.5	22.0	22.0	21.5
100	50.5	45.0	42.0	41.0	40.0	39.5	5000	30.0	24.5	20.5	20.0	19.5	19.5
125	44.5	40.5	38.0	37.0	36.5	36.0	6300	28.5	23.0	19.0	17.5	17.0	17.0
160	39.0	37.5	33.5	32.0	31.5	31.0	8000	26.5	22.0	17.0	15.5	15.0	15.0
200	36.0	34.5	30.5	29.0	28.0	28.0	10000	24.5	20.0	15.0	0.0	0.0	0.0
250	40.5	36.5	29.0	26.5	25.5	25.0	12500	19.0	17.0	0.0	0.0	0.0	0.0
315	37.0	34.0	29.0	27.0	26.5	26.0	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	40.0	35.5	30.0	28.5	28.0	28.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	44.5	41.5	31.5	30.0	29.5	29.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WDD1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WDD1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 12:02:28

Ln Start Level: 15 dB

L0.10	55.6 dBA	L50.00	41.9 dBA	L99.00	37.8 dBA
L1.00	53.1 dBA	L90.00	38.8 dBA	L99.90	37.6 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 23-Feb-2001 12:02:28
Elapsed Time: 00:20:01.7

	A Weight	C Weight	Flat
Leq:	43.6 dBA	50.9 dBC	56.5 dBF
SEL:	74.4 dBA	81.8 dBC	87.3 dBF
Peak:	98.1 dBA	100.5 dBC	100.5 dBF
	23-Feb-2001 12:02:29	23-Feb-2001 12:02:29	23-Feb-2001 12:02:29
Lmax (slow):	55.7 dBA	65.4 dBC	74.2 dBF
	23-Feb-2001 12:08:05	23-Feb-2001 12:07:07	23-Feb-2001 12:07:12
Lmin (slow):	37.6 dBA	43.7 dBC	45.7 dBF
	23-Feb-2001 12:18:44	23-Feb-2001 12:18:32	23-Feb-2001 12:18:32
Lmax (fast):	58.2 dBA	71.1 dBC	81.2 dBF
	23-Feb-2001 12:07:59	23-Feb-2001 12:07:12	23-Feb-2001 12:07:12
Lmin (fast):	36.8 dBA	42.2 dBC	44.2 dBF
	23-Feb-2001 12:18:44	23-Feb-2001 12:18:32	23-Feb-2001 12:18:31
Lmax (impulse):	61.4 dBA	74.1 dBC	83.6 dBF
	23-Feb-2001 12:03:19	23-Feb-2001 12:07:07	23-Feb-2001 12:07:12
Lmin (impulse):	37.5 dBA	44.2 dBC	46.7 dBF
	23-Feb-2001 12:18:42	23-Feb-2001 12:18:32	23-Feb-2001 12:18:31

Spectra

Date	Time	Run Time
23-Feb-2001	12:02:28	00:20:01.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	50.8		56.0		35.5		630	37.9		54.3		30.0	
16.0	48.3	53.4	53.1	59.1	35.1	39.8	800	36.6		47.9		30.2	
20.0	45.1		53.2		34.3		1000	35.7	40.2	47.2	51.4	29.3	33.9
25.0	43.8		51.5		34.2		1250	33.4		43.5		27.3	
31.5	41.8	46.8	46.9	53.1	33.5	37.9	1600	30.1		38.4		24.1	
40.0	39.4		41.4		31.2		2000	25.1	31.7	30.4	39.1	21.2	26.6
50.0	35.0		38.3		25.0		2500	21.6		22.5		18.0	
63.0	32.8	38.2	35.2	41.4	24.7	29.9	3150	19.4		17.8		14.6	
80.0	31.8		35.8		25.6		4000	17.7	22.8	14.6	20.4	11.4	17.2
100	32.9		35.4		24.0		5000	16.3		13.2		9.7	
125	33.4	37.8	36.3	40.9	24.6	29.7	6300	15.6		13.1		8.9	
160	32.7		36.7		26.0		8000	14.7	19.4	12.3	17.2	9.3	13.9
200	34.3		40.9		27.8		10000	13.2		11.7		9.1	
250	37.5	41.1	41.9	46.1	29.5	33.7	12500	10.6		9.5		7.6	
315	36.6		41.2		29.3		16000	8.2	13.7	7.4	12.7	6.1	11.2
400	37.0		44.5		29.8		20000	7.1		6.3		5.3	
500	38.5	42.6	50.1	56.0	29.3	34.5							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	66.5	62.0	44.0	40.5	38.0	0.0	630	54.0	49.5	34.5	31.5	30.5	30.0
16.0	63.5	59.0	43.0	39.5	37.0	0.0	800	47.0	44.5	35.0	31.5	30.5	30.0
20.0	57.5	54.5	41.5	38.5	36.5	0.0	1000	47.0	43.5	34.0	30.5	29.5	29.0
25.0	56.0	53.0	41.0	38.0	36.0	0.0	1250	43.0	40.5	32.0	28.5	27.5	27.0
31.5	54.0	50.5	39.5	36.5	35.0	0.0	1600	39.5	37.0	28.5	26.0	25.0	24.0
40.0	51.0	48.5	37.0	34.0	32.5	0.0	2000	38.0	31.5	24.0	22.5	21.5	21.0
50.0	45.5	42.5	33.0	30.5	28.0	27.5	2500	34.5	29.0	20.0	19.0	18.0	18.0
63.0	45.5	40.0	30.5	28.5	27.0	26.0	3150	32.5	28.0	17.0	15.5	0.0	0.0
80.0	44.5	41.5	29.5	27.5	26.5	25.5	4000	32.5	28.0	0.0	0.0	0.0	0.0
100	52.5	42.0	28.5	26.0	25.0	24.0	5000	31.5	26.5	0.0	0.0	0.0	0.0
125	46.0	43.5	29.0	26.5	25.5	24.5	6300	29.0	24.5	0.0	0.0	0.0	0.0
160	46.5	41.0	30.5	28.5	27.0	26.0	8000	28.0	23.5	0.0	0.0	0.0	0.0
200	44.5	42.0	32.0	30.0	28.5	28.0	10000	25.0	20.5	0.0	0.0	0.0	0.0
250	52.0	46.5	34.0	31.5	30.0	29.5	12500	19.0	16.5	0.0	0.0	0.0	0.0
315	48.0	45.5	34.5	31.5	30.0	29.5	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	49.0	45.0	34.5	31.5	30.0	30.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	53.0	49.5	34.0	31.5	30.0	29.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WDD2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WDD2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 14:16:47

Ln Start Level: 15 dB

L0.10	54.3 dBA	L50.00	45.2 dBA	L99.00	42.2 dBA
L1.00	52.2 dBA	L90.00	43.0 dBA	L99.90	41.9 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 26-Feb-2001 14:16:47
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	46.1 dBA		55.6 dBC		60.0 dBF	
SEL:	76.9 dBA		86.4 dBC		90.8 dBF	
Peak:	97.0 dBA		97.4 dBC		97.9 dBF	
	26-Feb-2001	14:16:47	26-Feb-2001	14:16:47	26-Feb-2001	14:16:47
Lmax (slow):	54.6 dBA		73.1 dBC		80.0 dBF	
	26-Feb-2001	14:30:17	26-Feb-2001	14:30:14	26-Feb-2001	14:30:14
Lmin (slow):	41.8 dBA		49.6 dBC		51.5 dBF	
	26-Feb-2001	14:22:03	26-Feb-2001	14:21:35	26-Feb-2001	14:21:35
Lmax (fast):	61.4 dBA		78.1 dBC		85.6 dBF	
	26-Feb-2001	14:30:17	26-Feb-2001	14:30:14	26-Feb-2001	14:30:14
Lmin (fast):	41.2 dBA		48.4 dBC		49.8 dBF	
	26-Feb-2001	14:22:01	26-Feb-2001	14:21:35	26-Feb-2001	14:21:35
Lmax (impulse):	65.1 dBA		79.8 dBC		87.8 dBF	
	26-Feb-2001	14:30:21	26-Feb-2001	14:30:14	26-Feb-2001	14:30:14
Lmin (impulse):	41.5 dBA		49.5 dBC		52.1 dBF	
	26-Feb-2001	14:22:02	26-Feb-2001	14:21:35	26-Feb-2001	14:21:35

Spectra

Date	Time	Run Time
26-Feb-2001	14:16:47	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	54.8		69.9		41.7		630	38.8		47.3		34.0	
16.0	53.2	58.0	68.4	73.3	40.9	45.9	800	38.6		44.8		33.4	
20.0	50.8		66.8		40.6		1000	37.2	42.1	45.1	49.3	32.1	36.9
25.0	48.7		61.9		40.1		1250	35.5		43.5		30.2	
31.5	47.0	51.9	59.5	64.3	39.5	44.2	1600	32.9		41.5		27.6	
40.0	45.1		54.1		38.7		2000	29.2	35.1	39.4	45.4	24.6	30.0
50.0	44.6		50.5		37.7		2500	26.5		40.7		21.1	
63.0	44.9	48.6	51.6	55.6	35.7	40.7	3150	27.0		39.5		17.6	
80.0	41.2		50.2		33.4		4000	24.6	29.8	36.3	42.2	14.6	20.1
100	39.0		50.7		30.0		5000	22.3		35.4		11.9	
125	39.6	44.5	49.5	54.4	34.0	38.3	6300	21.5		34.5		10.7	
160	40.4		48.5		35.1		8000	20.6	25.1	33.4	38.0	10.1	14.8
200	41.6		46.4		34.6		10000	18.2		31.1		9.3	
250	42.5	46.6	48.7	52.8	37.4	40.9	12500	14.3		26.9		7.6	
315	41.2		48.6		36.0		16000	9.5	16.0	19.8	27.8	5.3	10.6
400	40.3		48.8		34.7		20000	5.6		12.8		3.7	
500	40.1	44.6	47.1	52.6	34.3	39.1							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	71.5	66.5	48.5	45.0	43.0	0.0	630	47.5	45.5	37.5	35.0	34.0	34.0
16.0	70.0	65.0	47.0	44.0	42.0	0.0	800	48.0	45.5	37.0	34.5	33.5	33.5
20.0	68.5	62.5	45.5	42.5	41.0	0.0	1000	46.5	44.0	36.0	33.0	32.5	32.0
25.0	65.0	59.0	45.5	43.0	41.5	0.0	1250	44.0	41.0	34.5	31.5	30.5	30.0
31.5	63.5	56.5	44.5	42.0	40.5	0.0	1600	44.5	40.5	31.5	29.0	28.0	27.5
40.0	58.0	52.0	43.5	41.0	39.5	0.0	2000	42.5	37.0	27.5	26.0	25.0	24.5
50.0	61.0	56.0	41.5	39.5	38.0	37.5	2500	40.5	35.0	24.5	23.0	21.5	21.0
63.0	64.0	56.5	39.5	37.5	36.5	36.0	3150	39.5	36.0	21.5	19.5	18.5	17.5
80.0	59.0	53.0	37.5	35.5	34.5	33.5	4000	38.5	34.0	19.5	16.0	15.0	0.0
100	54.5	48.0	36.5	34.0	33.0	32.0	5000	38.0	33.0	17.5	0.0	0.0	0.0
125	49.5	47.5	37.5	35.5	34.5	34.0	6300	37.0	31.5	17.0	0.0	0.0	0.0
160	50.0	46.5	39.0	37.0	35.5	35.0	8000	36.0	31.0	16.0	0.0	0.0	0.0
200	46.5	45.5	41.0	38.5	37.0	36.5	10000	32.5	28.5	0.0	0.0	0.0	0.0
250	48.5	47.0	41.5	39.0	37.5	37.5	12500	27.5	24.5	0.0	0.0	0.0	0.0
315	50.0	47.5	40.0	37.5	36.5	36.0	16000	21.0	18.0	0.0	0.0	0.0	0.0
400	48.5	46.5	39.0	36.5	35.5	34.5	20000	15.0	0.0	0.0	0.0	0.0	0.0
500	50.5	48.5	38.0	36.0	35.0	34.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WDN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WDN1
Note1:
Note2:

Overall Measurement
Start Time: 23-Feb-2001 03:21:12

Ln Start Level: 15 dB

L0.10	53.4 dBA	L50.00	34.0 dBA	L99.00	33.1 dBA
L1.00	46.4 dBA	L90.00	33.3 dBA	L99.90	33.0 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1207

Current Any Data
Start Time: 23-Feb-2001 03:21:12
Elapsed Time: 00:20:05.2

	A Weight		C Weight		Flat	
Leq:	36.6 dBA		42.2 dBC		44.1 dBF	
SEL:	67.4 dBA		73.0 dBC		74.9 dBF	
Peak:	96.7 dBA		97.0 dBC		97.1 dBF	
	23-Feb-2001	03:21:13	23-Feb-2001	03:21:13	23-Feb-2001	03:21:13
Lmax (slow):	54.3 dBA		59.4 dBC		59.7 dBF	
	23-Feb-2001	03:21:14	23-Feb-2001	03:21:14	23-Feb-2001	03:21:14
Lmin (slow):	33.0 dBA		35.8 dBC		37.4 dBF	
	23-Feb-2001	03:36:07	23-Feb-2001	03:23:03	23-Feb-2001	03:23:03
Lmax (fast):	55.9 dBA		61.5 dBC		62.6 dBF	
	23-Feb-2001	03:21:43	23-Feb-2001	03:34:35	23-Feb-2001	03:34:35
Lmin (fast):	32.5 dBA		35.3 dBC		36.4 dBF	
	23-Feb-2001	03:36:21	23-Feb-2001	03:23:37	23-Feb-2001	03:23:18
Lmax (impulse):	60.1 dBA		65.8 dBC		66.9 dBF	
	23-Feb-2001	03:21:43	23-Feb-2001	03:34:35	23-Feb-2001	03:34:35
Lmin (impulse):	32.8 dBA		35.9 dBC		37.4 dBF	
	23-Feb-2001	03:36:07	23-Feb-2001	03:23:03	23-Feb-2001	03:23:03

Spectra

Date	Time	Run Time
23-Feb-2001	03:21:12	00:20:05.2

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	34.5		---		25.8		630	30.3		41.8		25.7	
16.0	36.9	40.5	---	---	27.2	30.9	800	28.9		41.9		25.7	
20.0	35.4		---		25.0		1000	27.2	32.2	43.7	47.0	24.7	29.5
25.0	34.8		---		24.4		1250	25.5		40.3		23.7	
31.5	36.7	39.4	---	---	22.8	27.4	1600	23.6		37.7		21.8	
40.0	30.2		---		18.9		2000	21.8	26.8	37.3	41.3	19.6	24.6
50.0	27.6		---		14.7		2500	19.7		33.2		16.7	
63.0	28.1	33.2	---	---	15.1	19.2	3150	17.3		32.1		13.6	
80.0	29.4		---		13.2		4000	15.2	20.4	29.2	34.5	10.8	16.3
100	22.6		23.9		11.6		5000	13.5		25.6		9.1	
125	23.8	28.6	23.0	27.6	10.0	16.1	6300	12.4		24.4		8.9	
160	24.8		21.0		12.2		8000	12.1	16.6	22.2	26.9	9.2	13.8
200	25.4		22.8		14.1		10000	10.7		17.0		9.0	
250	29.2	33.6	23.9	28.7	18.5	23.2	12500	8.5		12.3		7.4	
315	30.4		24.8		20.5		16000	6.1	11.4	7.9	14.3	5.1	10.4
400	32.0		37.3		23.1		20000	4.2		5.4		3.4	
500	31.3	36.0	43.4	46.3	24.9	29.5							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	47.0	42.0	32.0	29.0	27.5	0.0	630	43.0	40.5	27.0	26.5	26.0	25.5
16.0	49.0	45.5	33.5	31.0	29.0	0.0	800	41.0	37.0	26.5	26.0	25.5	25.5
20.0	48.0	45.5	31.0	28.0	26.0	0.0	1000	39.0	32.0	26.0	25.5	25.0	24.5
25.0	48.5	46.5	29.0	27.0	25.5	0.0	1250	35.5	29.5	24.5	24.0	24.0	23.5
31.5	48.5	46.5	35.0	25.5	24.0	0.0	1600	35.5	29.5	23.0	22.0	22.0	21.5
40.0	46.0	42.0	23.5	21.0	19.5	0.0	2000	36.5	29.5	20.5	20.0	19.5	19.5
50.0	46.5	39.0	20.0	17.5	16.0	15.0	2500	36.5	27.5	17.5	17.0	16.5	16.5
63.0	45.0	41.0	21.0	17.5	16.0	15.0	3150	34.5	27.0	0.0	0.0	0.0	0.0
80.0	44.0	42.5	20.5	16.5	0.0	0.0	4000	32.0	27.0	0.0	0.0	0.0	0.0
100	40.5	31.5	17.5	0.0	0.0	0.0	5000	29.5	25.0	0.0	0.0	0.0	0.0
125	38.0	33.5	18.0	0.0	0.0	0.0	6300	29.5	22.5	0.0	0.0	0.0	0.0
160	38.5	34.5	19.5	0.0	0.0	0.0	8000	29.5	21.0	0.0	0.0	0.0	0.0
200	38.5	36.0	19.5	16.5	15.0	0.0	10000	24.5	16.5	0.0	0.0	0.0	0.0
250	43.5	42.0	21.5	19.5	19.0	18.5	12500	18.5	0.0	0.0	0.0	0.0	0.0
315	45.0	42.5	23.0	22.0	21.0	20.5	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	46.5	44.0	25.0	24.0	23.5	23.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	44.5	43.0	26.5	25.5	25.0	25.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WDN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WDN2
Note1:
Note2:

Overall Measurement
Start Time: 26-Feb-2001 22:02:31

Ln Start Level: 15 dB
L0.10 55.3 ~~54.3~~ dBA L50.00 38.5 dBA L99.00 36.6 dBA
L1.00 50.1 ~~50.2~~ dBA L90.00 37.1 dBA L99.90 36.4 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1296

Current Any Data
Start Time: 26-Feb-2001 22:02:31
Elapsed Time: 00:21:32.5

	A Weight		C Weight		Flat	
Leq:	41.0 ~~62.6~~ dBA		62.8 dBC		63.2 dBF	
SEL:	93.7 dBA		93.9 dBC		94.4 dBF	
Peak:	96.7 dBA		97.3 dBC		98.3 dBF	
	26-Feb-2001 22:29:34	26-Feb-2001 22:29:34		26-Feb-2001 22:29:34		
Lmax (slow):	54.8 ~~93.6~~ dBA		93.7 dBC		94.1 dBF	
	26-Feb-2001 22:29:34	26-Feb-2001 22:29:34		26-Feb-2001 22:29:34		
Lmin (slow):	36.4 dBA		43.1 dBC		45.2 dBF	
	26-Feb-2001 22:20:35	26-Feb-2001 22:17:26		26-Feb-2001 22:20:28		
Lmax (fast):	93.7 dBA		93.7 dBC		93.8 dBF	
	26-Feb-2001 22:29:34	26-Feb-2001 22:29:34		26-Feb-2001 22:29:34		
Lmin (fast):	35.9 dBA		42.2 dBC		43.5 dBF	
	26-Feb-2001 22:20:35	26-Feb-2001 22:17:24		26-Feb-2001 22:20:28		
Lmax (impulse):	93.7 dBA		93.7 dBC		93.8 dBF	
	26-Feb-2001 22:29:34	26-Feb-2001 22:29:34		26-Feb-2001 22:29:34		
Lmin (impulse):	36.4 dBA		43.4 dBC		45.8 dBF	
	26-Feb-2001 22:20:36	26-Feb-2001 22:20:28		26-Feb-2001 22:20:25		

Spectra
Date Time Run Time
26-Feb-2001 22:02:31 00:21:32.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	55.0		80.9		35.8		630	32.7		38.4		28.7	
16.0	51.8	57.5	79.9	84.2	33.8	39.0	800	34.0		40.3		28.9	
20.0	49.6		76.3		32.6		1000	62.6	62.6	93.7	93.7	28.2	32.7
25.0	45.9		72.5		32.5		1250	31.2		49.1		26.5	
31.5	42.3	48.2	68.6	74.5	33.3	37.6	1600	29.8		26.4		24.5	
40.0	40.0		64.8		32.5		2000	28.5	32.8	51.0	51.0	22.1	27.2
50.0	39.5		62.3		30.9		2500	24.1		20.0		18.8	
63.0	38.6	43.9	54.7	63.4	29.8	34.6	3150	22.1		23.3		16.0	
80.0	39.1		52.5		28.4		4000	20.5	25.7	20.5	25.9	12.5	18.3
100	36.3		47.4		26.7		5000	19.9		18.1		10.0	
125	36.7	40.5	45.3	50.3	25.5	31.0	6300	17.7		21.1		9.0	
160	33.7		42.7		26.3		8000	17.8	21.9	21.2	25.9	8.9	13.6
200	33.5		40.4		27.5		10000	15.5		21.1		8.6	
250	34.1	38.4	36.6	42.9	28.3	32.9	12500	11.9		18.6		7.1	
315	33.4		35.8		28.6		16000	7.5	13.9	22.4	27.1	5.0	10.2
400	32.5		41.1		28.3		20000	5.2		24.2		3.4	
500	32.4	37.3	45.3	47.3	28.7	33.3							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	103.5	67.5	41.0	38.5	36.5	0.0	630	80.0	42.0	31.0	29.5	29.0	26.5
16.0	107.0	65.5	40.0	37.5	35.0	0.0	800	77.5	46.5	31.0	29.5	29.0	28.5
20.0	102.5	62.5	38.5	36.0	33.5	0.0	1000	93.5	77.0	30.0	29.0	28.5	28.0
25.0	100.0	58.0	38.0	35.5	34.0	0.0	1250	72.5	48.5	28.5	27.5	27.0	26.5
31.5	99.5	54.5	37.5	35.5	34.0	0.0	1600	71.0	42.5	26.0	25.0	24.5	19.0
40.0	99.5	51.5	37.0	34.5	33.5	0.0	2000	72.0	51.0	23.5	22.5	22.0	22.0
50.0	97.5	52.0	35.0	32.5	31.5	0.0	2500	75.0	38.0	20.5	19.5	19.0	15.5
63.0	96.0	52.5	33.0	31.5	30.5	0.0	3150	71.5	37.5	17.5	16.5	16.0	16.0
80.0	92.5	57.5	32.0	30.0	29.0	0.0	4000	67.5	37.0	0.0	0.0	0.0	0.0
100	89.5	49.0	30.0	28.5	27.5	22.5	5000	64.0	37.0	0.0	0.0	0.0	0.0
125	87.5	48.0	29.5	27.5	26.0	19.0	6300	62.5	34.5	0.0	0.0	0.0	0.0
160	87.5	45.0	29.5	27.5	26.5	0.0	8000	62.5	35.0	0.0	0.0	0.0	0.0
200	86.5	43.0	31.0	29.0	28.0	16.5	10000	56.5	32.0	0.0	0.0	0.0	0.0
250	85.5	42.5	32.5	30.0	29.0	0.0	12500	52.5	29.0	0.0	0.0	0.0	0.0
315	83.0	42.5	32.0	29.5	29.0	0.0	16000	49.5	23.0	0.0	0.0	0.0	0.0
400	84.0	40.5	31.0	29.0	28.5	0.0	20000	45.0	24.0	0.0	0.0	0.0	0.0
500	79.0	40.5	31.5	29.5	29.0	15.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WED1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WED1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 10:13:12

Ln Start Level: 15 dB

L0.10	50.3 dBA	L50.00	39.5 dBA	L99.00	34.9 dBA
L1.00	47.8 dBA	L90.00	36.4 dBA	L99.90	34.6 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 24-Feb-2001 10:13:12
Elapsed Time: 00:20:01.5

	A Weight	C Weight	Flat
Leq:	40.9 dBA	49.4 dBC	53.2 dBF
SEL:	71.7 dBA	80.2 dBC	84.0 dBF
Peak:	96.6 dBA	97.4 dBC	99.3 dBF
	24-Feb-2001 10:13:12	24-Feb-2001 10:13:12	24-Feb-2001 10:13:12
Lmax (slow):	50.9 dBA	61.1 dBC	65.0 dBF
	24-Feb-2001 10:25:11	24-Feb-2001 10:25:11	24-Feb-2001 10:25:11
Lmin (slow):	34.5 dBA	41.0 dBC	44.1 dBF
	24-Feb-2001 10:26:50	24-Feb-2001 10:32:36	24-Feb-2001 10:32:36
Lmax (fast):	58.4 dBA	65.3 dBC	68.9 dBF
	24-Feb-2001 10:25:11	24-Feb-2001 10:25:11	24-Feb-2001 10:25:11
Lmin (fast):	34.0 dBA	39.7 dBC	41.6 dBF
	24-Feb-2001 10:26:50	24-Feb-2001 10:32:33	24-Feb-2001 10:17:49
Lmax (impulse):	61.9 dBA	67.2 dBC	70.4 dBF
	24-Feb-2001 10:25:11	24-Feb-2001 10:25:11	24-Feb-2001 10:25:11
Lmin (impulse):	34.3 dBA	42.0 dBC	46.1 dBF
	24-Feb-2001 10:26:50	24-Feb-2001 10:32:35	24-Feb-2001 10:32:40

Spectra

Date	Time	Run Time
24-Feb-2001	10:13:12	00:20:01.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	46.8		52.5		34.7		630	35.0		44.1		27.2	
16.0	48.0	51.6	61.4	63.2	35.8	40.0	800	34.2		44.5		27.1	
20.0	45.4		57.1		35.1		1000	31.9	37.0	40.6	46.5	26.0	30.7
25.0	44.4		54.1		34.5		1250	29.1		37.4		24.4	
31.5	42.4	47.5	49.8	57.2	32.8	37.5	1600	25.8		34.9		21.9	
40.0	40.5		52.3		29.4		2000	23.7	28.7	33.5	38.2	20.2	25.2
50.0	40.2		44.2		25.3		2500	21.1		31.2		18.4	
63.0	34.4	41.5	38.1	46.0	24.5	29.0	3150	19.8		30.4		16.4	
80.0	29.8		38.2		22.3		4000	19.0	23.7	28.3	33.2	15.2	20.1
100	28.4		29.1		18.1		5000	17.7		24.9		14.0	
125	28.4	33.4	33.1	37.8	19.7	24.1	6300	17.3		22.7		13.4	
160	29.0		35.0		20.0		8000	16.8	21.2	21.6	25.9	12.6	17.3
200	31.8		33.6		21.6		10000	14.8		17.7		11.3	
250	34.7	39.2	37.8	44.2	23.3	28.3	12500	11.3		14.6		8.5	
315	35.8		42.5		25.1		16000	7.2	13.3	10.2	16.4	5.4	11.1
400	35.2		43.4		26.2		20000	4.4		6.5		3.5	
500	36.0	40.2	48.1	50.5	27.0	31.6							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	57.0	55.0	44.5	41.0	38.5	0.0	630	44.5	43.0	32.5	29.0	27.5	27.0
16.0	63.0	58.0	44.0	40.5	38.0	0.0	800	42.5	40.0	32.5	29.0	27.5	27.0
20.0	59.0	57.0	42.0	38.5	36.5	0.0	1000	40.5	37.5	30.5	27.5	26.0	26.0
25.0	55.5	54.0	42.5	38.5	35.5	0.0	1250	43.0	35.0	28.0	25.0	24.5	24.0
31.5	54.0	50.5	40.5	37.0	34.5	0.0	1600	38.0	32.5	24.5	23.0	22.5	22.0
40.0	52.5	50.0	38.0	34.0	31.5	0.0	2000	39.0	33.0	22.0	21.0	20.5	20.0
50.0	60.0	52.5	33.0	29.5	27.0	25.5	2500	34.0	29.0	19.5	19.0	18.5	18.0
63.0	53.5	44.0	30.0	27.0	25.5	24.5	3150	34.0	27.5	18.0	17.0	16.5	16.5
80.0	41.0	38.5	27.5	24.5	23.0	22.0	4000	33.5	28.0	17.0	15.5	15.0	15.0
100	43.0	39.0	25.5	22.0	19.0	18.0	5000	30.5	24.5	15.5	0.0	0.0	0.0
125	42.5	38.0	25.5	22.5	20.5	19.5	6300	27.5	23.5	15.5	0.0	0.0	0.0
160	41.5	36.5	27.0	24.0	21.5	20.0	8000	28.0	23.5	0.0	0.0	0.0	0.0
200	44.5	40.0	29.5	25.5	23.0	21.5	10000	24.5	20.0	0.0	0.0	0.0	0.0
250	49.0	43.0	32.0	27.5	25.0	23.5	12500	18.0	16.0	0.0	0.0	0.0	0.0
315	47.5	45.5	33.0	28.5	25.5	25.0	16000	0.0	0.0	0.0	0.0	0.0	0.0
400	45.0	43.0	33.5	29.0	26.5	26.0	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	47.5	45.5	33.5	29.5	27.5	27.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WED2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WED2
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 13:05:19

Ln Start Level: 15 dB

L0.10	60.3 dBA	L50.00	37.0 dBA	L99.00	33.9 dBA
L1.00	50.0 dBA	L90.00	34.7 dBA	L99.90	33.6 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1203

Current Any Data
Start Time: 24-Feb-2001 13:05:19
Elapsed Time: 00:20:01.0

	A Weight		C Weight		Flat	
Leq:	40.2 dBA		50.6 dBC		52.4 dBF	
SEL:	71.0 dBA		81.4 dBC		83.2 dBF	
Peak:	96.9 dBA		98.3 dBC		99.5 dBF	
	24-Feb-2001	13:05:19	24-Feb-2001	13:05:19	24-Feb-2001	13:05:19
Lmax (slow):	60.4 dBA		72.3 dBC		73.4 dBF	
	24-Feb-2001	13:06:04	24-Feb-2001	13:06:04	24-Feb-2001	13:06:04
Lmin (slow):	33.6 dBA		40.1 dBC		43.2 dBF	
	24-Feb-2001	13:22:58	24-Feb-2001	13:24:29	24-Feb-2001	13:24:38
Lmax (fast):	62.5 dBA		74.3 dBC		75.5 dBF	
	24-Feb-2001	13:06:04	24-Feb-2001	13:06:02	24-Feb-2001	13:06:02
Lmin (fast):	33.2 dBA		38.7 dBC		41.5 dBF	
	24-Feb-2001	13:22:57	24-Feb-2001	13:24:25	24-Feb-2001	13:24:25
Lmax (impulse):	63.2 dBA		74.8 dBC		76.1 dBF	
	24-Feb-2001	13:06:04	24-Feb-2001	13:06:02	24-Feb-2001	13:06:02
Lmin (impulse):	33.4 dBA		41.0 dBC		44.5 dBF	
	24-Feb-2001	13:24:36	24-Feb-2001	13:24:28	24-Feb-2001	13:24:38

Spectra

Date	Time	Run Time
24-Feb-2001	13:05:19	00:20:01.0

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	41.9		52.3		32.7		630	32.5		49.6		26.2	
16.0	41.2	45.8	49.6	56.2	32.7	37.4	800	32.1		48.2		26.1	
20.0	39.8		51.9		32.5		1000	30.7	35.5	48.4	52.9	24.9	29.6
25.0	40.8		52.6		31.4		1250	28.7		47.7		23.0	
31.5	43.7	49.2	52.7	69.9	31.1	35.1	1600	27.4		48.9		21.3	
40.0	46.7		69.7		27.4		2000	27.2	31.8	49.0	53.8	19.4	24.5
50.0	45.7		63.2		21.7		2500	26.3		49.1		17.7	
63.0	37.5	46.7	50.3	65.9	19.3	24.4	3150	25.2		48.6		16.0	
80.0	36.2		62.4		16.5		4000	24.4	29.4	48.7	53.5	14.3	19.4
100	38.5		55.1		14.4		5000	24.2		49.0		13.0	
125	35.0	40.8	55.6	60.1	15.2	19.9	6300	23.7		48.7		12.5	
160	32.2		55.3		15.8		8000	22.4	27.1	47.6	52.2	12.0	16.6
200	32.5		52.0		18.4		10000	20.1		45.4		10.8	
250	30.9	36.5	47.6	54.4	20.9	26.2	12500	16.2		41.4		8.4	
315	31.7		47.6		23.5		16000	11.2	17.7	35.9	42.6	5.5	11.1
400	33.6		46.0		24.9		20000	6.2		28.1		3.6	
500	32.4	37.6	46.3	52.4	26.1	30.5							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	52.5	50.5	39.5	37.0	34.5	0.0	630	48.0	38.5	30.5	28.0	26.5	26.0
16.0	53.0	50.0	39.0	36.0	34.0	0.0	800	47.0	38.5	30.0	27.5	26.5	26.0
20.0	51.5	46.0	38.5	36.0	33.5	0.0	1000	47.0	40.5	28.0	26.0	25.0	25.0
25.0	54.5	46.0	39.5	35.5	32.5	0.0	1250	47.0	39.0	25.5	24.0	23.5	23.0
31.5	55.5	52.0	43.0	37.5	33.0	0.0	1600	48.0	38.0	23.0	22.0	21.5	21.0
40.0	70.0	56.5	37.0	32.0	28.5	0.0	2000	47.5	39.0	21.0	20.0	19.5	19.0
50.0	68.0	55.0	30.5	25.0	22.5	21.5	2500	48.0	39.0	19.0	18.0	17.5	17.5
63.0	57.5	48.5	28.5	23.5	20.5	19.5	3150	47.5	36.0	17.5	16.5	16.0	16.0
80.0	60.0	44.0	24.0	19.5	17.5	16.5	4000	47.5	35.0	16.0	15.0	0.0	0.0
100	61.5	49.5	22.5	18.5	16.0	0.0	5000	47.5	34.5	0.0	0.0	0.0	0.0
125	54.0	49.5	23.0	18.5	16.0	15.0	6300	47.5	32.5	0.0	0.0	0.0	0.0
160	55.0	39.0	23.0	19.0	16.0	15.5	8000	46.0	30.5	0.0	0.0	0.0	0.0
200	51.5	45.5	25.0	22.0	19.5	18.5	10000	44.0	27.0	0.0	0.0	0.0	0.0
250	48.5	38.5	27.5	24.0	22.0	21.0	12500	40.0	22.0	0.0	0.0	0.0	0.0
315	47.0	40.5	28.5	26.0	24.0	23.5	16000	34.5	18.5	0.0	0.0	0.0	0.0
400	47.5	44.0	29.5	26.5	25.5	25.0	20000	26.5	0.0	0.0	0.0	0.0	0.0
500	46.0	40.0	30.0	27.5	26.5	26.0							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WEN1.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WEN1
Note1:
Note2:

Overall Measurement
Start Time: 24-Feb-2001 23:59:58

Ln Start Level: 15 dB

L0.10	51.7 dBA	L50.00	38.7 dBA	L99.00	36.7 dBA
L1.00	49.1 dBA	L90.00	37.2 dBA	L99.90	36.5 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 24-Feb-2001 23:59:58
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	40.4 dBA		49.0 dBC		53.4 dBF	
SEL:	71.2 dBA		79.8 dBC		84.2 dBF	
Peak:	96.9 dBA		97.2 dBC		97.3 dBF	
	24-Feb-2001	23:59:58	24-Feb-2001	23:59:58	24-Feb-2001	23:59:58
Lmax (slow):	51.8 dBA		61.9 dBC		69.5 dBF	
	25-Feb-2001	00:01:43	25-Feb-2001	00:09:46	25-Feb-2001	00:09:46
Lmin (slow):	36.4 dBA		41.3 dBC		42.9 dBF	
	25-Feb-2001	00:12:49	25-Feb-2001	00:12:52	25-Feb-2001	00:12:52
Lmax (fast):	59.0 dBA		67.6 dBC		75.2 dBF	
	25-Feb-2001	00:15:12	25-Feb-2001	00:09:46	25-Feb-2001	00:09:46
Lmin (fast):	36.2 dBA		40.3 dBC		41.8 dBF	
	25-Feb-2001	00:04:50	25-Feb-2001	00:12:47	25-Feb-2001	00:04:54
Lmax (impulse):	63.3 dBA		71.1 dBC		77.7 dBF	
	25-Feb-2001	00:15:12	25-Feb-2001	00:09:46	25-Feb-2001	00:09:46
Lmin (impulse):	36.5 dBA		41.7 dBC		43.3 dBF	
	25-Feb-2001	00:04:50	25-Feb-2001	00:05:17	25-Feb-2001	00:12:43

Spectra

Date	Time	Run Time
24-Feb-2001	23:59:58	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	47.4		45.4		30.9		630	32.2		32.8		28.6	
16.0	45.5	50.3	41.8	48.5	31.2	35.6	800	32.4		30.8		29.3	
20.0	42.3		43.1		30.5		1000	31.7	36.2	29.6	34.4	28.5	33.1
25.0	40.4		41.5		24.7		1250	29.8		28.1		26.9	
31.5	39.0	44.0	43.8	48.4	29.8	33.6	1600	27.7		25.9		24.5	
40.0	37.9		44.9		30.1		2000	26.0	30.7	23.3	28.5	22.2	27.2
50.0	36.5		42.9		29.0		2500	23.0		20.5		19.0	
63.0	36.3	41.4	39.6	48.2	27.3	31.6	3150	21.0		17.0		15.8	
80.0	37.0		45.8		20.6		4000	19.2	24.3	14.2	19.7	12.5	18.2
100	36.4		47.8		23.1		5000	18.0		12.3		10.3	
125	36.8	41.0	50.2	52.9	23.2	28.3	6300	16.7		11.2		9.3	
160	35.2		44.6		24.3		8000	16.2	20.6	11.1	15.6	9.2	13.9
200	33.6		38.5		25.2		10000	14.1		10.0		9.0	
250	34.0	38.8	43.2	48.9	26.0	30.9	12500	10.7		7.8		7.2	
315	34.5		47.0		27.0		16000	6.9	12.9	5.4	10.8	5.0	10.3
400	36.9		55.4		27.5		20000	4.2		3.9		3.4	
500	33.3	39.4	43.5	55.7	28.5	33.0							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	62.0	58.5	40.0	35.5	33.0	0.0	630	39.0	36.5	31.0	30.0	29.5	29.0
16.0	61.0	57.0	38.5	34.5	32.5	0.0	800	41.5	37.0	31.5	30.0	29.5	29.0
20.0	57.5	53.0	37.0	33.5	31.5	0.0	1000	40.5	37.0	30.5	29.0	28.5	28.5
25.0	53.5	50.5	36.5	33.5	31.5	0.0	1250	39.5	34.5	28.5	27.5	27.0	26.5
31.5	52.0	48.0	35.5	33.0	31.5	0.0	1600	40.0	32.5	26.5	25.5	25.0	24.5
40.0	49.5	46.5	34.5	32.0	30.5	0.0	2000	41.5	34.0	24.0	23.0	22.5	22.0
50.0	48.0	45.0	33.0	31.0	29.5	29.0	2500	37.0	31.0	21.0	19.5	19.0	19.0
63.0	48.5	46.0	32.0	29.0	28.0	27.0	3150	37.0	30.5	18.0	16.0	16.0	15.5
80.0	52.5	48.0	30.5	27.0	26.0	23.0	4000	36.0	29.0	15.0	0.0	0.0	0.0
100	55.0	48.0	27.0	24.5	24.0	23.5	5000	35.5	28.5	0.0	0.0	0.0	0.0
125	54.5	49.5	27.0	24.5	24.0	23.0	6300	32.0	26.5	0.0	0.0	0.0	0.0
160	49.0	47.0	28.5	26.0	25.0	24.5	8000	32.0	26.0	0.0	0.0	0.0	0.0
200	46.0	44.0	29.0	26.5	25.5	25.0	10000	28.5	23.5	0.0	0.0	0.0	0.0
250	46.5	44.5	29.5	27.5	26.5	26.0	12500	24.5	18.5	0.0	0.0	0.0	0.0
315	49.5	46.0	29.5	28.0	27.0	27.0	16000	18.0	0.0	0.0	0.0	0.0	0.0
400	54.0	51.0	30.5	29.0	28.5	27.5	20000	0.0	0.0	0.0	0.0	0.0	0.0
500	43.5	42.0	31.0	29.5	29.0	28.5							

File Translated: G:\AMBIENT\JOBS\LA Group\Belleayre Resorts\Data\ML5-WEN2.slmdl
Model/Serial Number: 824 / A0460
Firmware/Software Revs: 3.500 / 3.020
Name: ENSR
Descr1: 6601 Kirkville Rd.
Descr2: East Syracuse, New York 13057
Setup/Setup Descr: 1-3oct.ssa / 1/3 Bandwidth
Location: ML5-WEN2
Note1:
Note2:

Overall Measurement
Start Time: 25-Feb-2001 02:30:33

Ln Start Level: 15 dB

L0.10	51.3 dBA	L50.00	37.9 dBA	L99.00	35.9 dBA
L1.00	45.9 dBA	L90.00	36.8 dBA	L99.90	35.4 dBA

Interval Records: Disabled Number Interval Records: 0
History Records: Enabled Number History Records: 1202

Current Any Data
Start Time: 25-Feb-2001 02:30:33
Elapsed Time: 00:20:00.7

	A Weight		C Weight		Flat	
Leq:	38.8 dBA		46.9 dBC		52.6 dBF	
SEL:	69.6 dBA		77.7 dBC		83.4 dBF	
Peak:	96.6 dBA		97.5 dBC		98.4 dBF	
	25-Feb-2001	02:30:33	25-Feb-2001	02:30:33	25-Feb-2001	02:30:33
Lmax (slow):	51.9 dBA		65.4 dBC		73.2 dBF	
	25-Feb-2001	02:36:20	25-Feb-2001	02:46:48	25-Feb-2001	02:46:48
Lmin (slow):	35.4 dBA		41.2 dBC		42.9 dBF	
	25-Feb-2001	02:44:21	25-Feb-2001	02:36:48	25-Feb-2001	02:36:48
Lmax (fast):	59.8 dBA		71.4 dBC		78.4 dBF	
	25-Feb-2001	02:36:20	25-Feb-2001	02:46:48	25-Feb-2001	02:46:48
Lmin (fast):	34.9 dBA		40.3 dBC		41.7 dBF	
	25-Feb-2001	02:44:21	25-Feb-2001	02:36:50	25-Feb-2001	02:36:40
Lmax (impulse):	63.9 dBA		74.7 dBC		81.3 dBF	
	25-Feb-2001	02:36:20	25-Feb-2001	02:46:48	25-Feb-2001	02:46:48
Lmin (impulse):	35.4 dBA		41.4 dBC		43.7 dBF	
	25-Feb-2001	02:44:21	25-Feb-2001	02:36:50	25-Feb-2001	02:36:18

Spectra

Date	Time	Run Time
25-Feb-2001	02:30:33	00:20:00.7

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	47.5		32.7		31.6		630	31.2		46.7		28.3	
16.0	45.0	50.3	33.3	37.8	32.6	36.6	800	31.6		46.4		28.4	
20.0	42.7		33.0		31.2		1000	31.1	35.5	42.7	48.4	27.7	32.2
25.0	39.3		33.8		30.4		1250	29.2		38.2		25.7	
31.5	37.8	42.7	33.9	38.3	30.1	34.8	1600	27.1		35.2		23.4	
40.0	36.3		32.8		29.4		2000	25.5	30.3	32.1	38.2	20.9	26.1
50.0	34.8		31.1		28.8		2500	23.3		32.3		18.0	
63.0	33.5	38.2	28.9	34.1	27.1	32.3	3150	21.8		31.0		14.5	
80.0	31.4		26.9		26.3		4000	20.5	25.6	27.0	33.0	11.6	17.2
100	29.9		25.0		23.1		5000	20.1		23.8		9.8	
125	29.4	34.4	25.1	30.1	22.8	27.9	6300	19.7		23.2		9.0	
160	29.6		25.8		23.4		8000	19.9	24.2	23.0	27.1	9.3	13.9
200	29.6		27.5		24.5		10000	18.4		20.3		9.0	
250	29.2	34.2	32.7	38.3	24.9	30.2	12500	15.7		15.1		7.2	
315	29.6		36.3		26.5		16000	12.4	17.9	10.2	16.7	5.0	10.3
400	30.4		43.0		27.2		20000	8.1		5.9		3.4	
500	30.9	35.6	47.7	51.0	27.6	32.5							

Overall Spectral Ln's

Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90	Hz	L0.10	L1.00	L50.00	L90.00	L99.00	L99.90
12.5	66.5	58.5	39.5	35.0	33.0	0.0	630	42.0	35.5	30.5	29.5	29.0	28.0
16.0	63.5	55.5	38.5	35.0	33.5	0.0	800	43.0	37.5	30.5	29.5	28.5	28.5
20.0	61.0	54.5	37.0	34.0	32.5	0.0	1000	42.5	37.5	29.5	29.0	28.0	27.5
25.0	56.0	49.0	36.0	33.5	32.0	0.0	1250	41.0	35.0	28.0	27.0	26.0	25.5
31.5	50.5	45.0	36.5	33.5	32.0	0.0	1600	38.5	34.5	26.0	25.0	23.5	23.5
40.0	49.0	44.0	34.5	33.0	31.5	0.0	2000	39.5	34.5	23.5	22.5	21.0	21.0
50.0	45.5	42.0	33.0	31.0	29.5	28.5	2500	37.5	32.5	21.0	19.5	18.0	18.0
63.0	46.5	41.5	31.5	29.5	28.5	27.0	3150	37.0	31.5	18.5	16.0	15.0	0.0
80.0	45.5	39.5	29.5	27.5	26.5	26.0	4000	35.5	31.0	16.5	0.0	0.0	0.0
100	44.5	38.5	27.5	26.0	24.0	23.0	5000	36.0	30.5	15.0	0.0	0.0	0.0
125	44.0	37.5	27.5	25.0	23.5	23.0	6300	35.5	29.5	0.0	0.0	0.0	0.0
160	42.5	37.5	27.5	25.0	24.0	23.5	8000	35.5	30.0	0.0	0.0	0.0	0.0
200	41.5	35.5	28.0	26.5	25.0	24.5	10000	33.5	27.5	0.0	0.0	0.0	0.0
250	41.5	35.0	28.0	27.0	25.5	25.0	12500	29.5	25.0	0.0	0.0	0.0	0.0
315	43.5	33.5	28.5	27.5	26.5	26.5	16000	24.5	22.0	0.0	0.0	0.0	0.0
400	41.0	34.5	29.5	28.5	27.5	27.0	20000	19.5	17.5	0.0	0.0	0.0	0.0
500	44.0	35.0	30.0	29.0	28.5	27.5							

Sound Level Measurement Results
Belleayre Resort
February 22 through 27, 2001

Monitoring Location	Sample Type	Start Date	Time	Broadband Sound Levels (dBA)							L90 Octave Band Sound Levels (dB at each hertz frequency)								
				Lmin	L99	L90	L50	L01	Lmax	Leq	31.5	63	125	250	500	1000	2000	4000	8000
Route 49A	Weekday Daytime - Run 1	2/23	09:42-10:03	29	30	31	33	52	60	39	38	35	30	28	24	5	5	5	5
(ML1)	Weekday Daytime - Run 2	2/26	16:16-16:37	42	44	47	51	59	76	54	57	53	50	48	46	41	34	27	16
	Weekend Daytime - Run 1	2/24	08:05-08:25	21	22	23	26	55	63	41	39	32	25	22	19	5	5	5	5
	Weekend Daytime - Run 2	2/24	10:49-11:09	29	29	30	31	60	70	46	42	38	39	35	22	5	5	5	5
	Weekday Nighttime - Run 1	2/22	22:17-22:37	23	23	25	29	41	67	38	39	36	28	26	21	5	5	5	5
	Weekday Nighttime - Run 2	2/27	00:00-20:00	27	28	32	35	49	56	38	44	40	35	32	30	25	19	5	5
	Weekend Nighttime - Run 1	2/24	22:00-22:20	21	21	23	32	53	65	42	48	38	26	20	5	5	5	5	5
	Weekend Nighttime - Run 2	2/25	00:34-00:54	23	24	28	33	48	56	38	40	36	30	28	25	5	5	5	5
Gunnison Road	Weekday Daytime - Run 1	2/23	10:25-10:54	33	34	38	44	52	56	45	42	35	35	36	35	34	25	5	5
(ML2)	Weekday Daytime - Run 2	2/26	15:46-16:06	45	45	48	52	59	59	53	53	48	47	48	46	42	37	29	22
	Weekend Daytime - Run 1	2/24	08:36-08:56	32	34	37	43	54	61	45	43	36	36	37	35	32	20	5	5
	Weekend Daytime - Run 2	2/24	11:19-11:39	29	30	35	42	55	57	45	41	33	32	34	33	30	19	5	5
	Weekday Nighttime - Run 1	2/23	00:06-00:26	27	28	28	30	43	46	33	32	27	26	28	27	21	5	5	5
	Weekday Nighttime - Run 2	2/26	23:27-23:48	31	31	33	35	48	55	38	40	34	32	33	31	28	21	5	5
	Weekend Nighttime - Run 1	2/24	22:32-22:52	27	28	29	35	53	57	41	35	30	28	28	27	24	5	5	5
	Weekend Nighttime - Run 2	2/25	01:05-01:25	28	28	28	31	47	50	36	36	30	27	27	26	23	5	5	5
Station Road	Weekday Daytime - Run 1	2/23	11:06-11:26	35	35	36	37	48	55	39	38	36	31	32	32	31	28	24	15
(ML3)	Weekday Daytime - Run 2	2/26	15:16-15:36	40	40	41	42	51	55	44	46	44	42	41	39	35	30	24	15
	Weekend Daytime - Run 1	2/24	09:17-09:37	34	34	35	36	45	51	37	40	37	32	32	31	29	27	24	23
	Weekend Daytime - Run 2	2/24	12:13-12:33	33	33	34	34	42	50	35	40	34	29	27	28	28	26	24	22
	Weekday Nighttime - Run 1	2/23	02:21-02:41	33	33	34	34	43	49	36	31	30	24	27	28	28	27	23	19
	Weekday Nighttime - Run 2	2/26	22:56-2317	35	35	35	36	46	53	38	39	36	33	31	31	31	28	23	5
	Weekend Nighttime - Run 1	2/24	23:05:23:26	33	33	33	34	43	51	35	34	31	27	25	27	29	27	22	5
	Weekend Nighttime - Run 2	2/25	01:37-01:58	23	23	33	33	49	52	37	21	26	26	25	25	27	26	21	5
Lake Street	Weekday Daytime - Run 1	2/23	11:34-11:54	41	42	43	45	57	60	47	52	50	42	36	38	39	35	28	20
(ML4)	Weekday Daytime - Run 2	2/26	14:48-15:08	43	43	46	49	55	60	50	52	51	48	43	42	41	37	29	20
	Weekend Daytime - Run 1	2/24	09:44-10:04	40	40	41	45	53	60	46	46	49	43	36	37	37	33	30	27
	Weekend Daytime - Run 2	2/24	12:38-12:58	39	39	40	42	52	57	44	42	48	42	32	34	35	32	30	27
	Weekday Nighttime - Run 1	2/23	02:49-03:09	40	40	40	40	54	57	43	39	46	36	30	34	36	33	27	21
	Weekday Nighttime - Run 2	2/26	22:31-22:51	41	41	42	44	54	59	46	45	48	45	39	37	37	34	28	19
	Weekend Nighttime - Run 1	2/24	23:32-23:52	41	41	41	43	61	65	48	43	47	43	33	36	37	34	29	21
	Weekend Nighttime - Run 2	2/25	02:03-02:23	40	40	40	41	48	51	42	42	47	43	32	35	36	34	27	20
Lasher Road	Weekday Daytime - Run 1	2/23	12:02-12:22	38	38	39	42	53	56	44	41	34	32	36	36	35	28	16	5
(ML5)	Weekday Daytime - Run 2	2/26	14:16-14:36	42	42	43	45	52	55	46	47	43	40	43	41	38	31	21	5
	Weekend Daytime - Run 1	2/24	10:13-10:33	35	35	36	40	48	51	41	42	32	28	32	34	32	26	19	5
	Weekend Daytime - Run 2	2/24	13:05-13:25	34	34	35	37	50	60	40	40	28	23	29	32	31	25	19	5
	Weekday Nighttime - Run 1	2/23	03:21-03:41	33	33	33	34	46	54	37	30	22	5	25	30	30	25	5	5
	Weekday Nighttime - Run 2	2/26	22:02-22:24	36	37	37	39	50	55	41	40	36	33	34	34	34	28	17	5
	Weekend Nighttime - Run 1	2/24	23:59-23:19	36	37	37	39	49	52	40	38	34	30	32	34	34	28	16	5
	Weekend Nighttime - Run 2	2/25	02:30-02:50	35	36	37	38	46	52	39	38	34	30	32	34	33	28	16	5

Notes: Lmin - Minimum sound level - Slow meter response
Lnn - Sound level occurring at least nn % of period
Octave band sound levels are near minimum sound levels approximating L90
Leq - Energy-average sound level
Lmax - Maximum sound level - Slow meter response

Enclosure 2

Construction Noise Sources and Usage Spreadsheets

Bellaeyre Project Construction Summary

Golf Club Construction

Big Indian	Big Indian Golf Cours	Year 1	Blasting
			Crushing
			Pond Excavation
			Clearing and Grubbing
		Year 2	Clearing, Grubbing, Golf Course Construction and Stabilization
		Year 3	Grubbing, Golf Course Construction and Stabilization
		Year 2 & 3	Trucking in Golf Material (rootzone, pea stone and bunker sand)
Wildacres	Highmount Golf Club	Years 1 & 2	Clearing, Grubbing and Golf Course Construction
			Trucking in rootzone, pea stone and bunker sand

Road and Bridge Construction (All Year 1)

Big Indian	Asphalt Pavement
	Trim/Clean-up/Topsoil/Grade
	Bridgework
	Rock Excavation
	Drainage Pipework
	Subgrade Subbase
	Clearing
	Earth Excavation
Wildacres	Asphalt Pavement
	Trim/Clean-up/Topsoil/Grade
	Rock Excavation
	Subgrade Subbase
	Clearing
	Earth Excavation

Building Construction

Big Indian	Resort, Spa and Country Club (including balsting)	Years 1 & 2
	Golf Maintenance Facility and Satellite Facility	Years 1 & 2
	Belleayre Highlands Brisbane Mansion and Facilities	Years 1 & 2
	Lodging Units (35 single units; 20 triplexes)	Years 2 - 8
	Belleayre Highlands Residential Units (22 quadplexes)	Years 2 - 8
Wildacres	Resort and Facilities (Requires blasting)	Years 1 & 2
	Clubhouse and Facilities	Years 1 & 2
	Marlow Mansion	Years 1 & 2
	Children's Center	Years 1 & 2
	Clubhouse	Years 1 & 2
	Sewage Treatment Facility	Years 1 & 2
	Wilderness Activities Center	Years 1 & 2
	Golf Maintenance Facility and Satellite Facility	Years 1 & 2
	Highmount Estates Residential Units (21 single units)	Years 3 - 8
	Lodging Units (16 octaplexes)	Years 2 - 8
	Lodging Units (5 octaplexes)	Years 3 - 8

Offsite Construction Traffic Noise Estimate

		Trips/hr		Passby Events/hr		L_{50}(dBA @50' @30 mph)	
Phase	Traffic Type	Big Indian	Wildacres	Big Indian	Wildacres	Big Indian	Wildacres
Year 1	Diesel Trucks	5	4	9	8	**60**	**59**
Year 2	Diesel Trucks	5	4	9	8	**60**	**59**
Year 3	Diesel Trucks	3	1	5	1	**53**	**39**

Truck trips based on information from LAGroup (K. Franke faxes - 8/24/01 and 1/15/02, and telephone conversations w/ K. Franke - 1/9/02 and 1/15/02, and Ken Graham 1/22/02)
Passby Events = Truck trips x 2.

Assumptions:

L50 at 20 mph for X trucks/hour	PPCNG, 1974 Fig. C.7 and C.8
Leq = L10 - 4 dBA	PPCNG, 1974 Pg. C-35
L10 = L50 - 13 dBA	PPCNG, 1974 Fig. C.9
Total Sound Level Increase = 10Log(N)	(adapted from H&K, 1981. Eqn 1-12)
where:	N = number of equal value sound levels or multiple of original sound level

Assumes Topsoil is delivered over 5 month period each year.
Assume 35 week season from April to last week in November

			Trips/day (6 day week)		
Activity	Amount (Cu. Yds.)	Trips/period	Year1	Year2	Year 3
Big Indian access road subbase	17,000	944 / 35 weeks	4.5		
Transport fill from Wildacres to Big Indian Year 1 & 2	90,000	5000 / 35 weeks	12.3	12.3	
Golf CourseTopsoil Big Indian Year 2	62640	3480 / 21 weeks		27.6	
Golf CourseTopsoil Wildacres Year 1	58320	3240 / 21 weeks	25.7		
Golf CourseTopsoil Big Indian Year 3	45360	2520 / 21 weeks			20.0
Golf CourseTopsoil Wildacres Year 2	49680	2760 / 21 weeks		21.9	
Rootzone/pea stone and sand	8200/2nd and 3rd yrs	280 / 34 weeks		1.3	1.3
Resort Topsoil (1/3 each of 2nd and 3rd years)	555/3333/3333/555x5	31/185/185/35 wks	0.1	0.9	0.9
Misc Trips		3-4/day	3.5	3.5	3.5
		Big Indian Total	20	46	26
		Wildacres Total	42	40	6

Access Road Construction Equipment Summary

(Source: Creighton Manning Enginneering, Fax, 1/7/02)

				Usage (Days)	
		Quantity	HP	Big Indian	Wildacres
Asphalt Pavement	Blankack 220 Paver	1	175	8	4
	Asphalt Rollers	2	150	8	4
Trim / Clean-Up / Topsoil / Grad.	D6H	1	165	20	5
	D4H	1	105	20	5
	D5C	1	90	20	5
	950E	1	170	20	---
	924G	1	120	---	5
	Hydro Seeder (Trk mtd)	1	250	20	5
	Mulcher	1	120	20	5
	710 J.D. TLB	1	115	10	2
	Tandem Dump Trucks	2	300	20	3
Bridge Work	Pile Hammer Ice Model 305		50	6	---
	Truck Crane Lifebelt HC 138A	2	400	5	---
	Hydraulic Crane Grove RT528C	1	130	20	---
	CA7-924G	1	120	30	---
	Atlas Copco 185-Compressor	1	75	30	---
	Welder	1	50	---	---
Rock Excavation	Hydraulic Rock Drill Rigs	2	175	25	3
	D8K with ripper	1	300	30	5
	D8H	2	275	30	3
	345B Hoe	1	290	30	4
	D6H	1	165	30	4
	R35 Euclids	2	430	30	4
	D25D Cat R Dumps	1	260	30	---
	CAT 563 Roller	1	145	30	4
Drainage Pipe Work	235B Hoe	1	280	30	---
	225B Hoe	1	280	10	---
	950E Loader	1	170	30	---
	924G Loader	1	120	10	---
Subgrade / Subbase	14G Grader	1	200	50	12
	D5C	1	90	40	6
	CS563 Roller	1	145	50	10
	D4H	1	105	10	4
	950E	1	170	5	2
	Water Truck (4,000 Gal)	1	300	30	5
Clearing	235B	2	220	15	5
	Skidders	2	185	15	5
	Chipper	1	250	30	10
	D8H	2	275	15	5
	D6H	1	165	30	10
Earth Excavation	D9H	1	370	60	20
	D8N	1	285	60	---
	D8H	2	275	60	20
	D8K with Ripper	1	300	30	10
	D6H	2	165	60	20
	D5C	2	90	100	10
	627E Scrapers	4	560	60	20
	235D Excavator	1	300	20	5
	D25D R. Dump	3	260	20	5
	Tandem Dump Trucks	4	300	25	20
	UC R-35	2	430	---	---
	CAT 563 Rollers	2	145	60	10
	Water Truck (4,000 Gal)	1	300	60	20

Construction Sound Level Estimate for Wildacres Access Roads

Maximum Construction Noise Estimate

Equipment	Type	HP	Estimated Maximum SPL @50'	Equipment Usage Factor (%)	dB Reduction	Acoustic Max. Factor dB Reduction Estimate	PPNG Table B.5	Reference Leq SPL @50'	Pieces Usage/Aspect 1	2	3	4	5	6	Total Indiv. Sound Levels (dBA @50') 1	2	3	4	5	6
Blankack 220 Paver	1	175	83	0.10	-10	-3		70	1						70	0	0	0	0	0
Asphalt Rollers	2	150	83	0.40	-4		-3	76	2						79	0	0	0	0	0
D6H	1	165	83	0.40	-4		-5	74		1					0	74	0	0	0	0
D4H	1	105	81	0.40	-4		-5	72		1					0	72	0	0	0	0
D5C	1	90	81	0.40	-4		-5	72		1					0	72	0	0	0	0
924G	1	120	82	0.40	-4		-5	73		1					0	73	0	0	0	0
Hydro Seeder (Trk mtd)	1	250	85	0.40	-4	-3		78		1					0	78	0	0	0	0
Mulcher	1	120	82	0.40	-4	-3		75		1					0	75	0	0	0	0
710 J.D. TLB	1	115	82	0.40	-4		-5	73		1					0	73	0	0	0	0
Tandem Dump Trucks	2	300	86	0.40	-4		-8	74		2					0	77	0	0	0	0
Hydraulic Rock Drill Rigs	2	175	83	0.04	-14	-3		66			2				0	0	69	0	0	0
D8K with ripper	1	300	86	0.40	-4		-5	77			1				0	0	77	0	0	0
D8H	2	275	85	0.40	-4		-5	76			2				0	0	79	0	0	0
345B Hoe	1	290	86	0.16	-8		-4	74			1				0	0	74	0	0	0
D6H	1	165	83	0.40	-4		-5	74			1				0	0	74	0	0	0
R35 Euclids	2	430	87	0.40	-4		-8	75			2				0	0	78	0	0	0
CAT 563 Roller	1	145	83	0.40	-4		-3	76			1				0	0	76	0	0	0
14G Grader	1	200	84	0.08	-11		-6	67				1			0	0	0	67	0	0
D5C	1	90	81	0.40	-4		-3	74				1			0	0	0	74	0	0
CS563 Roller	1	145	83	0.40	-4		-5	74				1			0	0	0	74	0	0
D4H	1	105	81	0.40	-4		-5	72				1			0	0	0	72	0	0
950E	1	170	83	0.40	-4		-5	74				1			0	0	0	74	0	0
Water Truck (4,000 Gal)	1	300	86	0.40	-4		-8	74				1			0	0	0	74	0	0
235B	2	220	84	0.40	-4		-5	75					2		0	0	0	0	78	0
Skidders	2	185	84	0.40	-4		-5	75					2		0	0	0	0	78	0
Chipper	1	250	85	0.40	-4	-3		78					1		0	0	0	0	78	0
D8H	2	275	85	0.40	-4		-5	76					2		0	0	0	0	79	0
D6H	1	165	83	0.40	-4		-5	74					1		0	0	0	0	74	0
D9H	1	370	87	0.40	-4		-5	78						1	0	0	0	0	0	78
D8H	2	275	85	0.40	-4		-5	76						2	0	0	0	0	0	79
D8K with Ripper	1	300	86	0.40	-4		-5	77						1	0	0	0	0	0	77
D6H	2	165	83	0.40	-4		-5	74						2	0	0	0	0	0	77
D5C	2	90	81	0.40	-4		-5	72						2	0	0	0	0	0	75
627E Scrapers	4	560	88	0.40	-4		-6	79						4	0	0	0	0	0	85
235D Excavator	1	300	86	0.40	-4	-4		78						1	0	0	0	0	0	78
D25D R. Dump	3	260	85	0.40	-4		-5	76						3	0	0	0	0	0	81
Tandem Dump Trucks	4	300	86	0.40	-4		-8	74						4	0	0	0	0	0	80
CAT 563 Rollers	2	145	83	0.40	-4		-3	76						2	0	0	0	0	0	79
Water Truck (4,000 Gal)	1	300	86	0.40	-4		-8	74						1	0	0	0	0	0	74

Estimated maximum sound levels from: Hoover and Keith, 1981. Noise Control for Buildings, Manufacturing Plants, Equipment and Products, Hoover and Keith, Inc. 1994.

*From NYSDEC "Assessing and Mitigating Noise Impacts", October 8, 2000.Table C.

Load factor from BBN, 1971. "Noise From Construction Equipment and Operations, Building Equiopment and Hopme Appliances, Bolt, Beranek and Newman, December 31, 1971.

	Total Equipment Reference Leq 1	2	3	4	5	6
Total Noise - All Equip @50'	79	84	85	81	85	90

Aspect	Description
Aspect 1	Asphalt Pavement
Aspect 2	Trim/Clean-up/Topsoil/Grade
Aspect 3	Rock Excavation
Aspect 4	Subgrade Subbase
Aspect 5	Clearing
Aspect 6	Earth Excavation

Construction Sound Level Estimate for Big Indian Access Road

Maximum Construction Noise Estimate

Equipment	Pieces	HP	Estimated Maximum SPL @50'	Equipment Usage Factor (%)	dB Reduction	Acoustic Max. Factor dB Reduction Estimate	PPNG Table B.5	Reference Leq SPL @50'	Pieces Usage/Aspect 1	2	3	4	5	6	7	8	Total Indiv. Sound Levels (dBA @50') 1	2	3	4	5	6	7	8
Blankack 220 Paver	1	175	83	0.40	-4	-3		76	1								76	0	0	0	0	0	0	0
Asphalt Rollers	2	150	83	0.40	-4		-3	76	2								79	0	0	0	0	0	0	0
D6H	1	165	83	0.40	-4		-5	74		1							0	74	0	0	0	0	0	0
D4H	1	105	81	0.40	-4		-5	72		1							0	72	0	0	0	0	0	0
D5C	1	90	81	0.40	-4		-5	72		1							0	72	0	0	0	0	0	0
950E	1	170	83	0.40	-4		-5	74		1							0	74	0	0	0	0	0	0
Hydro Seeder (Trk mtd)	1	250	85	0.40	-4	-3		78		1							0	78	0	0	0	0	0	0
Mulcher	1	120	82	0.40	-4	-3		75		1							0	75	0	0	0	0	0	0
710 J.D. TLB	1	115	82	0.40	-4		-5	73		1							0	73	0	0	0	0	0	0
Tandem Dump Trucks	2	300	86	0.40	-4		-8	74		2							0	77	0	0	0	0	0	0
Pile Hammer Ice Model 305		50	93	0.04	-14	0		79			1						0	0	79	0	0	0	0	0
Truck Crane Lifebelt HC 138A	2	400	87	0.16	-8		-8	71			2						0	0	74	0	0	0	0	0
Hydraulic Crane Grove RT528C	1	130	82	0.16	-8		-8	66			1						0	0	66	0	0	0	0	0
CA7-924G	1	120	82	0.40	-4		-5	73			1						0	0	73	0	0	0	0	0
Atlas Copco 185-Compressor	1	75	80	1.00	0	0		80			1						0	0	80	0	0	0	0	0
Hydraulic Rock Drill Rigs	2	175	83	0.04	-14	-3		66				2					0	0	0	69	0	0	0	0
D8K with ripper	1	300	86	0.40	-4		-5	77				1					0	0	0	77	0	0	0	0
D8H	2	275	85	0.40	-4		-5	76				2					0	0	0	79	0	0	0	0
345B Hoe	1	290	86	0.16	-8		-4	74				1					0	0	0	74	0	0	0	0
D6H	1	165	83	0.40	-4		-5	74				1					0	0	0	74	0	0	0	0
R35 Euclids	2	430	87	0.40	-4		-8	75				2					0	0	0	78	0	0	0	0
D25D Cat R Dumps	1	260	85	0.40	-4		-5	76				2					0	0	0	79	0	0	0	0
CAT 563 Roller	1	145	83	0.40	-4		-3	76				1					0	0	0	76	0	0	0	0
235B Hoe	1	280	85	0.16	-8		-4	74					1				0	0	0	0	74	0	0	0
225B Hoe	1	280	85	0.16	-8		-4	74					1				0	0	0	0	74	0	0	0
950E Loader	1	170	83	0.40	-4		-5	74					1				0	0	0	0	74	0	0	0
924G Loader	1	120	82	0.40	-4		-5	73					1				0	0	0	0	73	0	0	0
14G Grader	1	200	84	0.08	-11		-6	67						1			0	0	0	0	0	67	0	0
D5C	1	90	81	0.40	-4		-5	72						1			0	0	0	0	0	72	0	0
CS563 Roller	1	145	83	0.40	-4		-3	76						1			0	0	0	0	0	76	0	0
D4H	1	105	81	0.40	-4		-5	72						1			0	0	0	0	0	72	0	0
950E	1	170	83	0.40	-4		-5	74						1			0	0	0	0	0	74	0	0
Water Truck (4,000 Gal)	1	300	86	0.40	-4		-8	74						1			0	0	0	0	0	74	0	0
235B	2	220	84	0.40	-4		-5	75							2		0	0	0	0	0	0	78	0
Skidders	2	185	84	0.40	-4		-5	75							2		0	0	0	0	0	0	78	0
Chipper	1	250	85	0.40	-4	-3		78							1		0	0	0	0	0	0	78	0
D8H	2	275	85	0.40	-4		-5	76							2		0	0	0	0	0	0	79	0
D6H	1	165	83	0.40	-4		-5	74							1		0	0	0	0	0	0	74	0
D9H	1	370	87	0.40	-4		-5	78								1	0	0	0	0	0	0	0	78
D8N	1	285	86	0.40	-4		-5	77								1	0	0	0	0	0	0	0	77
D8H	2	275	85	0.40	-4		-5	76								2	0	0	0	0	0	0	0	79
D8K with Ripper	1	300	86	0.40	-4		-5	77								1	0	0	0	0	0	0	0	77
D6H	2	165	83	0.40	-4		-5	74								2	0	0	0	0	0	0	0	77
D5C	2	90	81	0.40	-4		-5	72								2	0	0	0	0	0	0	0	75
627E Scrapers	4	560	88	0.40	-4		-6	79								4	0	0	0	0	0	0	0	85
235D Excavator	1	300	86	0.40	-4	-4		78								1	0	0	0	0	0	0	0	78
D25D R. Dump	3	260	85	0.40	-4		-5	76								3	0	0	0	0	0	0	0	81
Tandem Dump Trucks	4	300	86	0.40	-4		-8	74								4	0	0	0	0	0	0	0	80
CAT 563 Rollers	2	145	83	0.40	-4		-3	76								2	0	0	0	0	0	0	0	79
Water Truck (4,000 Gal)	1	300	86	0.40	-4		-8	74								1	0	0	0	0	0	0	0	74

Estimated maximum sound levels from: Hoover and Keith, 1981. Noise Control for Buildings, Manufacturing Plants, Equipment and Products, Hoover and Keith, Inc. 1994.

*From NYSDEC *Assessing and Mitigating Noise Impacts*, October 8, 2000.Table C.

Load factor from BBN, 1971. *Noise From Construction Equipment and Operations, Building Equipment and Hopme Appliances, Bolt, Beranek and Newman, December 31, 1971.

	Total Equipment Reference Leq 1	2	3	4	5	6	7	8
Total Noise - All Equip @50'	81	84	83	86	80	81	85	90

Aspect	Description
Aspect 1	Asphalt Pavement
Aspect 2	Trim/Clean-up/Topsoil/Grade
Aspect 3	Bridgework
Aspect 4	Rock Excavation
Aspect 5	Drainage Pipework
Aspect 6	Subgrade Subbase
Aspect 7	Clearing
Aspect 8	Earth Excavation

Golf Course Construction Equipment Summary

(Source: LA Group Fax, August 24, 2001)

			HP	Quantity	Trips
Big Indian Golf Course					
Year 1					
Blasting	Air Track Drill Rig			1	
Crushing	Crusher		300	1	
	Loader	Cat 966	170	1	
	Rock Truck	Cat 730	300	2	1000
Pond Excavation, Clearing, Grubbing, and Filling	Rock Truck	Cat 730	300	2	700
	Harvester	Cat 570	220	2	
	Log Skidder	Cat 515	160	2	
	Excavator	Cat 325	170	3	
	Rock Truck	Cat 730	300	4	
	Chopper/Grinder			1	
	Dozer	JD 850	145	2	
	Dump Trucks (on-site)	10-wheel			9000 trips on-site
	Dozer	Cat D-6	165	1	
	Roller	Hyster 850		1	
Year 2					
Clearing	Harvester	Cat 570	220	2	
	Log Skidder	Cat 515	160	2	
	Roller	Hyster 850		2	
	Small Trenchers				
	Small Excavators				
	Large Trencher				
	Dozer	Cat D-8	300	2	
	Dozer	JD 850	145	2	
	Dozer	JD 650	90	3	
	Rock Truck	Cat 730	300	4	
	Backhoe	JD 310/410		3	
	Skidsteer Loader	Bobcat	72	2	
	Loader	Cat 966	170		
	Dump Trucks (on-site)	10-wheel		2	
	Excavator	Cat 325		2	
	Hydroseeder				
Year 3					
Grubbing, Golf Course Construction and Stabilization	Same Equip as Year 2 plus:				
	Rock Trucks	Cat 730	300	2	
Rootzone	Dump Trucks (on-site)	10-wheel			200
Pea Stone	Dump Trucks (on-site)	10-wheel			40
Bunker Sand	Dump Trucks (on-site)	10-wheel			40
Highmount Golf Club					
Year 1	Skidder	Cat 515		2	
Clearing, grubbing, construction blasting and rock crushing.	Harverster	Cat 570		2	
	Chipper/Grinder				
	Excavator	Cat 325		3	
	Rock Trucks	Cat 730		8	
	Dozer	Cat D-8		2	
	Dozer	JD 850		2	
	Dozer	JD 650		3	
	Roller	Hyster 850		2	
	Backhoe	JD 310/410		3	
	Skidsteer Loader	Bobcat		2	
	Loader	Cat 966		1	
	Dump Trucks (on-site)			2	
	Hydroseeder			1	
	Irrigation Equipment				
	Small Trencher				
	Small Excavator				
	Large Vermeer Trencher	Vermeer 655			
	Small Dunmp Trucks				
	Backhoe				

Construction Sound Level Estimate for Big Indian Golf Course

Maximum Construction Noise Estimate

Equipment	Type	HP	Estimated Maximum SPL @50'	Equipment Usage Factor (%)	Equipment Usage Factor dB Reduction	Acoustic Max. Factor dB Reduction Estimate	Acoustic Max. Factor dB Reduction PPNG Table B.5	Reference Leq SPL @50'	Pieces Usage/Aspect 1	Pieces Usage/Aspect 2	Pieces Usage/Aspect 3	Total Indiv. Sound Levels (dBA @50') 1	Total Indiv. Sound Levels (dBA @50') 2	Total Indiv. Sound Levels (dBA @50') 3
Blasting			94	0.04	-14	0		80	1			80	0	0
Air Track Drill Rig			96	0.04	-14	-3		79	1			79	0	0
Crusher		300	86	0.16	-8	-3		75	1			75	0	0
Loader	Cat 966	170	83	0.40	-4		-5	74	1			74	0	0
Rock Truck	Cat 730	300	86	0.40	-4		-8	74	8	4	6	83	80	82
Harvester	Cat 570	220	84	0.40	-4		-3	77	2	2	2	80	80	80
Log Skidder	Cat 515	160	83	0.40	-4		-5	74	2	2	2	77	77	77
Excavator	Cat 325	170	83	0.40	-4	-3		76	3			81	0	0
Chopper/Grinder		DEC*	89	0.40	-4	-3		82	1			82	0	0
Dozer	JD 850	145	83	0.40	-4		-5	74	2	2	2	77	77	77
Dozer	Cat D-6	165	83	0.40	-4		-5	74	1			74	0	0
Hyster 850 Roller	Estimated	20-40 ton	82	0.40	-4		-3	75	1	2	2	75	78	78
Large Vermeer Trencher	Estimated	100	81	0.40	-4	-4		73		1	1	0	73	73
Dozer	Cat D-8	300	86	0.40	-4		-5	77		2	2	0	80	80
Dozer	JD 650	90	81	0.40	-4		-5	72		2	2	0	75	75
Backhoe	JD 310/410	90	81	0.40	-4		-4	73		3	3	0	77	77
Skidsteer Loader	Bobcat	72	80	0.40	-4		-5	71		2	2	0	74	74
Loader	Cat 966	170	83	0.40	-4		-5	74		1	1	0	74	74
On-site 10 Whl. Dump Trucks	Estimated	300	86	0.40	-4		-8	74		2	2	0	77	77
Cat 325 Excavator	Estimated	300	86	0.40	-4	-4		78		2	2	0	81	81
Hydroseeder	Est. BI Road	250	85	0.40	-4	-3		78		1	1	0	78	78

Estimated maximum sound levels from: Hoover and Keith, 1981. Noise Control for Buildings, Manufacturing Plants, Equipment and Products, Hoover and Keith, Inc. 1994.

*From NYSDEC "Assessing and Mitigating Noise Impacts", October 8, 2000.Table C.

Load factor from BBN, 1971. "Noise From Construction Equipment and Operations, Building Equiopment and Home Appliances, Bolt, Beranek and Newman, December 31, 1971.

Correction for off load usage from PPCNG, 1977. "Power Pland Construction Noise Guide", Bolt, Beranek and Newman, May 1977.

Clearing and irrigation for 2 months each 8-month season, 10-wheelers moving in fill for for 100 days.

	Total Equipment Reference Leg 1	2	3
Total Noise - All Equip @50'	90	89	90

Phase	Description
1	Year 1. Blasting, crushing, pond excavation, clearing, grubbing and fill
2	Year 2 Clearing, grubbing, golf course construction and stabilization.
3	Year 3 Grubbing, Golf Course Construction and Stabilization

Construction Sound Level Estimate for Wildacres Highmount Golf Club

Maximum Construction Noise Estimate

Equipment	Type	HP	Estimated Maximum SPL @50'	Equipment Usage Factor (%)	Acoustic Max. Factor dB Reduction dB Reduction	Acoustic Max. Factor dB Reduction Estimate	Acoustic Max. Factor dB Reduction PPNG Table B.5	Reference Leq SPL @50'	Pieces Usage/Aspect 1	Total Indiv. Sound Levels (dBA @50') 1
Skidder	Cat 515	160	83	0.40	-4		-5	74	2	77
Harvester	Cat 570	220	84	0.40	-4	-3		77	2	80
Chipper/Grinder	DEC*	89	80	0.40	-4	-3		74	1	74
Cat 325 Excavator	Estimated	300	86	0.40	-4	-4		78	3	83
Rock Truck	Cat 730	300	86	0.40	-4		-8	74	8	83
Dozer	Cat D-8	300	86	0.40	-4		-5	77	2	80
Dozer	JD 850	145	83	0.40	-4		-5	74	2	77
Dozer	JD 650	90	81	0.40	-4		-5	72	3	76
Hyster 850 Roller	Estimated	20-40 ton	82	0.40	-4		-3	75	2	78
Backhoe	JD 310/410	90	81	0.40	-4		-4	73	3	77
Skidsteer Loader	Bobcat	72	80	0.40	-4		-5	71	2	74
Loader	Cat 966	170	83	0.40	-4		-5	74	1	74
n-site 10 Whl. Dump Truck	Estimated	300	86	0.40	-4		-8	74	2	77
Hydroseeder	Est. Bl Road	250	85	0.40	-4	-3		78	1	78
Large Vermeer Trencher	Estimated	100	81	0.40	-4	-4		73	1	73
Small Dump Trucks	Estimated	200	84	0.40	-4		-8	72	5	79
Mid-sized Backhoe	Estimated	210	84	0.40	-4		-4	76	1	76

Estimated maximum sound levels from: Hoover and Keith, 1981. Noise Control for Buildings, Manufacturing Plants, Equipment and Products, Hoover and Keith, Inc. 1994.

*From NYSDEC "Assessing and Mitigating Noise Impacts", October 8, 2000.Table C.

Load factor from BBN, 1971. "Noise From Construction Equipment and Operations, Building Equiopment and Hopme Appliances, Bolt, Beranek and Newman, December 31, 1971.

Phase	Description
1	Excavation, Grading, Cleaning and Grubbing
	Truck in rootzone, pea stone and sand

	Total Equipment Reference Leq 1
Total Noise - All Equip @50'	91

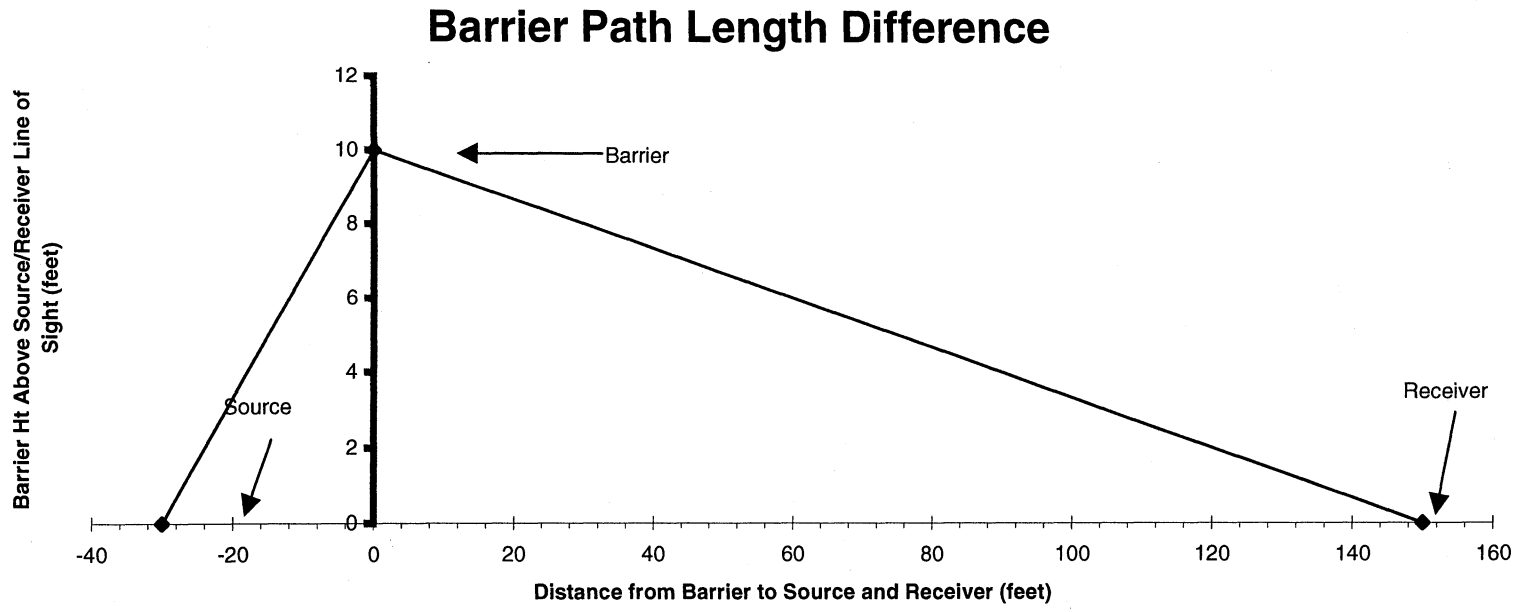
elleayre Project - Estimated Construction Sound Levels

		Reference Sound level (dBA @ 50')	Distance (feet)	Sound Reduction (dBA)	Construction Sound Level (dBA)	Existing Sound Level (Leq dBA)	Diff (dBA)	Pathlength through forest (feet)	Vegetation Insertion Loss (IL) (3 dBA/100')	Construction Sound Level (dBA)	Diff (dBA)
dacres											
site Traffic		59	80	-3	56	50	6	0	0	56	6
dacres Access Roads	Asphalt Pavement	79	200	-12	67	50	17	200	-6	61	11
		79	500	-20	59	50	9	400	-12	47	-3
% of road within 700' of	Trim/Clean-										
eptor)	up/Topsoil/Grade	84	200	-12	72	50	22	200	-6	66	16
	Rock Excavation	85	200	-12	73	50	23	200	-6	67	17
	Subgrade Subbase	81	200	-12	69	50	19	200	-6	63	13
	Clearing	85	200	-12	73	50	23	200	-6	67	17
	Earth Excavation	90	200	-12	78	50	28	200	-6	72	22
		90	500	-20	70	50	20	400	-12	58	8
		90	200	-12	78	50	28	200	-6	72	22
	Rock Crushing	95	1000	-26	69	50	19	500 + barrier	-21	48	-2
	Typical	84	3700	-37	47	51	-4	3500	-25	22	-29
tel and Resort	Ground Clearing	84	1280	-28	56	50	6	1280	-25	31	-19
	Excavation	89	1280	-28	61	50	11	1280	-25	36	-14
	Foundations	78	1280	-28	50	50	0	1280	-25	25	-25
	Erection	87	1280	-28	59	50	9	1280	-25	34	-16
	Finishing	89	1280	-28	61	50	11	1280	-25	36	-14
ıbhouse and Facilities	Ground Clearing	83	580	-21	62	50	12	440	-13	49	-1
pool and tennis courts)	Excavation	88	580	-21	67	50	17	440	-13	54	4
	Foundations	81	580	-21	60	50	10	440	-13	47	-3
	Erection	81	580	-21	60	50	10	440	-13	47	-3
	Finishing	88	580	-21	67	50	17	440	-13	54	4
											0
ghmount Golf Course	Years 1 and 2	91	160	-10	81	50	31	80	-2	79	29
		91	160	-10	81	50	31	80	-2	79	29
		91	500	-20	71	50	21	500	-15	56	6
		91	350	-17	74	50	24	350	-11	63	13
sidential Units (16 Octs)	Construction	88	680	-23	65	50	15	240	-7	58	8
sidential Units (5 Octs)	Construction	88	960	-26	62	50	12	400	-12	50	0
rlow Mansion	Construction	88	1400	-29	59	50	9	400	-12	47	-3
ildren's Center	Construction	88	940	-25	63	50	13	440	-13	50	0
ıbhouse	Construction	88	920	-25	63	50	13	440	-13	50	0
wage Treatment Facility	Construction	89	960	-26	63	50	13	960	-25	38	-12
	Renovation*;										
lderness Activities Cente	no major clearing	81	240	-14	67	50	17	240 + barrier	-13	54	4
		75	240	-14	61	50	11	241 + barrier	-13	48	-2
		81	400	-18	63	50	13	400	-12	51	1
lf Maintenance Facility	Construction	88	460	-19	69	50	19	0	0	69	19
		88	460	-19	69	50	19	0	0	69	19
tellite Golf Maintenance											
cility	Construction	88	560	-21	67	50	17	80	-2	65	15
		88	560	-21	67	50	17	80	-2	65	15
ghmount Estates											
sidential Units	Construction	88	240	-14	74	50	24	200	-6	68	18
single units)		88	400	-18	70	50	20	400	-12	58	8
		88	240	-14	74	50	24	200	-6	68	18
g Indian											
site Traffic		60	90	-4	56	48	8	70	-2	54	6
		60	160	-8	52	48	4	0	0	52	4
cess Road	Asphalt Pavement	81	90	-5	76	48	28	70	-2	74	26
0% of road within 500'	Trim/Clean-										
ceptor)	up/Topsoil/Grade	84	90	-5	79	48	31	70	-2	77	29
	Bridgework	83	160	-10	73	48	25	0	0	73	25
	Rock Excavation	86	90	-5	81	48	33	70	-2	79	31
	Drainage Pipework	80	90	-5	75	48	27	70	-2	73	25
		80	500	-20	60	48	12	500	-15	45	-3
	Subgrade Subbase	81	90	-5	76	48	28	70	-2	74	26
	Clearing	85	90	-5	80	48	32	70	-2	78	30
	Earth Excavation	90	90	-5	85	48	37	70	-2	83	35
		90	500	-20	70	48	22	500	-15	55	7
		90	90	-5	85	48	37	70	-2	83	35
	Rock Crushing	95	3380	-37	58	50	8	1600	-25	33	-17
	Typical	84	1000	-26	58	48	10	400	-12	46	-2
sort, Spa and Country											
ıb	Ground Clearing	84	3380	-37	47	41	6	1600	-25	22	-19
	Excavation	89	3380	-37	52	41	11	1600	-25	27	-14
	Foundations	78	3380	-37	41	41	0	1600	-25	16	-25
	Erection	87	3380	-37	50	41	9	1600	-25	25	-16
	Finishing	89	3380	-37	52	41	11	1600	-25	27	-14
sidential Units	Construction	88	1520	-30	58	41	17	1400	-25	33	-8
single units; 20											
lexes)											
lf Course	Year 1	90	1200	-28	62	41	21	1200	-25	37	-4
	Year 2	89	1200	-28	61	41	20	1200	-25	36	-5
	Year 3	90	1200	-28	62	41	21	1200	-25	37	-4
lf Maintenenance											
cilities	Construction	88	1000	-26	62	41	21	800	-24	38	-3
lleayre Highlands											
sbane Mansion and											
cilities	Construction	89	1400	-29	60	41	19	1200	-25	35	-6
sidential Units	Construction	88	1720	-31	57	41	16	1400	-25	32	-9
quadplexes)											0

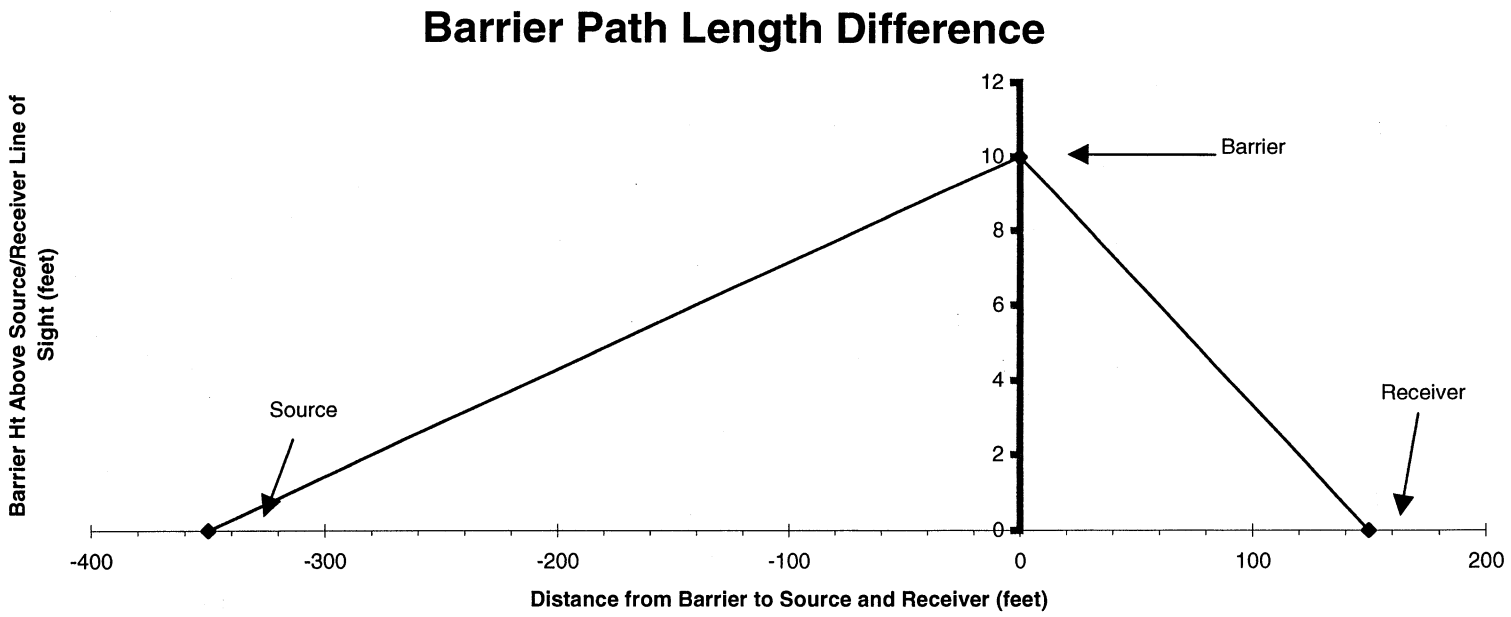
ssumes minimum required equipment present at site.

Barrier W1 - Mitigation for Wildacres Golf Club - Near Receptor

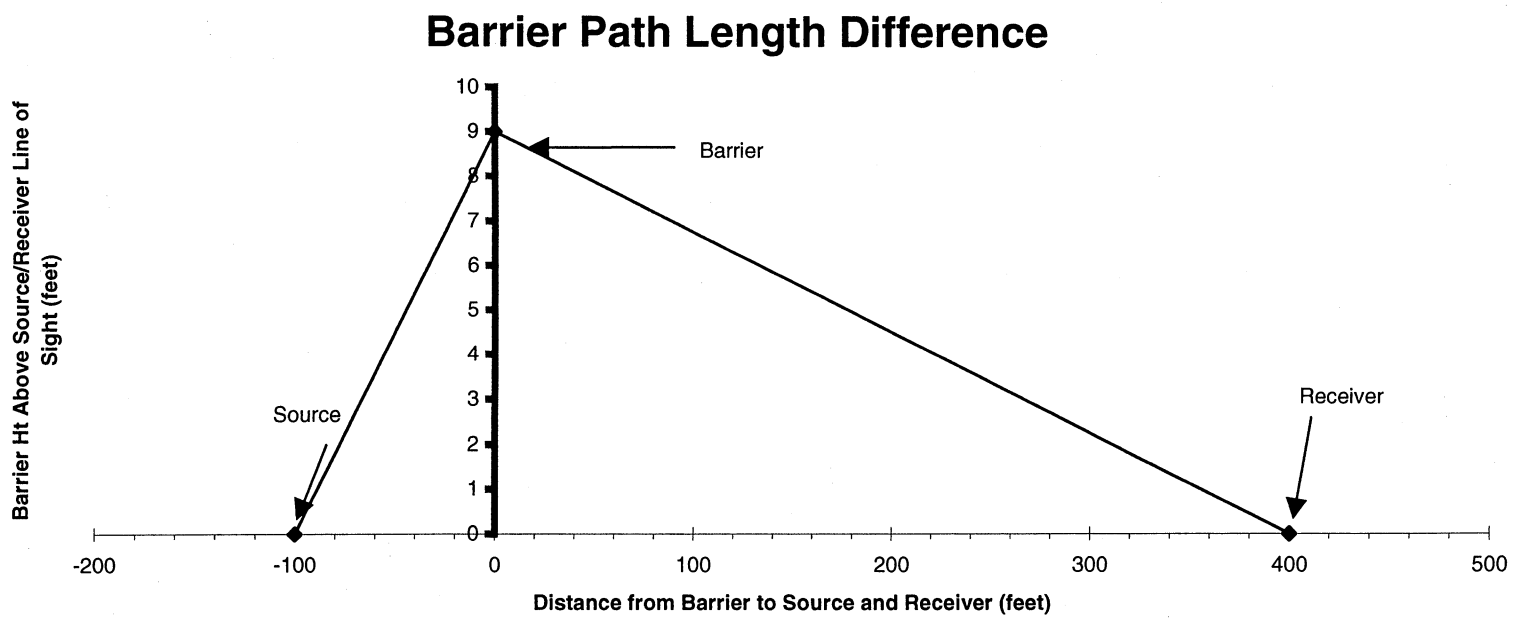
Barrier ID	Receiver to Barrier Distance S in feet	Source to Barrier Distance R in feet	Barrier Ht above LOS h in feet	Path Length Difference (delta in feet)	Source X Coordinate	Barrier X Coordinate	Receiver X Coordinate	Source Y Coordinate	Barrier Y Coordinate	Receiver Y Coordinate
W1	150	30	10	2.0	-30	0	150	0	10.0	0



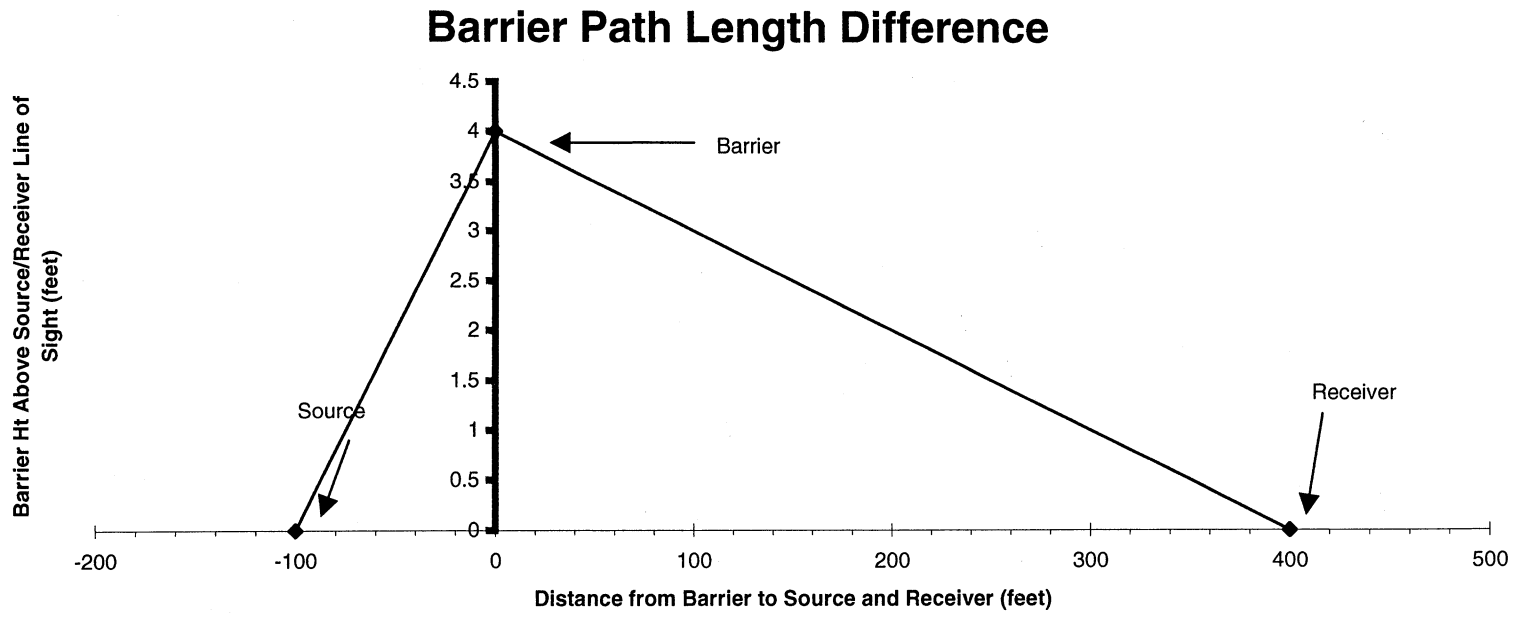
Barrier W2 - Mitigation for Wildacres Golf Club - 500 feet from Receptor										
Barrier ID	Receiver to Barrier Distance S in feet	Source to Barrier Distance R in feet	Barrier Ht above LOS h in feet	Path Length Difference (delta in feet)	Source X Coordinate	Barrier X Coordinate	Receiver X Coordinate	Source Y Coordinate	Barrier Y Coordinate	Receiver Y Coordinate
W2	150	350	10	0.5	-350	0	150	0	10.0	0



Barrier W2 - Mitigation for Wildacres Golf Club - 500 feet from Receptor										
Barrier ID	Receiver to Barrier Distance S in feet	Source to Barrier Distance R in feet	Barrier Ht above LOS h in feet	Path Length Difference (delta in feet)	Source X Coordinate	Barrier X Coordinate	Receiver X Coordinate	Source Y Coordinate	Barrier Y Coordinate	Receiver Y Coordinate
W3	400	100	9	0.5	-100	0	400	0	9.0	0



Barrier W2 - Mitigation for Wildacres Golf Club - 500 feet from Receptor										
Barrier ID	Receiver to Barrier Distance S in feet	Source to Barrier Distance R in feet	Barrier Ht above LOS h in feet	Path Length Difference (delta in feet)	Source X Coordinate	Barrier X Coordinate	Receiver X Coordinate	Source Y Coordinate	Barrier Y Coordinate	Receiver Y Coordinate
W3	400	100	4	0.10	-100	0	400	0	4.0	0



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