B Field Data Sheets

rev. 6/07

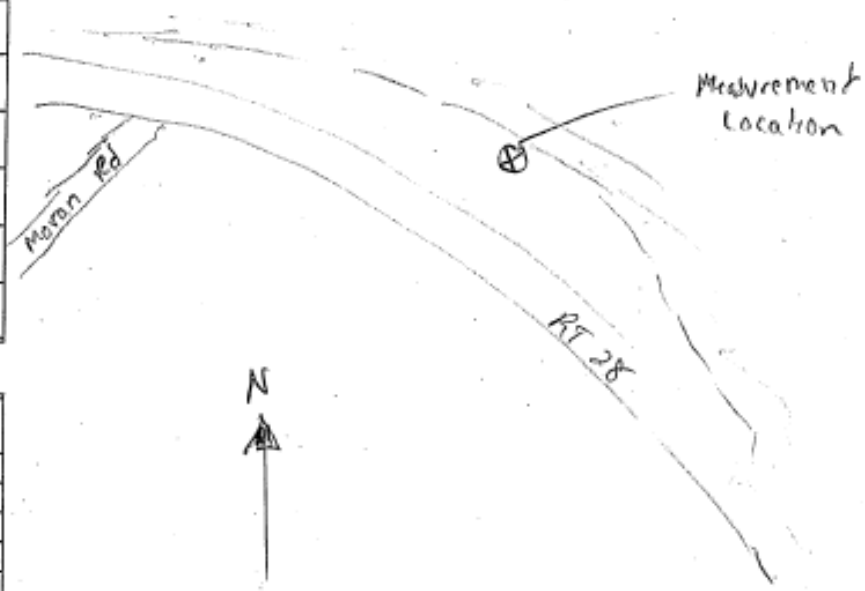
NOISE STUDY FIELD SHEET

Site Location: Belleayre Ski Center	NOISE SPECIALIST: T. Siener
Purpose: Existing Traffic Noise	DATE: 7-1-08
Conditions:	WEATHER: Partly cloudy, calm
	Ground Conditions: Field

LOCATION:	RT 28 Highmont to Fleischmanns
Run Number:	1
START TIME	5:37 PM
STOP TIME	5:57 PM
L_{eq} Day	60.7
Peak	
Max	
RUN TIME	20
File Number:	

Time	Wind (FPM)

Site Sketch



NOISE METER:	CALIBRATOR:
MAKE: B & K	MAKE: B&K
MODEL: 2260	MODEL: 4231
SER. NUMBER: 2391318	SER. NUMBER: 2394049
FACTORY CALIBRATION DATE: 5-8-08	FACTORY CALIBRATION DATE: 5-8-08
FIELD CALIBRATION DATE: 7-1-08	94 dBA

Notes:

At edge of woods and field
Birds singing
distant chain saw

Photo:
Saved:

rev. 6/07

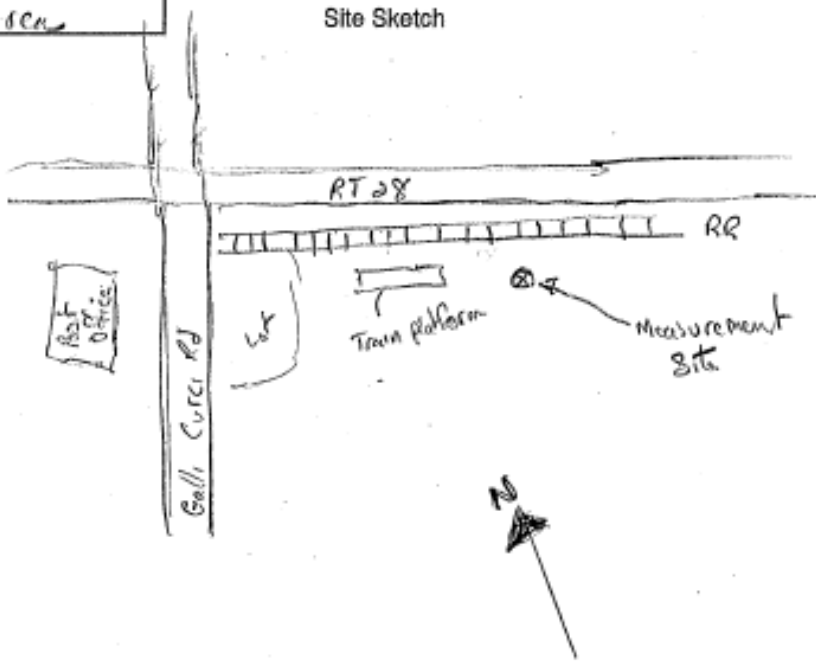
NOISE STUDY FIELD SHEET

Site Location: Belleayre Ski Center	NOISE SPECIALIST: T. Siener
Purpose: Existing Traffic Noise	DATE: 7-2-08
Conditions: Traffic along RT 28	WEATHER: Sunshine, 75, Breezy
	Ground Conditions: Grass

LOCATION:	RT 28 Grassy Area
Run Number:	2
START TIME	11:51 am
STOP TIME	12:11 am
L_{eq} Day	60.4
Peak	
Max	
RUN TIME	20
File Number:	

Time	Wind (FPM)

Site Sketch



NOISE METER:	CALIBRATOR:
MAKE: B & K	MAKE: B&K
MODEL: 2260	MODEL: 4231
SER. NUMBER: 2391318	SER. NUMBER: 2394049
FACTORY CALIBRATION DATE: 5/8/08	FACTORY CALIBRATION DATE: 5/8/08
FIELD CALIBRATION DATE: 7/2/08	94 dBA

Notes:

Birds Singing
Activity at Post office (car doors)
Flag snap

Photo:
Saved:

rev. 6/07

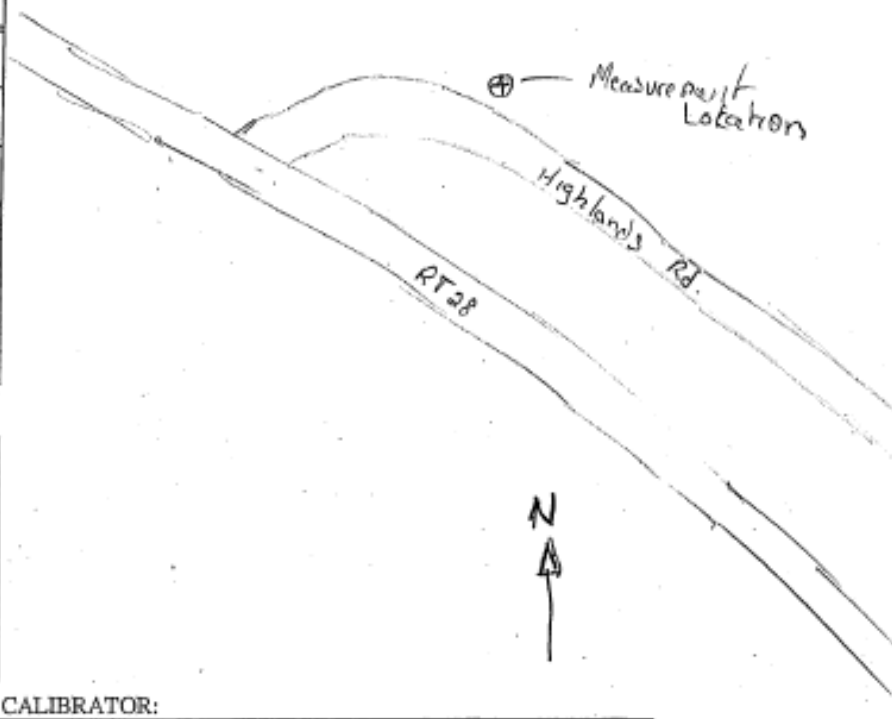
NOISE STUDY FIELD SHEET

Site Location: Belleayre Ski Center	NOISE SPECIALIST: T. Siener
Purpose: Existing Traffic Noise	DATE: 7-2-08
Conditions:	WEATHER: 60° Sunshine Calm
	Ground Conditions: Hard & Grass

LOCATION:	Highlands Road at RT 28
Run Number:	3
START TIME	8:55 am
STOP TIME	9:15 am
L_{eq} Day	62.1
Peak	
Max	
RUN TIME	20
File Number:	

Time	Wind (FPM)

Site Sketch



NOISE METER:	CALIBRATOR:
MAKE: B & K	MAKE: B&K
MODEL: 2260	MODEL: 4231
SER. NUMBER: 2391318	SER. NUMBER: 2394049
FACTORY CALIBRATION DATE: 5/8/08	FACTORY CALIBRATION DATE: 5/8/08
FIELD CALIBRATION DATE: 7-2-08	94 dBA

Notes:

Birds Singing
Traffic

Photo:
Saved:

rev. 8/07

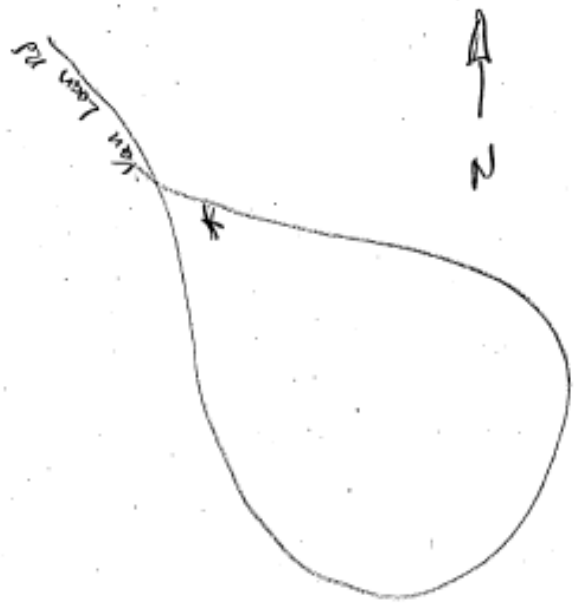
NOISE STUDY FIELD SHEET

Site Location: Van Loan Road	NOISE SPECIALIST: T. Siener
Purpose: Ambient Noise	DATE: 7-2-08
Conditions:	WEATHER: Sunshine, 78°F, Light breez
	Ground Conditions: grass

LOCATION:	Van Loan Road
Run Number:	4
START TIME	10:18 AM
STOP TIME	10:38 AM
L_{eq} Day	56.2
Peak	
Max	
RUN TIME	20
File Number:	

Time	Wind (FPM)

Site Sketch



NOISE METER:	CALIBRATOR:
MAKE: B & K	MAKE: B&K
MODEL: 2260	MODEL: 4231
SER. NUMBER: 2391318	SER. NUMBER: 2394049
FACTORY CALIBRATION DATE: 5/8/08	FACTORY CALIBRATION DATE: 5-8-08
FIELD CALIBRATION DATE: 7-2-08	-27.0 dB Sensitivity 94 dB Cal

Notes:

At start of Road Loop
Distant traffic Hwy 38
Song birds, insects

Photo:
Saved:

rev. 6/07

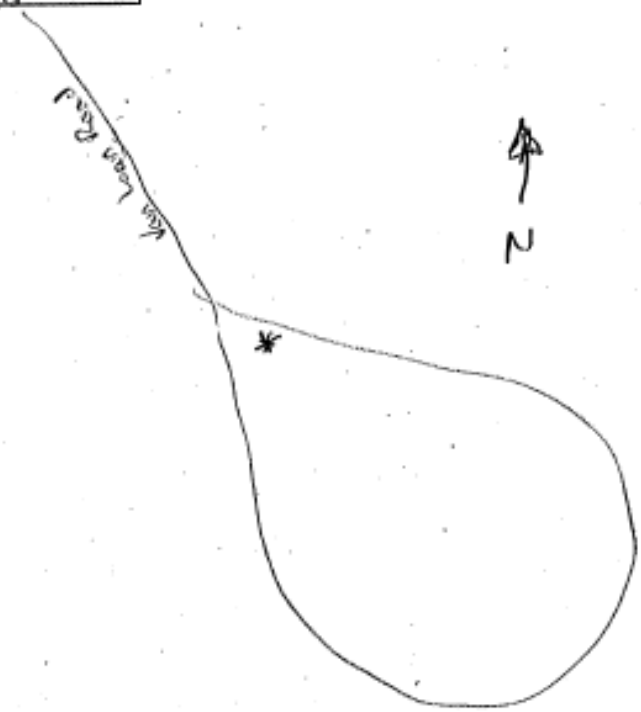
NOISE STUDY FIELD SHEET

Site Location: Van Loan Road	NOISE SPECIALIST: T. Siener
Purpose: Ambient Noise	DATE: 7-2-08
Conditions:	WEATHER: clear, calm, 70s
	Ground Conditions: grass

LOCATION:	Van Loan Road
Run Number:	5
START TIME	8:25 pm
STOP TIME	8:45 pm
L_{eq} Day N	47.6
Peak	
Max	
RUN TIME	
File Number:	

Time	Wind (FPM)

Site Sketch



NOISE METER:	CALIBRATOR:
MAKE: B & K	MAKE: B&K
MODEL: 2260	MODEL: 4231
SER. NUMBER: 2391318	SER. NUMBER: 2394049
FACTORY CALIBRATION DATE: 5-8-08	FACTORY CALIBRATION DATE: 5-8-08
FIELD CALIBRATION DATE: 7-2-08	94 dBA

Notes:

Beginning of Road Loop
Distant traffic Hwy 28
Insects

Photo:
Saved:

Traffic Count During Noise Measurement for Model Check

Route 28 Between Highmont and Fleischmans

Count	Time (min)	CAR		MEDIUM TRUCK		HEAVY TRUCK	
		Near Lane	Far Lane	Near Lane	Far Lane	Near Lane	Far Lane
Actual	20	34	36	0	2	2	1
Hour adjusted	60	102	108	0	6	6	3

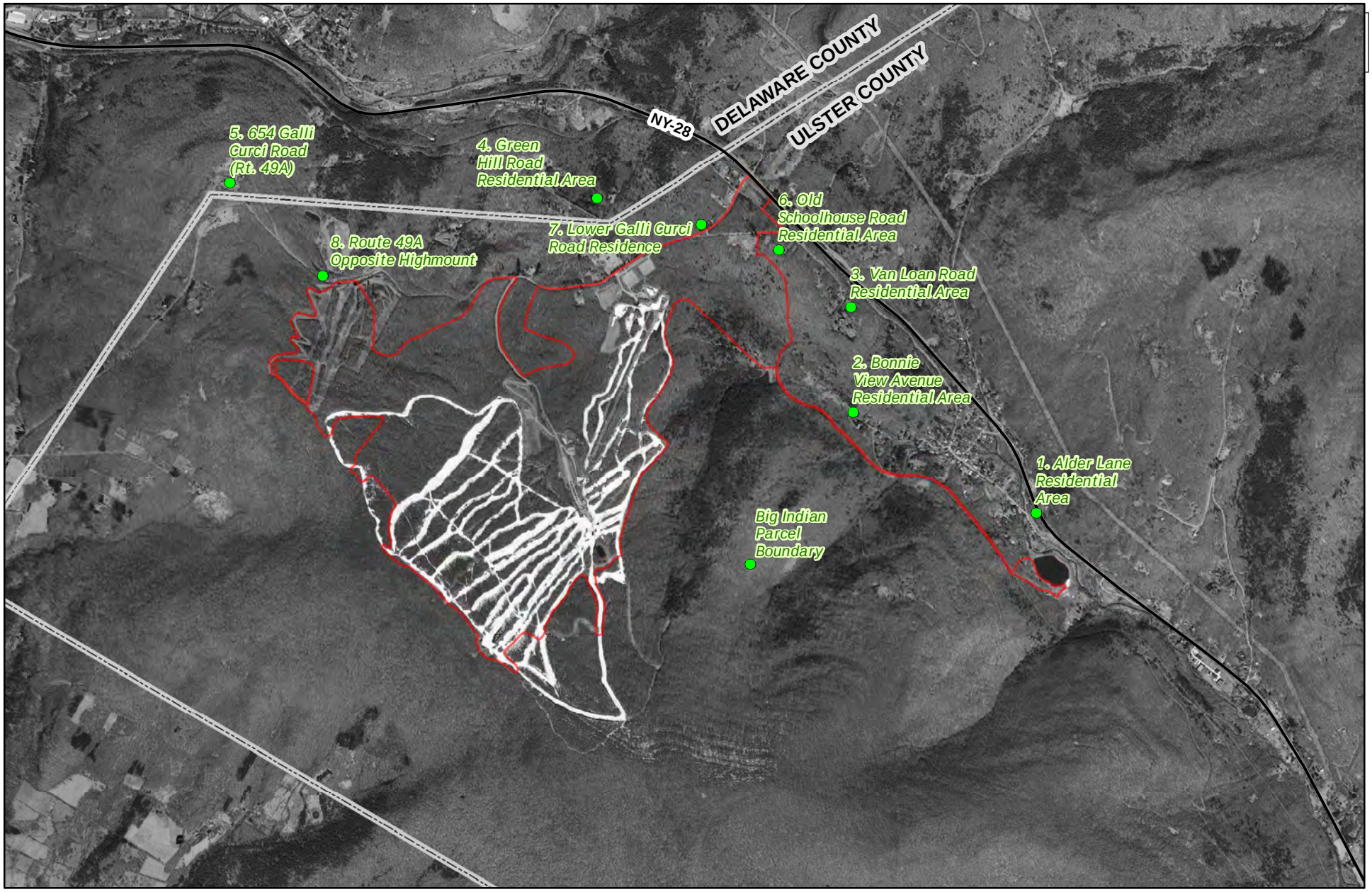
Route 28 Grassy Area Opposite Post Office

Count	Time (min)	CAR		MEDIUM TRUCK		HEAVY TRUCK	
		Near Lane	Far Lane	Near Lane	Far Lane	Near Lane	Far Lane
Actual	20	41	32	4	2	1	3
Hour adjusted	60	123	96	12	6	3	9

Highlands Road at Route 28

Count	Time (min)	CAR		MEDIUM TRUCK		HEAVY TRUCK	
		Near Lane	Far Lane	Near Lane	Far Lane	Near Lane	Far Lane
Actual	20	29	28	6	3	0	2
Hour adjusted	60	87	84	18	9	0	6

2 Noise Figures



0 2,000 Feet

Belleayre Mountain Ski Center
Catskill State Park

Project Area, NYS Orthoimagery , 2004

Noise Receptor
Project Boundary

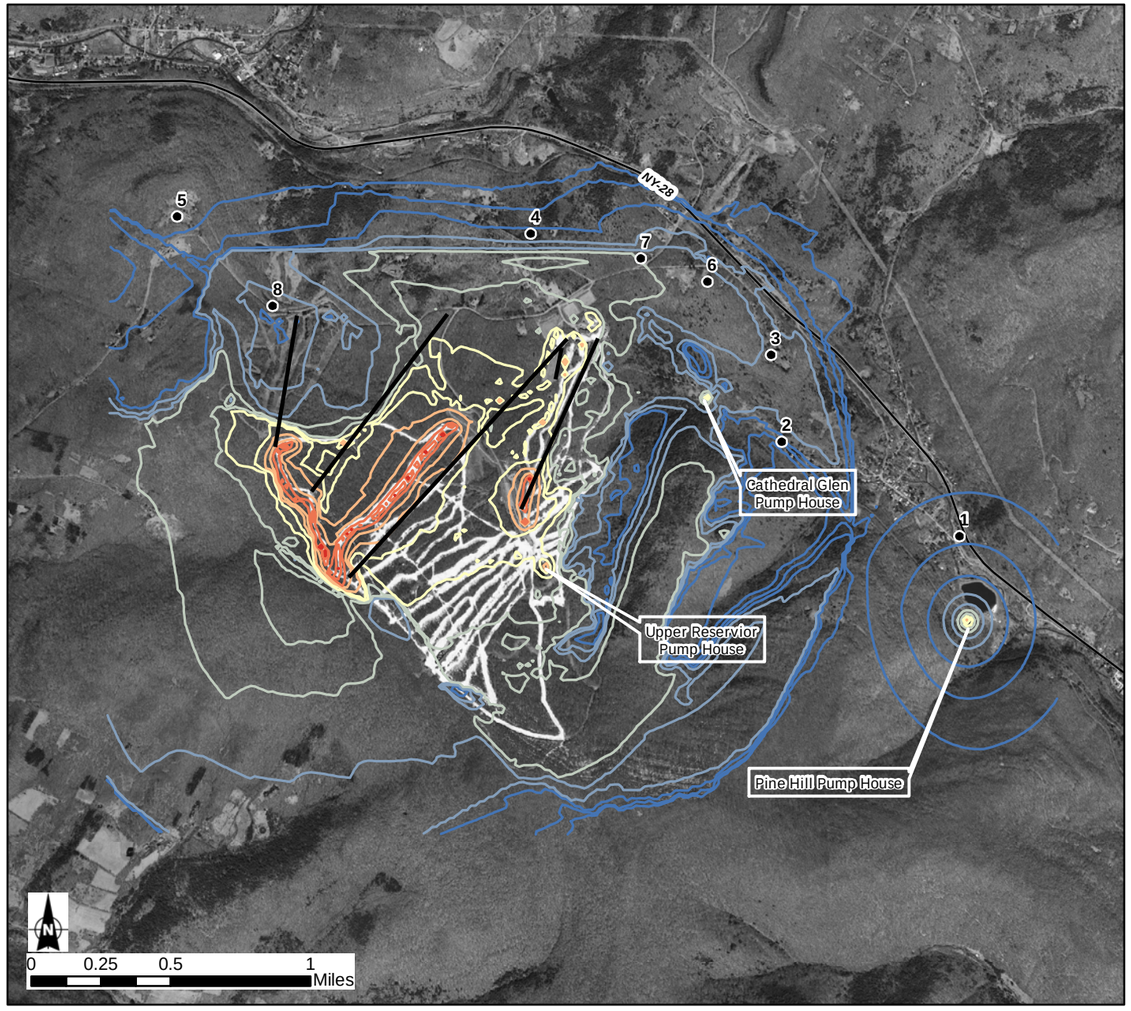
Data Source: NYS Orthoimagery Program 2004; NYSDEC 2008

Sheet No. 1

Figure 4.10-1 Noise Receptor Locations

File: L:\Buffalo\BelleayreUMP\Maps\MXDs\Workarea\WWW_New_Noise_Receptors.mxd

Date: February 23, 2011

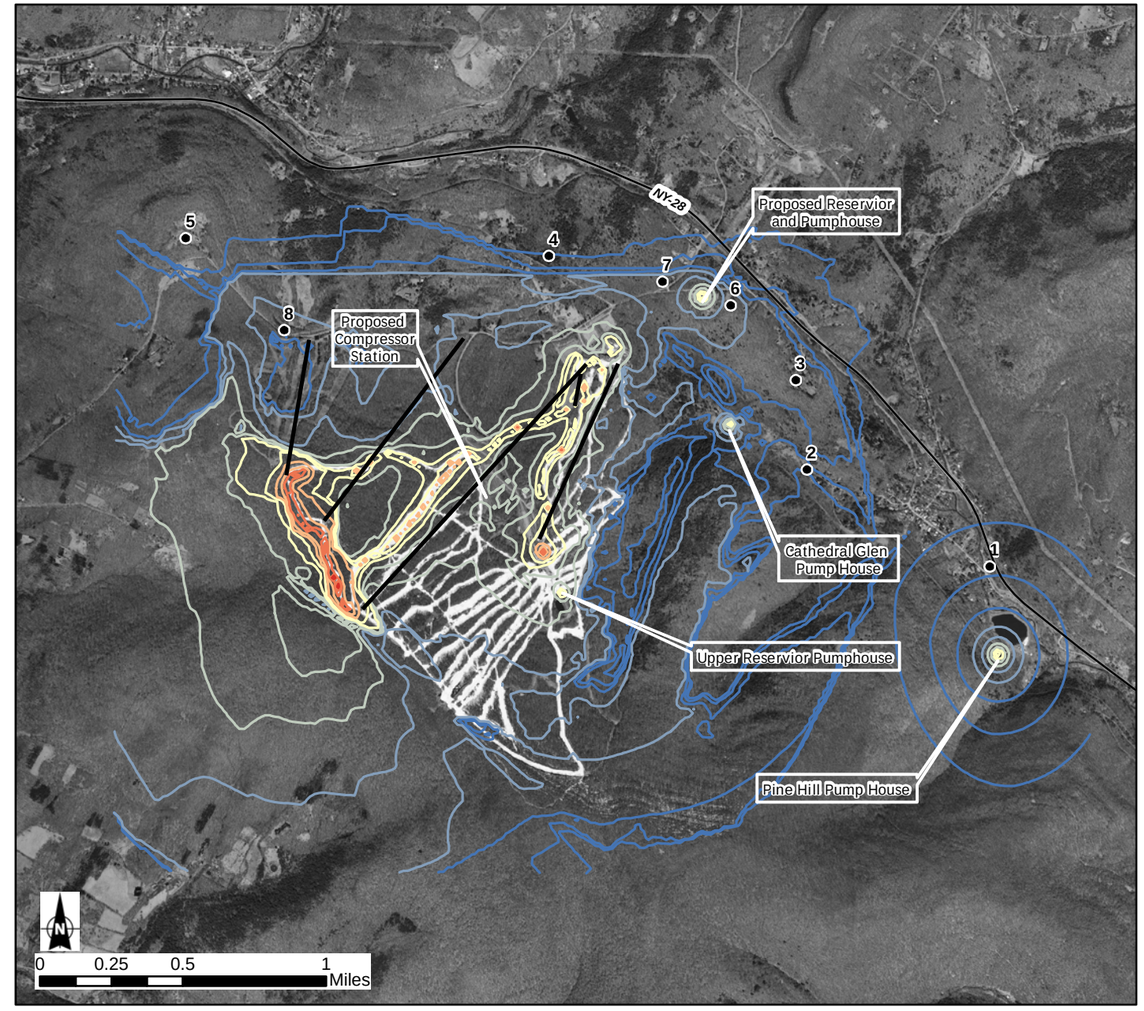


NOISE LEVELS FOR EXISTING OPERATIONS DURING PHASE 1 SNOWMAKING

- Sensitive Receptors
- Proposed Ski Lift (July, 2009)

Noise Level

- 30 - 40 dB
- 40 - 50 dB
- 50 - 60 dB
- 60 - 70 dB
- 70 - 80 dB
- 80 - 90 dB
- 90 - 100 dB



NOISE LEVELS FOR FUTURE OPERATIONS DURING PHASE 1 SNOWMAKING

- Sensitive Receptors
- Proposed Ski Lift (July, 2009)

Noise Level

- 30 - 40 dB
- 40 - 50 dB
- 50 - 60 dB
- 60 - 70 dB
- 70 - 80 dB
- 80 - 90 dB
- 90 - 100 dB

Belleayre Mountain Ski Center
Catskill State Park

Project Area, USGS 1:24,000 Topographic Imagery

Sensitive Receptor Sites

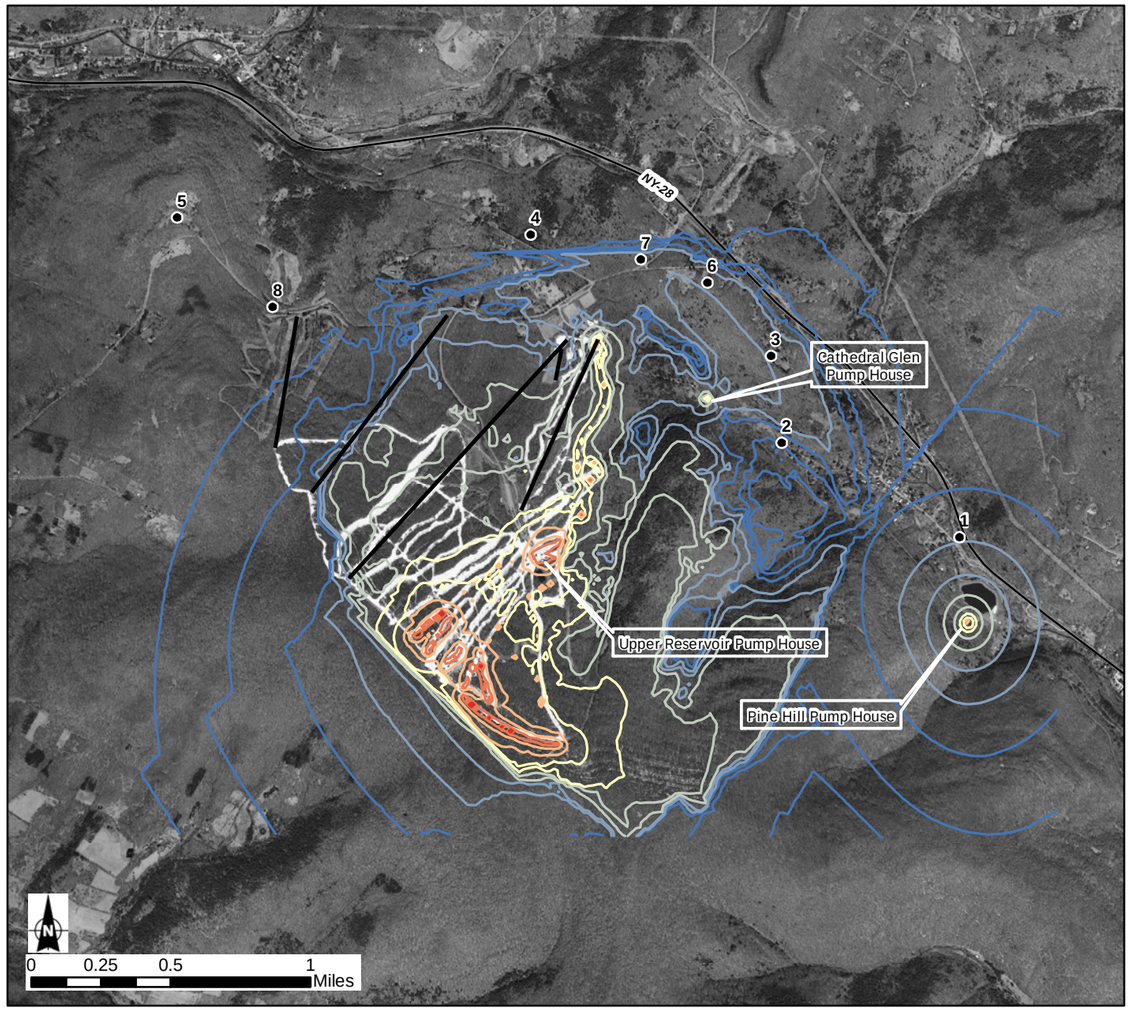
#	Name
1	Alder Lane Residential Area
2	Bonnie View Avenue Residential Area
3	Van Loan Road Residential Area
4	Green Hill Road Residential Area
5	654 Galli Curci Road
6	Old Schoolhouse Road
7	Lower Galli Curci Road Residence
8	Route 49A Opposite Highmount

Data Source: ESRI 2008; E&E, Inc.2009; NYS Orthoimagery Program 2004 ; NYSDEC noise inputs, February 2011

Title: Figure 4.10-2 Belleayre Mountain Ski Center Noise Contours - Phase 1

Path: © Ecology & Environment, Inc. GIS Department Project #:001636.NO70.01 Project # L:\Buffalo\BelleayreUMP\Maps\MXDs\NoiseAnalysis\Feb_2011\Phase_1_Noise_Feb2011.mxd 2/24/2011

Date: February 24, 2011

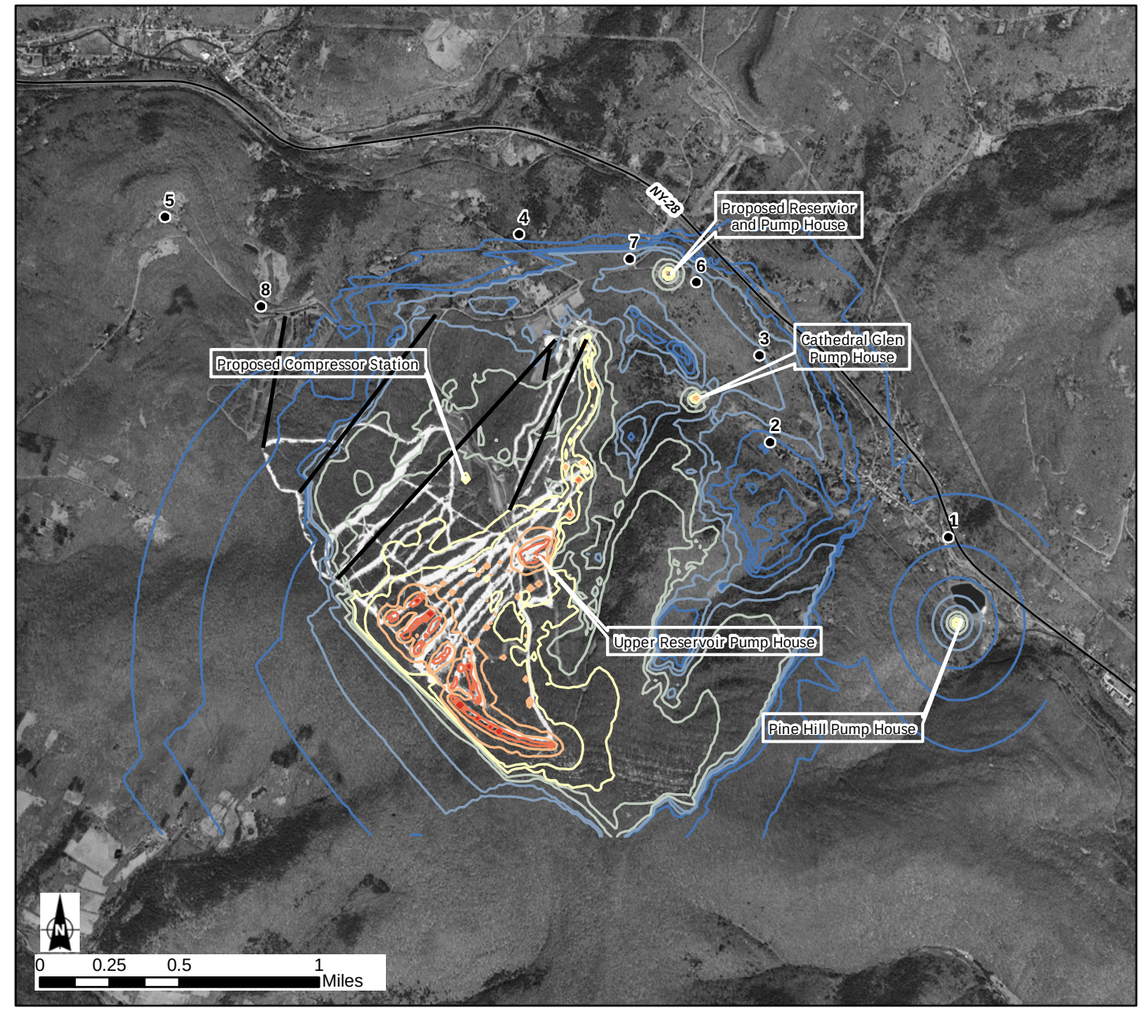


NOISE LEVELS FOR EXISTING OPERATIONS DURING PHASE 2 SNOWMAKING

- Sensitive Receptors
- Proposed Ski Lift (July, 2009)

Noise Level

- 30 - 40 dB
- 40 - 50 dB
- 50 - 60 dB
- 60 - 70 dB
- 70 - 80 dB
- 80 - 90 dB
- 90 - 100 dB



NOISE LEVELS FOR FUTURE OPERATIONS DURING PHASE 2 SNOWMAKING

- Sensitive Receptors
- Proposed Ski Lift (July, 2009)

Noise Level

- 30 - 40 dB
- 40 - 50 dB
- 50 - 60 dB
- 60 - 70 dB
- 70 - 80 dB
- 80 - 90 dB
- 90 - 100 dB

Belleayre Mountain Ski Center
Catskill State Park

Project Area, USGS 1:24,000 Topographic Imagery

Sensitive Receptor Sites

#	Name
1	Alder Lane Residential Area
2	Bonnie View Avenue Residential Area
3	Van Loan Road Residential Area
4	Green Hill Road Residential Area
5	654 Galli Curci Road
6	Old Schoolhouse Road
7	Lower Galli Curci Road Residence
8	Route 49A Opposite Highmount

Data Source: ESRI 2008; E&E, Inc.2009; NYS Orthoimagery Program 2004; NYSDEC noise inputs, February 2011.

Title: Figure 4.10-3 Belleayre Mountain Ski Center Noise Contours - Phase 2

Path: © Ecology & Environment, Inc. GIS Department Project #:001636.NO70.01 Project # L:\Buffalo\BelleayreUMP\Maps\MXDs\NoiseAnalysis\Feb_2011\Phase_2_Noise_Feb2011.mxd 2/24/2011

Date: February 24, 2011