

SERDP CERL Participant Response Sheet

**An Investigation of Community Attitudes towards Noise**

**In-situ Questionnaire**

11/25/07

The PDA will be used in response to Individual events and to record a Summary of daily events. They would use the PDA throughout the day as needed (Option1), and they would make a record on the PDA before they go to bed and after they get out of bed in the morning (Option 2):

- 1) Individual Blast Noise Events:
  - a. Provide immediate response to each single blast noise event that is noticed
- 2) Summary of Events:
  - a. Daily response each morning for blast noise events heard during the night
  - b. Daily response in evening
    - i. Summarizing all of the blast noise events of the day
    - ii. Providing feedback if no blast events prompted response

### Questions for option 1 (Response to single blast noise event):

- 1) When did the blast noise occur?  
TIME  
DAY/DATE?
- 2) Next is a zero to ten opinion scale for how much blast noise bothers or annoys you when you are here at home. If you are not at all annoyed choose zero, if you are extremely annoyed choose ten, if you are somewhere in between choose a number between zero and ten. Thinking about the event that you just heard, what number from zero to ten best shows how much you are bothered or annoyed by blast noise?  

0	1	2	3	4	5	6	7	8	9	10
Not at all										Extremely
- 3) Where you inside or outside of your home when the blast noise event occurred?
  1. Inside
  2. Outside
- 4) What were you doing when the blast noise event occurred?
  1. Quiet activity such as relaxing or sleeping
  2. Eating a meal or reading
  3. Watching TV, listening to music or talking
  4. Using appliances, power tools or lawn equipment
  5. Other
- 5) Use a zero to ten opinion scale to rate how loud the blast noise sounds when you are here at home. If the blast noise was not at all loud choose zero, if the blast

noise was extremely loud choose ten, if you are somewhere in between choose a number between zero and ten. Thinking about the event that you just heard, what number from zero to ten best shows how loud the blast noise was?

0 1 2 3 4 5 6 7 8 9 10

Not at all

Extremely

- 6) Did the blast noise you heard interfere with your activity? Use a zero to ten opinion scale to rate how intrusive the blast noise sounds when you are here at home. If the blast noise was not at all intrusive choose zero, if the blast noise was extremely intrusive choose ten, if you are somewhere in between choose a number between zero and ten. Thinking about the event that you just heard, what number from zero to ten best shows how intrusive the blast noise was?

0 1 2 3 4 5 6 7 8 9 10

Not at all

Extremely

- 7) Did the blast noise startle you or make you jump? If you were not at all startled choose zero, if you were extremely startled choose ten, if you were somewhere in between choose a number between zero and ten. Thinking about the event that you just heard, what number from zero to ten best shows how much you are startled by blast noise?

0 1 2 3 4 5 6 7 8 9 10

Not at all

Extremely

- 8) Vibration is a motion. The motion may be seen, felt or heard. For this question, we mean how much vibration did you notice that you could see or feel. If the blast noise caused no vibration that you noticed choose zero, if the blast noise caused a great deal of vibration choose ten, if the vibration was somewhere in between choose a number between zero and ten. Thinking about the event that you just heard, what number from zero to ten best shows how much vibration you noticed as a result of the blast noise?

0 1 2 3 4 5 6 7 8 9 10

None

A great deal

- 9) Rattle is a type of noise that can occur when objects move due to a vibration. For this question, how much rattle did you notice? If the blast noise caused no rattle that you noticed choose zero, if the blast noise caused a great deal of rattle choose ten, if the rattle was somewhere in between choose a number between zero and ten. Thinking about the event that you just heard, what number from zero to ten best shows how much rattle did you notice as a result of the blast noise?

0 1 2 3 4 5 6 7 8 9 10

None

A great deal

- 10) Extra comments? (Y/N) If so, subjects can input a text message into the PDA.

### Questions for option 2 (Daily response to noise events):

Respondents will record their impressions at least twice a day, once in the morning and again in the evening, using the PDA to ask for responses to the following questions

Option (2) will have 2 response periods:

- 1) Before you go to bed questions
- 2) When you get out of bed in the morning questions

THESE QUESTIONS WILL BE THE SAME FOR BOTH OPTIONS

- 1) How many blast events do you recall hearing today (or last night) while at home?

[Subjects will enter exact number]

If 0 then terminate

- 2) Next is a zero to ten opinion scale for how much blast noise bothers or annoys you when you are here at home. If you are not at all annoyed choose zero, if you are extremely annoyed choose ten, if you are somewhere in between choose a number between zero and ten. Thinking about the last 12 hours what number from zero to ten best shows how much you are bothered or annoyed by blast noise?

0    1    2    3    4    5    6    7    8    9    10

Not at all

Extremely

- 3) Use a zero to ten opinion scale to rate how loud the blast noise sounds when you are here at home. If the blast noise was not at all loud choose zero, if the blast noise was extremely loud choose ten, if you are somewhere in between choose a number between zero and ten. Thinking about the last 12 hours, what number from zero to ten best shows how loud the blast noise was?

0    1    2    3    4    5    6    7    8    9    10

Not at all

Extremely

- 4) Did the blast noise you heard interfere with your activities? Use a zero to ten opinion scale to rate how intrusive the blast noise sounds when you are here at home. If the blast noise was not at all intrusive choose zero, if the blast noise was extremely intrusive choose ten, if you are somewhere in between choose a number between zero and ten. Thinking about the last 12 hours, what number from zero to ten best shows how intrusive the blast noise was?

0    1    2    3    4    5    6    7    8    9    10

Not at all

Extremely

- 5) Vibration is a motion. The motion may be seen, felt or heard. For this question, we mean how much vibration did you notice that you could see or feel. If the blast noise caused no vibration that you noticed choose zero, if the blast noise caused a great deal of vibration choose ten, if the vibration was somewhere in between choose a number between zero and ten. Thinking about the last 12 hours, what number from zero to ten best shows how much vibration you noticed as a result of the blast noise?

0    1    2    3    4    5    6    7    8    9    10

None

A great deal

- 6) Rattle is a type of noise that can occur when objects move due to a vibration. For this question, how much rattle did you notice? If the blast noise caused no rattle

that you noticed choose zero, if the blast noise caused a great deal of rattle choose ten, if the rattle was somewhere in between choose a number between zero and ten. Thinking about the event that you just heard, what number from zero to ten best shows how much rattle did you notice as a result of the blast noise?

0      1      2      3      4      5      6      7      8      9      10

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None

A great deal

7) Extra comments? (Y/N) If so, subjects can input a text message into the pda.