**Appendix D: Household Survey**

Interviewer\_\_\_\_\_\_\_\_\_\_ Household ID\_\_\_\_\_\_\_\_\_\_\_

Form Approved

OMB No. 0923-0051

Exp. Date 03/31/2018

Date \_\_\_\_\_\_\_\_\_\_\_\_\_ Start time \_\_\_\_\_\_\_\_\_\_\_\_\_ End time \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cluster/Zone \_\_\_\_\_\_\_\_\_\_ Latitude \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Longitude \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type of residence

 Single family Multiple unit Mobile home Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HOUSEHOLD SURVEY**

**Module A: Contact Information**

1. What is your full name? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is your street address?

Street Apt

City \_\_ State \_\_ \_\_ Zip Code:

1. What is the best telephone number to reach you in case we have questions about your survey? Please specify if this is a cellular phone, house phone, or work phone.

( \_\_ \_\_ \_\_ ) \_\_ \_\_ \_\_ ‑ \_\_ \_\_ \_\_ \_\_ Cell House Work

**Module B: Demographics**

1. How many people live in this residence? \_\_\_\_\_

How many are male? \_\_\_\_\_ How many are female? ­­­­­\_\_\_\_\_

1. How many people that live here are less than two years old? \_\_\_\_\_

2−17 years old? \_\_\_\_\_ 18−64 years old? \_\_\_\_\_ More than 64 years old? \_\_\_\_\_

1. How many people in this household are of Hispanic, Latino, or Spanish origin? ­­­­\_\_\_\_\_
2. To which race do members of this household most identify? I will read a list of races. Please tell me how many people in the household identify as being that race. Record the number of people of each race described:

\_\_\_\_\_ Black \_\_\_\_\_ American Indian/Alaska Native

\_\_\_\_\_ White \_\_\_\_\_ Native Hawaiian or other Pacific Islander

\_\_\_\_\_ Asian

This information is collected under the authority Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), commonly known as the "Superfund" Act, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 and the Public Health Service Act (42 USC Sec. 301 [241]). ATSDR estimates the average public reporting burden of this collection of information as 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office; 1600 Clifton Road NE, MS D-74 Atlanta, Georgia 30333; ATTN: PRA (0923-0051).

**Module C: Location/Exposure and Communications**

1. Was anyone home at any time between [Incident Date/Time] and [End Date/Time]?

 Yes

 No

1. After [the release] did you or anyone else in your household detect any unusual smells or tastes that you think were related to the incident?

 Yes

 No

1. How did your family first receive information or instructions about the incident? Check only one.

 Noticed odor/saw chemical Directly from person in authority (police, firefighter)

 Reverse 911 call to landline phone Reverse 911 call to cell phone

 Call to landline phone Call to cell phone

 TV Radio

 Text message on a cell phone Social media (Facebook, Twitter)

 Directly from another person (such as friend or relative)

 Other (Please specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. As the incident progressed, how did you obtain information? Check all that apply.

 Directly from person in authority (police, firefighter)

 Reverse 911 call to landline phone Reverse 911 call to cell phone

 Call to landline phone Call to cell phone

 TV Radio

 Text message on a cell phone Social media

 Website Community meeting

 Newspaper

 Directly from another person (such as friend or relative)

 Other (Please specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Did your household receive instructions to shelter in place (meaning stay inside with the doors and windows closed) after [the release]?

 Yes

 No  Go to Question C7

1. How did you receive instructions to shelter in place?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Were you given specific instructions about how to shelter in place?

 Yes

 No

1. What actions, if any, did you take to shelter in place?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Did your household evacuate after [the release]?

 Yes

 No  Go to Question C13

1. Which day and at approximately what time did you evacuate?

\_\_\_\_/\_\_\_\_/\_\_\_\_\_\_ \_\_\_\_:\_\_\_\_\_ AM PM

 MM DD YYYY

1. When you evacuated, where did you go?

 Shelter Hotel Friend’s/family’s house Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. When did you return home? \_\_\_\_/\_\_\_\_/\_\_\_\_\_\_ \_\_\_\_:\_\_\_\_\_ AM PM

 MM DD YYYY

1. Do you have any pets?

 Yes  Go to Question C15

 No

1. What kind of pets do you have and how many are there of each kind?

\_\_\_\_\_ Dog(s)

\_\_\_\_\_ Cats(s)

\_\_\_\_\_ Bird(s)

\_\_\_\_\_ Fish

\_\_\_\_\_ Other (specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If you have pets, did you take all of them them with you when you evacuated?

 Yes  Go to Question C15

 No

 Took some but not all  Go to Question C14

1. Which pets did you leave behind when you evacuated and what led to your decision to leave them?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Module D: Health Status**

1. Within 24 hours of the incident, did you or anyone in your family have any symptoms of an illness?

 Yes

 No  Go to Question E1

1. I will now read a list of symptoms that sometimes can follow exposure to [chemical]. Please tell me if anyone in the household who experienced each symptom within 24 hours of the release. Do not include a symptom that someone had before the release unless it got worse after the release. For each symptom that someone experienced, ask: How many people in the household experienced [symptom]?

Eye irritation Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Nose or throat irritation Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Coughing Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Wheezing Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Difficulty breathing Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Headache Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Dizziness or lightheadedness Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Ringing of the ears Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Nausea Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Vomiting Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Skin itching or burning Y N DK If yes, how many? \_\_\_\_\_\_\_\_

Skin rash Y N DK If yes, how many? \_\_\_\_\_\_\_\_

1. Were there any symptoms I didn’t ask about that members of the household experienced?

 Yes (Please specify.)

 No

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Module E: Medical Care Received**

1. Did you or anyone in your family receive medical care or a medical evaluation because of the incident?

 Yes 🡺 Go to Question F3

 No

1. Ask only if someone had symptoms: Why didn’t you or your family members seek medical care?

 Symptoms were not bad enough

 Don’t like to go to the doctor

 Didn’t want to take time

 Worried about who would pay for the medical visit

 Worried about losing job

 Other (Please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Unsure

1. For each person who received medical care, please tell me the person’s name, where they received care, and the date. Please include medical evaluations by emergency medical services or EMTs, hospitals, and doctor’s offices.

|  |  |  |
| --- | --- | --- |
| **Name** | **Where Received Care** | **Date** |
|  |  |  |
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|  |  |  |
|  |  |  |

1. If a hospital was named, ask: Was [name] treated and released from the emergency department or hospitalized? If hospitalized, ask: How long was [he/she] hospitalized?

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Treated and Released** | **Hospitalized** | **Duration of Hospitalization** |
|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

 **Module F: Needs**

1. As a result of the incident, does your household need any of the following…

Read all choices to the respondent.

Medicines or medical supplies Yes No

Medical care Yes No

Water Yes No

Food Yes No

Shelter Yes No

Utilities Yes No

Anything else Yes No

If needs are identified in Question F1, obtain details on exactly what is needed.

 **Module G: Other Information**

1. Is there anything else you want to tell us related to the [chemical] incident?

That completes this survey. I would like to sincerely thank you for your time. Be sure to record the end time on the first page of this survey.