### **CTEPP**

# PRE-MONITORING QUESTIONNAIRE (FORM #4) (PARENT)

The Pre-Monitoring Questionnaire is used to collect information on potential sources of pollutant exposures at the participant's home. It is a personal interview survey and will be administered by the project staff during a visit to the participant's home (before the air sampling). The estimated time to complete this form is 30 minutes.

OMB No. 2080-0061

Expiration Date: <u>03/31/2003</u>

## CHILDREN'S TOTAL EXPOSURE TO PERSISTENT PESTICIDES AND OTHER PERSISTENT ORGANIC POLLUTANTS

"CTEPP"

# PARENT PRE-MONITORING QUESTIONNAIRE

(FORM #4)

Public reporting burden for this collection of information is estimated to average [ 30 ] minutes per response, and to require [ 0 ] minutes record keeping. This includes 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 the burden to the Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2137), 401 M St., S.W., Washington, D.C. 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

PARTICIPANT ID#:		J - L			-	
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### INTERVIEW INFORMATION

			I	PARTICIPANT ID#:	-    -  -  -  -  -  -  -  -  -  -  -
RE	CORD:	0 1	SUBRECORD: 0 0	VE	ERSION: 0 1
	STAFF ID #	DATE	TIME STARTED	TIME ENDED	RESULTS (IF INCOMPLETE, SPECIFY REASON)
01	Ш	MM DD YYYY		:   AM / PM	COMPLETE 1 INCOMPLETE 2
02	Ш	MM DD YYYY	AM / PM		COMPLETE 1 INCOMPLETE 2
03	Ш	MM DD YYYY	LLI: LAM/PM	: AM / PM	COMPLETE 1 INCOMPLETE 2
04	Ш	MM DD YYYY	: L AM / PM	: AM / PM	COMPLETE 1 INCOMPLETE 2
		REAS	ONS FOR NONCOMP	LETION:	
01					
02					
03					
0.4					
04					
RES	SPONDE	NT'S COOPERATION WAS:	GOOD FAIR	)	
	E OVER ERVIEV	ALL QUALITY OF THIS V WAS:	GENERALLY QUESTIONA	ITY	
REA	ASON(S)	FOR THE UNRELIABLE OR QUI	ESTIONABLE QUALITY OF TH	HE INTERVIEW:	

DK ..... 8

In this interview we will be discussing a number of topics including your home, your family, your child's daily activities, and any commercial chemical products used in and around your home. I'd like to begin by asking some questions about the house (apartment).

### AGE OF THE HOUSE/BUILDING

A1.	How old is the house (apartment)?	YEARS	MONTHS	(
		(DK = 998)	(DK = 98)	
	INTERVIEWER: IF DK, ASK WHO MAY KNOW. GET NAMES & PHONE NUMBER.			
				(
	NAME:			(
	TELEPHONE NUMBER:			
CARI	PET INFORMATION			
A2.	Is there any carpet (including area rugs) in your	YES	1	(
	home?	NO	. (GO TO A7) 2	

[USE HOUSE FLOOR PLAN TO IDENTIFY EACH ROOM. ASK A3 & A4 FIRST. THEN ASK A5 & A6 FOR EACH ROOM.]

A3.	A4.	A5.	A6.
Would you please tell me which room(s) has/have carpet (area rug)?  IF ONLY AREA RUG, PLEASE MAKE A NOTE.	How old is the carpet (area rug) in the (ROOM)?	How often is the carpet (area rug) in the (ROOM) steam-cleaned?	How often is the carpet (area rug) in the (ROOM) vacuumed?
ROOM(S) WITH CARPET	DK= 98	STEAM-CLEANED	VACUUMED
1.	Years Months		
2.	Years Months		
3.	Years Months		
4.	Years Months		
5.	Years Months		
6.	Years Months		
7.	Years Months		
8.	Years Months		
9.	Years Months		
10.	Years Months		

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A7.	What (other) rooms do you have (rooms without carpet or area rug) in your home?	How often is the floor in the (ROOM) wet-mop cleaned?
	ROOM(S) WITHOUT CARPET	WET-MOP CLEANED
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

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### **HEATING & A/C INFORMATION**

The following questions are about the heating and air conditioning device used in your home.

[ASK A9 FOR ALL HEATING A/C DEVICE(S) USED, THEN ASK A10-A12 FOR EACH HEATING A/C DEVICE.]

A9.			Α	10.	A11.	A12.	
What kind of heating and air conditioning device do you use? Please include anything you use on an occasional basis.			When do you (HEAT/AC) (from what m month)?	during the year	When you used (HEAT/AC) in the past year, on average about how many hours per day did you use it?	When was (HEAT/AC) last used? (DK = 98 98 9998)	
CIRCLE ALL THAT APP  HEAT/AC	Yes	No	BEGIN MONTH	END MONTH	## Hrs./Day	MM/DD/YYYY	
a. CENTRAL ELECTRIC	1	2					
b. CENTRAL GAS	1	2					
c. KEROSENE SPACE HEATER	1	2					
d. ELECTRIC SPACE HEATER	1	2					
e. FIREPLACE	1	2					
f. WOOD STOVE	1	2					
g. A/C-CENTRAL	1	2					
h. A/C-WINDOW  MARK LOCATION IN FORM2	1	2					
i. CEILING FANS  MARK LOCATION IN FORM2	1	2					
j. OTHER HEAT(SPECIFY)	1	2					
k. OTHER A/C (SPECIFY)	1	2					

A12a.	What temperature do you usually set the thermostat at during the heating seasons?	NO THERMOSTAT $\dots \dots \dots$	1
		DK	8
A12b.	What temperature do you usually set the thermostat at	$igsqcut_{\mathbf{F}}\circ_{\mathbf{F}}$	
A120.	during the cooling seasons?	NO THERMOSTAT	1
		DK	8
A13.	For each month please tell me, do you usually close all c	of the exterior doors and windows because heating or	air
	conditioning is running or because of any other reasons (	PLEASE NOTE ANY OTHER REASONS)?	
	IF ONLY PARTIAL MONTH, PLEASE NOTE.		

Clos	e all of the exterior doors and windows in	Yes	No	NOTE
Α.	JANUARY	1	2	
В.	FEBRUARY	1	2	
C.	MARCH	1	2	
D.	APRIL	1	2	
E.	MAY	1	2	
F.	JUNE	1	2	
G.	JULY	1	2	
Н.	AUGUST	1	2	
I.	SEPTEMBER	1	2	
J.	OCTOBER	1	2	
K.	NOVEMBER	1	2	
L.	DECEMBER	1	2	

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## **HOUSE LOCATION & SURROUNDINGS**

A14.	Is your house located within a quarter mile of	YES 1	( )
	any major freeway, streets with daily heavy	NO 2	
	traffic, or industrial or incineration plants that	DK 8	
	produce lots of smoke or a strange smell?		
		[IF YES, SPECIFY:]	
			( )
A15.	In general, would you say the traffic condition	Light (LESS THAN 1 CAR/MIN) 1	
	near your house is	Moderate, or (1-4 CARS/MIN) 2	
		Heavy (5 CARS OR MORE/MIN) 3	
A16.	About what time during the day do you think there is the most traffic near your house?		( )

CTEPP Pre-Monitoring Questionnaire

### **HOUSEHOLD MEMBERS & SMOKING INFORMATION**

Next I would like to ask you some questions about the members of your household. [ASK B1 FIRST. IF B2=YES, ASK B3 AND B4]

B1.						B2.		В3.	B4.		
Would you tell me the first name of everyone living in this household, their ages, and their relationships to you? Let's start with you.  PLEASE MARK THE SAMPLED ADULT & CHILD WITH "*".  [CLARIFY SEX IF NECESSARY] 1= MALE; 2 = FEMALE					Does anyon household a smoke cigar cigars, or a the house? you tell me are? [NO> B	regularly rettes, pipe <u>in</u> Would who they	cigarettes, cig	what is the total n ars, or pipefuls o PLE) smoke in t	of tobacco per	Where do/does (PEOPLE) usually smoke in the house? CHECK THE ROOM(S) IN A3 & A7.	
PEOPLE/NAME	SEX	AGE	RELATIONS	HIP	YES	NO	CIGS/ DAY	CIGARS/DAY	PIPES/DAY	WHERE SMOKE	
#1			SELF		1	2	Ш		Ш		
#2		Ш			1	2	Ш		Ш		
#3					1	2	ш	Ш	Ш		
#4					1	2	Ш				
#5	Ш				1	2	Ш		Ш		
#6					1	2	Ш				
#7					1	2					
#8		Ш			1	2	Ш		Ш		
#9	Ш	Ш			1	2	Ш			Г	_

8

03/16/4

B12.

What kind of work does (he/she) do?

The next few questions are about the employment of your household members.

<b>EMPL</b>	OYMENT INFORMATION	
B5.	Are you currently employed?	YES
В6.	Who do you work for? [IF SELF-EMPLOYED, GO TO B8]	
B7.	What does the (company/person) do?	
B8.	What kind of work do you do?	
B9.	Is anyone else living in the household employed?	YES
B10.	Who does (he/she) work for? [IF SELF-EMPLOYED, GO TO B12]	
B11.	What does the (company/person) do?	

СТЕРР		Pre-Monitoring Questionnaire/Household
B13.	Is anyone else living in the household employed?	YES
		[IF YES, SPECIFY WHO:]
B14.	Who does (he/she) work for?	
	[IF SELF-EMPLOYED, GO TO B16]	
B15.	What does the (company/person) do?	
B16.	What kind of work does (he/she) do?	
	E OCCUPATION OF ANY HOUSEHOLD MEMBERS IS "FAITHERWISE SKIP TO B18.  Did you (or the person working on the farm) produce and sell \$1,000 or more of agricultural products in the past year?	YES
	CR INFORMATION  am going to ask you some questions about the sources of your	water.
B18.	What are the sources of drinking water for your home?	CITY/COUNTY
	CIRCLE ALL THAT APPLY	BOTTLED
		SPECIFY:
B19.	Do you filter your drinking water?	YES

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JUST THE DRINKING WATER . . . . . . 1

THE ENTIRE WATER SUPPLY .... 2

Do you filter just the drinking water or the entire water supply

(that is, water for the entire house)?

B19

Α.

B19 B.	What kind of filter do you use? Is it particle filter only or particle filter plus activated charcoal?	PARTICLE FILTER ONLY
B20.	What are the sources of water for cooking?  CIRCLE ALL THAT APPLY	CITY/COUNTY       1         WELL       2         BOTTLED       3         OTHER (SPECIFY)       4
		SPECIFY:
B21.	What are the sources of water for bathing?  CIRCLE ALL THAT APPLY	CITY/COUNTY       1         WELL       2         BOTTLED       3         OTHER (SPECIFY)       4
		SPECIFY:
The f	Collowing are some general questions about your pets and house Do you have any pets?	YES
B23.	What kind of pets do you have?	
B24.	Do you keep your pets inside the house or outside the house?	Inside
B25.	How often does CHILD play with or touch the pets?	
	ASK FOR FREQUENCY AND DURATION (FOR EXAMPLE, ONCE A DAY FOR ABOUT 30 MINUTES EACH TIME).	

B26.	Does everyone living in this household usually take off their shoes at the door before coming into the house?	YES
B27.	Do you usually ask your visitors to take off their shoes at the door before they come into the house?	YES
B28.	Does anyone living in this household often walk barefoot outside the house?	YES
B29	Would you tell me who?	[IF YES, WHO:]
B30.	Does anyone in your household frequently work or play in the yard that would involve contact with soil?	YES
B31.	Would you tell me who?	[IF YES, WHO:]
B32.	Does anyone in your household change automobile oil in the driveway or garage (or near your house)?	YES
B33.	Would you tell me who?	[IF YES, WHO:]
B34.	How often (does/do) (PEOPLE IN B33) change oil in the driveway or garage?	Times Per
		MONTH

B35.	How (do/does) (they/you/he/she) dispose of the automobile oil?	
B36.	How do you dispose of your garbage?	PICKED UP BY THE CITY/COUNTY . 1 PICKED UP BY A COMMERCIAL CONTRACTOR
		SPECIFY:
В37.	Did anyone use any pesticides, herbicides, or fungicides inside or around your home in the past 7 days (including	YES
	the use of medicated lotions or shampoos to control head lice or body lice)?	DK

### **CHILD ACTIVITY INFORMATION**

Now I am going to ask you some questions about (CHILD'S NAME)'s daily activities during the past month. Please take a moment to think about what (CHILD'S NAME) did inside the house and outside the house during that period of time.

C1.	On average, about how many hours a day did (CHILD'S NAME) stay <u>outside</u> the house? [PROMPT: HOURS ON WEEKDAYS AND HOURS ON WEEKENDS]  IF THE CHILD ATTENDS DAY CARE, EXCLUDE HOURS AT DAY CARE.	Weekday (Monday - Friday)  Hours Minutes PER DAY  Weekend (Saturday - Sunday)  Hours Minutes PER DAY	( ,
C2.	Where did (he/she) usually play outside the house? (Where did he/she spend the most time outside the house?) [BE SPECIFIC]		( )
C3.	When (CHILD'S NAME) was outside the house, how often did (he/she) walk barefoot? Would you say	Most of the time        1         Sometimes, or        2         Rarely or almost never        3         DK        8	( )
C4.	How often did (CHILD'S NAME) take something to eat or drink when (he/she) was playing outside the house?	Most of the time        1         Sometimes, or        2         Rarely or almost never        3         DK        8	( )
C5.	How often did (he/she) play with sand or dirt?	Most of the time        1         Sometimes, or        2         Rarely or almost never        3         DK        8	( ,

C6.	Have you ever seen (him/her) eat?	dirt       1         sand, or       2         snow       3         DK       8	( )
C7.	Where did (he/she) usually play inside the house? (Where did he/she spend the most time playing inside the house?) [BE SPECIFIC]		( )
C8.	When (CHILD'S NAME) was inside the house, how often did (he/she) walk barefoot?	Most of the time       1         Sometimes, or       2         Rarely or almost never       3         DK       8	( )
C9.	When (CHILD'S NAME) was inside the house, how often did (he/she) sit or play on the floor?	Most of the time       1         Sometimes, or       2         Rarely or almost never       3         DK       8	( )
C10.	On average, about how many hours a day, including nap time, did (he/she) sleep?  IF THE CHILD ATTENDS DAY CARE, EXCLUDE HOURS AT DAY CARE.	Hours Minutes PER DAY	( )
C11.	How often did (he/she) sleep or take a nap on the floor?	Most of the time        1         Sometimes, or        2         Rarely or almost never        3         DK        8	

C12.	Did (CHILE past month?	o'S NAME)	use a pacif	fier in the	YES									
		C13.			C14.									
(his/he IF C1	past month, of er)? 3a= NO, SKI 3b= NO, SKI	P TO C13b.		ew	How frequently did (he/she) suck or chew (his/her) (SUCK IN C13)?  ASK FOR FREQUENCY AND DURATION (FOR EXAMPLE, TWICE A DAY FOR ABOUT 30 MINUTES EACH TIME).									
	SUCK	Yes	No	Don't Know										
a. Th	numb/fingers	1	2	8										
b. To	oe or foot	1	2	8										
IF TH	IE CHILD S	UCKED FIN	NGERS, A	ASK C15; OTH	ERWISE SKIP TO C16.									
C15.	When your of many fingers			gers, how s/her mouth?	1 finger       1         2 fingers       2         3 fingers       3         4 fingers       4         Whole hand       5         DK       8	( )								
C16.	Did (CHILE on the floor		-	is/her mouth	YES	( )								
C17.	How frequents say?	ntly did he/sl	he do that?	Would you	Frequently       1         Sometimes       2         Almost Never       3									

DK ..... 8

C18.	Where did he/she do this most frequently at
	home? Please tell me the room(s) and the type
	of floor in the room (e.g., carpet, wood, tile,
	etc.).

	ROOM/FLOOR
1.	
2.	
3.	
4.	
5.	

~ 4 ^						/4 · /4 · \		
C19.	How	often	did	you	cut	(his/her)	) finger	nails?

Times per		
WEEK 1	,	
MONTH 2	,	,
DK 8		

C20. How often did you cut (his/her) toe nails?

Times per		
WEEK 1	(	)
MONTH 2	'	,
DK 8		

C21. Is your child currently teething?

YES										1			
NO .										2		(	)
DK .										2			

C22. How often did (CHILD'S NAME) put toys in (his/her) mouth? Would you say...?

Frequently							1	
Sometimes							2	
Almost Never							3	

( )

C23.	Did (he/she) put any things other than toys or food in (his/her) mouth?	YES	( )
C24.	What did (he/she) put in (his/her) mouth?		( )
C25.	STAFF: NOW ASK THE PARENT TO SHOW YOU THE CHILD'S MOST FAVORITE TOYS. TAKE A PICTURE OF THE TOYS AND RECORD THE FOLLOWING INFORMATION ABOUT THE TOYS.	SELECT ALL THAT APPLY: TOYS ARE MADE OF PLASTIC 1 TOYS ARE MADE OF CLOTH 2 TOYS ARE SOFT	
C26.	How often did you wash (CHILD'S NAME)'s toys?	Times per  WEEK	
C27.	About how many times per week did you bathe CHILD?	Times per week	
C28.	How often were (CHILD'S NAME)'s hands washed before eating meals? Would you say?	Most of the time       1         Sometimes, or       2         Rarely or almost never       3         DK       8	( )
C29.	How often were (his/her) hands washed before eating snacks? Would you say?	Most of the time        1         Sometimes, or        2         Rarely or almost never        3         DK        8	( )

C30.	How often were (his/her) hands washed after	Most of the time 1				
	playing outside the house? Would you say?	Sometimes, or 2				
		Rarely or almost never 3				
		DK 8				
C31.	How often were (his/her) hands washed before	Most of the time 1	( )			
	going to bed? Would you say?	Sometimes, or 2				
		Rarely or almost never 3				
		DK 8				
C32.	What is the date of birth of CHILD?	MM / DD / YYYY	( )			
C33.	What is your date of birth? [YOU MAY JUST TELL ME THE MONTH & YEAR]	MM / DD / YYYY	( )			

That's all the questions I have for you today. You've been very helpful. Before we end this interview, I need to do some measurements for you and your child. This information will help our scientists analyze the data we have collected.

**INTERVIEWER:** PLACE THE SCALE ON A FLAT, HARD SURFACE (NOT ON THE CARPET) AND MEASURE THE WEIGHT OF THE PARTICIPANT.

C34.	MEASURE THE CHILD'S WEIGHT:	lbs.	
C35.	MEASURE THE CHILD'S HEIGHT:	inches.	
C36.	MEASURE THE CHILD'S HAND SURFACE:	1. FROM MIDDLE FINGER TO ELBOW:	inches.
		2. MIDDLE ARM WIDTH:	inches.
		3. TRACE THE HAND OF THE CHILD ON DATASHEET	N THE
C37.	MEASURE THE PARENT'S WEIGHT:	lbs.	
C38.	MEASURE THE PARENT'S HEIGHT:	inches.	
C39.	MEASURE THE PARENT'S HAND SURFACE:	1. FROM MIDDLE FINGER TO ELBOW:	inches.
		2. MIDDLE ARM WIDTH:	inches.
		3. TRACE THE HAND OF THE PARENT ODATASHEET	ON THE

## TRACE THE HAND OF THE CHILD ON THE DATASHEET

## TRACE THE HAND OF THE PARENT ON THE DATASHEET

C40. EXAMINE THE CHILD'S FINGER NAILS AND RECORD THE RESULTS.

40A. DIRTY	FINGER NAILS	40B. LONG FINGER NAILS			
YES	NO	YES	NO		
1	2	1	2		

#### CONCLUDING STATEMENT

Thank you very much for your time, (Mr./Mrs./Ms.) (RESPONDENT'S LAST NAME). That concludes our interview for today. We really appreciate your willingness to answer our questions and to participate in this important study. You've been very helpful. We'll see you tomorrow around (TIME).

TIME:	DATE:	/ /	TIME:	AM / PM
COMMENTS	5?		YES	

COMPLETE INTERVIEW INFORMATION ON THE FRONT PAGE OF THIS QUESTIONNAIRE.
REVIEW THE ENTIRE QUESTIONNAIRE FOR MISSING INFORMATION OR APPARENT ERRORS AS SOON AS POSSIBLE.