RECREATIONAL WATER OUTBREAK IN [LOCATION]

Matched CONTROL number - -			
CASE report number - _			
NAME OF INTE	ERVIEWER		
CONTROL: LAST NAME FIRST NAME			
TELEPHONE N	TELEPHONE NUMBER		
DATE OF INTE	RVIEW _ -	_ -	
Telephone Conta	act History		
Date (mm/dd)	Time (am/pm)	Outcome/Comment	Initials
1			
2			
3			
4			
5			
6			
7			
8			
9 10			
10			
OUTCOME CO	DES:		
01 = completed in	terview	08 = no eligible respondent	
02 = refused interview		09 = language barrier	
03 = no answer		10 = interview terminated with	nin questionnaire
04 = busy tone		11 = physical/mental impairm	ent
05 = non-working number		12 = answering machine	
06 = fax machine		13 = setting up a better time	
07 = business phone		99 = unknown	

- * TEXT IN REGULAR TYPE IS TO BE READ TO THE RESPONDENT.
- * TEXT IN BOLD IS AN INSTRUCTION FOR THE INTERVIEWER AND SHOULD NOT BE READ TO THE RESPONDENT.

ADULT CONTROL QUESTIONNAIRE RECREATIONAL WATER OUTBREAK IN [LOCATION]

If the control needs to be 18 years or older,

GO TO Q1

If the control needs to be younger than 18 years but older than or equal to 12 years of age, GO TO 18

If the control needs to be younger than 12 years of age,

GO TO PEDIATRIC CONTROL QUESTIONNAIRE

AGE 18 YEARS OR OLDER

TO THE PE	RSON ANSWERING THE PHONE IF AN ADULT, OTHERWISE ASK
	name is I'm calling from the Health Department. We are
	an outbreak of diarrhea occurring among people who live in
(location). To living in (you individuals. V	determine what factors may have played a role in causing illness among people (four) community, we are conducting a survey of BOTH healthy and sick We would like to speak to a member of your family who is between the ages of (state age range) about this outbreak and what may have influenced it.
2. Are there a range)?	ny people in this household between and years of age (state age
	YES
	NO Sorry to have disturbed you. Thank you for your time. END INTERVIEW
3. Is there mo household?	are than one person between and years of age (state age range) in this
	YES (GO TO Q. 4).
	NO (GO TO Q. 8).
• •	k with the person between the ages of and years of age (stage age ad the most recent birthday?
	YES, already on phone (IF THE CONTROL IS THE PERSON TO WHOM YOU HAVE BEEN SPEAKING, GO TO Q. 13)
	YES, not on phone (IF THE CONTROL IS SOMONE OTHER THAN THE PERSON TO WHOM YOU HAVE BEEN SPEAKING, GO TO Q. 12)
	YES, but not home now (GO TO Q. 5)
	NO, not able to speak with him/her (GO TO Q. 6)
5. Is there and	other telephone number at which I could reach (him/her)?
	YES
	(LIST ALTERNATE NUMBER)
	Thank you very much for your assistance. END INTERVIEW
	NO (GO TO Q. 5a)

5a. When would be a good time to call back to reach (*him/her*)?

(LIST DAY AND TIME) Thank you very much for your time END INTERVIEW	
6. Why am I not able to speak with him/her?	
Died (GO TO Q.7)	
Hospitalized (GO TO Q. 7)	
Mentally incapacitated (GO TO Q. 7)	
Doesn't speak English (GO TO Q. 7)	
Other, specify (GO TO Q. 7)	
7. Sorry to have disturbed you. Thank you for your time. END INTERVIEW	
8. May I speak with the person who is between the ages of and years of age (sage range)?	state
YES, already on phone (IF THE CONTROL IS THE PERSON WITH WHOM YOU HAVE BEEN SPEAKING, GO TO Q. 13)	E
YES, not on phone (IF THE CONTROL IS A PERSON OTHER THAN WITH WHOM YOU HAVE BEEN SPEAKING, GO TO Q. 12)	М
YES, but not home now (GO TO Q. 9)	
NO, not able to speak with him/her (GO TO Q. 10)	
9. Is there another telephone number at which I could reach him/her?	
YES (LIST ALTERNATE NUMBER) Thank you very much for your assistance. END INTERVIEW	
NO (GO TO Q. 9a)	

	ould be a good time to call back to reach him/her?
(LIST I	DAY AND TIME)
Thank y	you very much for your time
END II	NTERVIEW
10. Why am I not able to speak with	him/her?
Died (GO TO	Q.11)
Hospitalized (GO TO Q.11)
Mentally incap	pacitated (GO TO Q. 11)
Doesn't speak	English (GO TO Q. 11)
Other, list	(GO TO Q. 11)
11. Sorry to have disturbed you. T END INTERVIEW	hank you for your time.

TO THE CONTROL
12. Hello, my name is I'm calling from the Health Department. We are
investigating cases of diarrhea occurring among people who live in
(location). To determine what factors may have played a role in causing illness among people
living in (your/our) community, we are conducting a survey of BOTH healthy and sick
individuals.
13. We are working to find out why people in (your/our) community are getting ill with the
diarrheal illness called Cryptosporidiosis. Therefore, we'd like to ask some questions about your
health, your contact with ill people, what food you ate, what you drank, and your recent
activities.
We know that you may not have been ill. However, to understand why others have been ill we
We know that you may not have been ill. However, to understand why others have been ill we need to ask healthy people like you questions as well. This will allow us to compare your
answers to those given by ill people to see what they did differently. Your participation in these
efforts will greatly improve our understanding of this illness in (your/our) community.
This should take approximately minutes (adjust time for number of questions to be
asked). Your participation is voluntary and all information you give will be kept confidential to
the extent legally possible. Some of the questions may be sensitive. You may refuse to answer
any question at any time. Neither your name nor any identifying information will appear on any report. We will be happy to answer all your questions at the end of the interview. A final report
will be available at the health department.
will be a value to at the neutral department.
Do you agree to participate in the survey?
NO, END INTERVIEW Sorry to have disturbed you. Thank you for your time.
I DON'T HAVE TIME NOW, END INTERVIEW (GO TO Q. 14)
VEC COMPINITE INTERVIEW I
YES, CONTINUE INTERVIEW It would be helpful if you had a calendar in front of you, as we will be discussing specific dates. Would you like a minute to
get one? (GO TO Q. 13a.)
13a. May we begin now?
YES, (GO TO Q. 15)
NO, (GO TO Q. 14)

14. Your participation in this study is very important. We are trying to determine why peothe community are getting sick. May I schedule a time to talk that would be more conveniency.	-
VEC	
YES (LIST DATE AND TIME). Thank you very much for your time. We will call you again at the arranged time. END INTERVIEW	
NO Sorry to have disturbed you. END INTERVIEW	
15. May I have your first name?(control's first name)	
16. Before we continue, between (MM/DD/YY) and (MM/DD/YY) (match dates to case-patient), did you have any amount diarrhea (meaning loose or watery stools or bowel movements)?	of
YES1 (GO TO Q. 17)	
NO2 (GO TO SECTION B, Q.B-1)Note, there is NO Section	on A.
UNKOWN77 (GO TO Q. 17)	
REFUSED99 (GO TO Q. 17)	
17. Thank you very much for your information. For this part of the study, we need to talk people who have had NO diarrhea between (MM/DD/YY) and (MM/DD/YY) (match to case-patient). Since you have had diarrhea, you are eligible. We appreciate your time.	
END INTERVIEW	

YOUNGER THAN 18 YEARS BUT OLDER THAN OR EQUAL TO 12 YEARS OF AGE

[TO THE PERSON ANSWERING THE PHONE IF AN ADULT, OTHERWISE ASK
FOR AN ADULT] 18. Hello, my name is I'm calling from the Health Department. We are
investigating an outbreak of diarrhea occurring among people who live in
(location). To determine what factors may have played a role in causing illness among people
living in (your/our) community, we are conducting a survey of BOTH healthy and sick
individuals. We would like to speak to a member of your family who is between the ages of
and (state age range) about this outbreak and what may have influenced it.
10 A d
19. Are there any people in this household between and years of age (state age
range)? YES
NO Sorry to have disturbed you. Thank you for your time.
END INTERVIEW
20. I. d
20. Is there more than one child between and years of age?
YES (GO TO Q. 20a)
NO (GO TO Q. 21)
20a. We would like to ask some questions of the child between and years of age (state age range) who had the most recent birthday. What i
(his/her) first name?
(control's first name) (GO TO Q. 22)
21. We would like to ask some questions of this child. What is (<i>his/her</i>) first name?
(control's first name) (GO TO Q. 22)
22. Are you the parent or guardian for (control's first name)
YES (GO TO Q. 24)
NO (GO TO Q. 22a)

NO, Could I speak with the parent or guardian of (control's first?
 YES (GO TO Q. 23)
 YES, but not home now (GO TO Q. 29)
NO, not able to speak to him/her or NOT AVAILABLE (GO TO O. 26)

[TO THE PARENT OR GUARDIAN ADULT PERMISSION]
23. Hello, my name is I'm calling from the Health Department. We are
investigating cases of diarrhea occurring among people who live in
(location) to determine what factors may have played a role in causing illness among people
living in (your/our) community, we are conducting a survey of BOTH healthy and sick
individuals.
24. We are working to find out why people in (<i>your/our</i>) community are getting ill with the
diarrheal illness called Cryptosporidiosis. Therefore, we'd like to ask
(control's first name) some questions about (his/her) health, (his/her) contact with ill people,
what food (he/she) ate, what (he/she) drank, and (his/her) recent activities.
We know that (control's first name) may not have been ill. However, to
understand why others have been ill we need to ask healthy people like (him/her) questions as
well. This will allow us to compare (his/her) answers to those given by ill people to see what
they did differently. Your child's participation in these efforts will greatly improve our
understanding of this illness in (your/our) community.
This should take approximately minutes (adjust time for number of questions to be
asked). Your child's participation is voluntary and all information (he/she) gives will be kept
confidential to the extent legally possible. Some of the questions may be sensitive. Your child
may refuse to answer any question at any time. Neither your child's name nor any identifying
information will appear on any report. We will be happy to answer all your questions at the end
of the interview. A final report will be available at the health department.
Do you agree to allow (control's first name) to participate in this survey?
NO, END INTERVIEW Sorry to have disturbed you. Thank you for your time.
NO, WE DON'T HAVE TIME NOW, END INTERVIEW (GO TO Q. 26)
YES (GO TO Q. 25)
25. May I have permission to speak with (control's first name)?
YES (GO TO Q. 27)
NO (GO TO O. 26)

26. Your family's participation in this study is very important. We are trying to determine why people in the community are getting sick. May I schedule a time to talk with <i>him/her</i> that would be more convenient?
YES
(LIST DATE AND TIME).
Thank you very much for your time. We will call you again at the arranged time. END INTERVIEW
NO or DON'T KNOW Sorry to have disturbed you. END INTERVIEW
27. Before we continue, between (MM/DD/YY) and (MM/DD/YY) (match dates to case-patient), did (control's
first name) have any amount of diarrhea (meaning loose or watery stools or bowel movements)?
YES (GO TO Q. 27a)
NO2 (GO TO Q. 28)
UNKNOWN77 (GO TO Q. 28)
REFUSED99 (GO TO Q. 28)
27a. Thank you very much for your information. For this part of the study, we need to talk to people who have had NO diarrhea between (MM/DD/YY) and (MM/DD/YY) (match to case-patient). Since your child had diarrhea, (he/she) is not eligible. We appreciate your time. END INTERVIEW
28. May I now speak with (control's first name)?
YES (GO TO Q. 32)
YES, but not home (GO TO Q. 29)
YES, but not able (GO TO 30)
29 . Is there another telephone number at which I could reach (Parent/Guardian or child's name)?
YES (LIST ALTERNATE NUMBER). Thank you very much for your assistance. END INTERVIEW
NO (GO TO Q. 29a)

	29a. When would be a good time to call back to reach (parent/guardian or child's name)?
	(LIST DAY AND TIME). Thank you very much for your time. END INTERVIEW
30.	Why am I not able to speak with(Parent/Guardian or child's name)?
	Died (GO TO Q. 31)
	Hospitalized (GO TO Q.31)
	Mentally incapacitated (GO TO Q. 31)
	Doesn't speak English (GO TO Q.31)
	Other, specify (GO TO Q. 31)
31.	Sorry to have disturbed you. Thank you for your time.

END INTERVIEW

[TO CONTROL --- 12-17 YEAR OLD ASSENT] **32.** Hello, my name is ______. I'm calling from the ______ Health Department. We are investigating cases of diarrhea occurring among people who live in (location). To determine what factors may have played a role in causing illness among people living in (your/our) community, we are conducting a survey of BOTH healthy and sick individuals. We are working to find out why people in (your/our) community are getting ill with the diarrheal illness called Cryptosporidiosis. Therefore, we'd like to ask some questions about your health, your contact with ill people, what food you ate, what you drank, and your recent activities. We know that you may not have been ill. However, to understand why others have been ill we need to ask healthy people like you questions as well. This will allow us to compare your answers to those given by ill people to see what they did differently. Your participation in these efforts will greatly improve our understanding of this illness in (your/our) community. This should take approximately _____ minutes (adjust time for number of questions to be asked). Your participation is voluntary and all information you give will be kept confidential to the extent legally possible. Some of the questions may be sensitive. You may refuse to answer any question at any time. Neither your name nor any identifying information will appear on any report. We will be happy to answer all your questions at the end of the interview. A final report will be available at the health department. Do you agree to participate in the survey? _____ NO, **END INTERVIEW**... Sorry to have disturbed you. Thank you for your time. ____ I DON'T HAVE TIME NOW, **END INTERVIEW** (**GO TO Q. 33**) YES, CONTINUE INTERVIEW... It would be helpful if you had a calendar in front of you, as we will be discussing specific dates. Would you like a minute to get one? (GO TO Q. 32a.) **32a.** May we begin now? YES (GO TO Q. 34) Please have your parent or guardian present to help you with the questions ____ NO (**GO TO Q. 33**)

participation in this study is very important. We are trying to determine why people in community are getting sick. May I schedule a time to talk that would be more t for you?
YES
(LIST DATE AND TIME).
Thank you very much for your time. We will call you again at the
arranged time.
END INTERVIEW
NO Sorry to have disturbed you. END INTERVIEW
 e we continue, between (MM/DD/YY) and (MM/DD/YY) (match dates to case-patient), did you have any amount of meaning loose or watery stools or bowel movements)?
YES1 (GO TO Q. 34a)
NO2 (GO TO SECTION B, Q.B-1)Note, there is NO Section A.
UNKNOWN77 (GO TO Q. 34a)
REFUSED99 (GO TO Q. 34a)
34a. Thank you very much for your information. For this part of the study, we need to talk to people who have had NO diarrhea between
(MM/DD/YY) and(MM/DD/YY) (match to case-patient). Since
you had diarrhea, you are not eligible. We appreciate your time.
END INTERVIEW (GO TO Q. 34b)
34b. May I please speak with your (parent/guardian) again?
PROVIDE EXPLANATION TO PARENT:
Thank you very much for your information. For this part of the study, we need to
talk to people who have had NO diarrhea between (MM/DD/YY) and (MM/DD/YY) (match to case-patient). Since
(control's first name) reported having diarrhea during that time, (he/she) is not eligible. We appreciate your time.
END INTERVIEW

SECTION A. CLINICAL INFORMATION

This section is not applicable to the control interview. Please skip to SECTION B.

<u>SECTION B.</u> PERSON-TO-PERSON CONTACT AND CHILDCARE INFORMATION

READ: NOW I WOULD LIKE TO ASK ABOUT THE ADULTS (18 YEAR	S OF	AGE OR
OLDER) IN YOUR HOUSE.		

B1.	What are the	adult's sexes	s and did the	y have diarrhea	during the 2	week period from	ı (match
to ca	ase-patient's	A2) _ -	- _	to _ -	- ?		

ADULT	What			Had dia	rrhea?	
	(1=MA 2=FEN		YES	NO	UNK	REF
ADULT 1	1	2	1	2	77	99
ADULT 2	1	2	1	2	77	99
ADULT 3	1	2	1	2	77	99
ADULT 4	1	2	1	2	77	99
ADULT 5	1	2	1	2	77	99
ADULT 6	1	2	1	2	77	99

READ: NOW I WOULD NOW	V LIKE TO ASK YOU A FEW QUESTIONS ABOUT YOUR
CONTACT WITH CHILDREN	YOUNGER THAN 18 YEARS OF AGE AND WITH
PERSONS WITH DIARRHEA	DURING THE 2 WEEKS FROM (match to case-patient's A2)
- _ - TO	- <u> </u>
	nger than 18 years old) living in your home?
	DLESCENT: Do you have children (younger than 18 years old)
 <u>other than yourself</u> - living in 	your home?
YES	1
	2 (GO TO B10)
UNKNOWN	

B3. IF YES TO B2, How many children live in your house? **IF INTERVIEWING AN ADOLESCENT:** How many children - *other than yourself* – live in your house?

NUMBER OF CHILDREN	
UNKNOWN	77
REFUSED	99

B4. IF YES TO B2, What are the children's age(s) in years, their sexes, and did they
have diarrhea in the 2 weeks from (match to case-patient's A2) _ _ - _ _ to
<u> </u> - <u> </u> - <u> </u> -?
IF INTERVIEWING AN ADOLESCENT: Other than yourself, what are the
children's age(s) in years, their sexes and did they have diarrhea in the 2 weeks from
(match to case-patient's A2) _ - _ - _ to _ - _ - _ ?

CHILD	AGE?	Does	s the	What	sex?				
	(INDICATE	child	l wear			Had diarrhea in the <u>2 weeks</u> from			<u>veeks</u> from
	YRS OR	diap	ers?	(1=MA	,		_ -	_ -	to
	MONTHS)	Y	N	2=FEN	IALE)		_ -	_ - <u>_</u>	_
						YES	NO	UNK	REF
CHILD 1		1	2	1	2	1	2	77	99
CHILD 2		1	2	1	2	1	2	77	99
CHILD 3		1	2	1	2	1	2	77	99
CHILD 4		1	2	1	2	1	2	77	99
CHILD 5		1	2	1	2	1	2	77	99
CHILD 6		1	2	1	2	1	2	77	99
CHILD 7		1	2	1	2	1	2	77	99
CHILD 8		1	2	1	2	1	2	77	99
CHILD 9		1	2	1	2	1	2	77	99
CHILD 10		1	2	1	2	1	2	77	99
CHILD 11		1	2	1	2	1	2	77	99
CHILD 12		1	2	1	2	1	2	77	99
CHILD 13		1	2	1	2	1	2	77	99
CHILD 14		1	2	1	2	1	2	77	99
CHILD 15		1	2	1	2	1	2	77	99

B5. IF YES TO B2, Were any children in yo	our household in childcare outside of your
home at any time during the 2 weeks from (m	atch to case-patient's A2)
_ - to -	?
YES	1
NO	
UNKNOWN	77 (GO TO B8)
REFUSED	99 (GO TO B8)

B6. IF YES TO B5, Did (*he/she/they*) participate in any water-related activities, such as swimming, wading, or water table play at (*his/her*) childcare outside of your home?

YES	1
NO	2
UNKNOWN	77
REFUSED	. 99

B7. IF YES TO B5, Were any children at your child's childcare location <u>in</u>

<u>diapers</u> ?				
YES NO UNKNOWN REFUSED			2 77	
B8. IF YES TO B2, Were any converse weeks from (match to case-pati _ - - ? By a day spend all or part of the day, ofter comparison, a day care center is	ent's A2) camp I mean during the	n a center v	- to with activities where	e children
YES NOUNKNOWN REFUSED		2 (G	GO TO B10)	
B9. IF YES TO B8, Did such as swimming, wadin	ng, or water	tables at h	is or her <i>day camp</i> ?1	ated activities,
NOUNKNOWN UNKNOWN REFUSED			77	
B10. During the 2 weeks from (match to - , did you <u>provide</u> childcare THE LIST. CIRCLE ALL THAT AF	e in any of t			
SETTING	YES	NO	UNKNOWN	REFUSED
a. Out-of-home childcare center	1	2	77	99
b. In-home childcare center	1	2	77	99
c. Out-of-home babysitter	1	2	77	99
d. In-home babysitter	1	2	77	99

e. Other

f. Specify:

2

77

99

1

B11. During the 2 weeks from (match to _ _ - _ _ , did you have contact _ _ _ _ .	_		, ,	- <u> </u> to
YES NOUNKNOWNREFUSED	77 (G	O TO B1 SO TO B SO TO E	313)	
B12. IF YES TO B11, During th			-	•
YES	case-pa entact wit 1 2 (0 77 (0 99 (0	2 77 99 tient's A h anyone GO TO E GO TO E	who had diarrhea 316) 316) B16) B16)	
	YES	NO	UNKNOWN	REFUSED
a. Children \leq 3 years of age	1	2	99	77
b. Children 4 to <13 years of age	1	2	99	77
c. Teenagers \geq 13 to <18 years	1	2	99	77
d. Adults 18 years or older	1	2	99	77
B15. IF YES TO B13, Did you p	orovide d	irect care	to a person with	diarrhea?

B16. Are you aware of anyone in your immediate household or social group that had diarrhed from (match to case-patient's ILLNESS DATES) _ - to
_ _ - _ - - - - - - - - - - -
THIS INTERVAL IS FROM THE DATE OF ONSET OF DIARRHEA IN THE CASE-PATIENT (MATCH TO CASE-PATIENT'S A1 OR A2) UNTIL <u>EITHER</u> (1) CASE-PATIENT'S A8, OR (2) DATE OF CASE-PATIENT'S INTERVIEW
YES
B17. Are you aware of anyone in your immediate household or social group that had diarrhed during the 2 weeks from (match to case-patient's 2 weeks after illness) _ - _ - _ - _ to - _ - _ ?
YES
B18. Did you prepare food for others from _ _ - _ _ to _ - _ - _ ? NOTE: THIS INTERVAL IS <u>NOT THE SAME</u> AS PREVIOUS INTERVALS.
THIS INTERVAL IS FROM THE DATE OF ONSET OF DIARRHEA IN THE CASE-PATIENT (MATCH TO CASE-PATIENT'S A1/A2) UNTIL <u>EITHER</u> (1) CASE-PATIENT'S A8, OR (2) DATE OF CASE-PATIENT'S INTERVIEW
YES

SECTION C. DIETARY EXPOSURES

READ: I WOULD LIKE TO TALK ABOUT YOUR DIET DURING THE 2 WEEKS (match
to case-patient's A2) FROM _ - - TO - _ - _ -
C1. During the 2 weeks from (match to case-patient's A2) _ - - TO
_ - - , did you eat any of the following food items? [READ THE LIST.
ENTER ALL THAT APPLYI

EOOD	₹7	N.T	T T	n
FOOD	Y	N	U	R
a. Lettuce or garden salad	1	2	77	99
b. Cold cuts, chicken salad, egg	1	2	77	99
salad, or tuna salad				
c. Other cold salads (such as	1	2	77	99
coleslaw, potato salad, or				
pasta salad)				
d. Raw vegetables (such as	1	2	77	99
carrots, tomatoes,				
cucumbers, green onions)				
e. Raw berries (such as	1	2	77	99
strawberries and raspberries)				
f. Raw fruits <i>with</i> skin/peel	1	2	77	99
(such as melons, apples)				
g. Cider or juice	1	2	77	99
h. Raw shellfish	1	2	77	99
i. Cooked shellfish	1	2	77	99

C2. During the 2 weeks from (match to case-patient's A2) _ - _ - _ TO
_ - - , did you consume any of the following <i>unpasteurized</i> foods or drinks?
This may include products supplied from health food stores, local farms, or imported from other
countries.

[READ THE LIST. ENTER ALL THAT APPLY]

FOOD	YES	NO	UNKNOWN	REFUSED
a. Unpasteurized milk	1	2	77	99
b . Unpasteurized apple	1	2	77	99
juice/cider				
c. Other unpasteurized juices	1	2	77	99
d. Unpasteurized cheese	1	2	77	99
(e.g. goat cheese, farmer's				
cheese, queso fresco)				
e. Other	1	2	77	99
Specify:				
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				

SECTION D. DRINKING WATER EXPOSURES

UNI	KNOWNFUSED.	2 (GO T 77 (GO T	Γ O D3)		
	IF YES TO D1, What were AD THE LIST. ENTER			g water <u>at home</u> ?	
	QUESTION	YES	NO	UNKNOWN	REFUSE
	a. Municipal or city	1	2	77	99
	water direct from tap				
	b . Municipal or city	1	2	77	99
	water with additional				
	filtration or treatment				
	c. Refrigerator	1	2	77	99
	dispenser				
	d. Private well water	1	2	77	99
	e. Private well water	1	2	77	99
	with additional				
	filtration or treatment				
	e C · 11	1	2	77	99
	f . Commercially				
	bottled water				
	· · · · · · · · · · · · · · · · · · ·	1	2	77	99

D4. **IF YES TO D3**, What were your sources of drinking water <u>outside the home</u>, for example, at school, or work? **[READ THE LIST. ENTER ALL THAT APPLY.]**

QUESTION	YES	NO	UNKNOWN	REFUSED
a. Municipal or city water direct from	1	2	77	99
tap (including a water fountain)				
b . Municipal or city water with	1	2	77	99
additional filtration or treatment				
c. Refrigerator dispenser	1	2	77	99
d . Private well water	1	2	77	99
e. Private well water with additional	1	2	77	99
filtration or treatment				
f. Commercially bottled water	1	2	77	99
g. Brought water from home	1	2	77	99
h. Other	1	2	77	99
Specify:				

D5.	What was	your usu	al source	of <u>ice</u>	during	the 2	weeks fro	om (match	to case-pation	ent's A2)
	_ - - <u>-</u>	to	- _	_ - <u>_</u>	_ _ ?					
IRE.	AD THE I	IST EN	TER AL	J. TH		PPLY	1			

SOURCE	YES	NO	UNKNOWN	REFUSED
a. Do not use ice (GO TO D6)	1	2	77	99
b. From home	1	2	77	99
c. From outside the home	1	2	77	99
d. Commercially-bought ice	1	2	77	99
e. Other	1	2	77	99
Specify:				

D6.	During the 2 week	from (match to case-patient's A2) _ - - to
	- - <u> </u> , d	d you drink any untreated water from a lake, river, or stream?
	YES	1
		2
	UNKNOWN	77
	REFUSED	99

SECTION E. RECREATIONAL WATER EXPOSURE

E1. During the 2 were larger l	- <u> </u> eks f , did	- _ From (_ [mate	TO _ ch to (_ _ case	- <u> </u> -patie	- ent's <i>A</i>	A2)	- _	_ -	· <u> </u>	_ to		
YES NO UNKNOWN. REFUSED					2 (C	GO T	O E28	8)						
E2. During the 2 were - - - - - - - - - - - - - - - - -	, whi	ich re	creat	ional	wate	er sett	ings d			_ - in, w	<u> </u> ade ii	_ to n, or	enter	?
	did	l you	swin	now m n or en 2 week -	ter t	the om	p	F YES, but your inder the	face					
Setting	Y	N	U	R	1	N 2-5		er of day >11	ys? U	R	Y	N	U	R
a. Lake, Pond,	-				1	2 -3	0-10	/11						
River or Stream	1	2	77	99	1	2	3	4	77	99	1	2	77	99
1 1. II 4 7F 1 C	1	2	77	99	1	2	3	4	77	99	1	2	77	99
b . Hot Tub, Spa, Whirlpool, Jacuzzi	1	_												
_	1	2	77	99	1	2	3	4	77	99	1	2	77	99

READ: THE FOLLOWING QUESTIONS ASK ABOUT TYPICAL SWIMMING ACTIVITIES DURING VISITS TO POOLS

E4. On a typical visit during the 2 weeks from (matc) _ - - , did you swimming?	
YES	
E5. On a typical visit during the 2 weeks from (mate _ - - , did you	
YES1 NO2 UNKNOWN77 REFUSED99	
E6. On a typical visit during the 2 weeks from (mate _ - - , did you	
YES	
E7. On a typical visit during the 2 weeks from (mate _ - - , did you	•
YES	
E8. IF YES TO E7, On a typical visit during patient's A2) _ _ - _ - _ to _ _ -water?	
YES1 NO2 UNKNOWN77 REFUSED99	

E9. On a typical visit during the 2 weeks from (match to case-patient's A2) _ - to - , did you dive or jump into the water?	
YES	
E10. On a typical visit during the 2 weeks from (match to case-patient's A2) _ - - _ to - _ - _ , did you use a slide to enter the water? YES	
E11. On a typical visit during the 2 weeks from (match to case-patient's A2) _ _ _ _ _ to _ _ _ _ _ , did you <u>eat</u> while visiting the pool?	
YES	
E12 . On a typical visit during the 2 weeks from (match to case-patient's A2) _ to - _ , did you consume any drink with <u>ice</u> , for examplice tea or soda from the soda fountain?	le
YES	
E13 . On a typical visit during the 2 weeks from (match to case-patient's A2) _ - to - _ - _ , did you drink from the <i>water fountain</i> at the swimming pool?	
YES	

E14. On a typical visit during the 2 weeks from (match to case-patient's A2)
_ - to - , did you go to the restrooms at the swimming pool
to

SOURCE	YES	NO	UNKNOWN	REFUSED
a. Change diapers	1	2	77	99
b. Wash hands	1	2	77	99
c. Urinate	1	2	77	99
d. Have bowel movements	1	2	77	99
e. Shower	1	2	77	99
e. Other Specify:	1	2	77	99

E15. On a typical visit during the 2 weeks from (match to case-patient's A2)
_ - - to - - , did you touch or play on the playground
equipment at a playground near the swimming pool?
YES1
NO2
UNKNOWN77
REFUSED99

READ: NOW I WOULD LIKE TO ASK YOU ABOUT THE SWIMMING POOLS YOU VISITED.

E16.	During the 2 weeks from (match to case-patient's A2) _ - to
	_ - , please list the swimming pools that you swam in or entered.
[EN]	FER ALL THAT APPLY]

IF YES, on how many	IF YES, please	(IF CANNOT	IF YES, did you
days in those 2 weeks?	list dates	RECALL	put your face
		EXACT	under the water?
		DATES , prompt	
		for <u>week</u> of	
		swimming in that	
		location and	
		enter date of	
		Wednesday of	
		that week	

											tilat Week					
Pool	Y	N	U	R	1		umbe 6-10				List dates (MM/DD/YY)	List dates (MM/DD/YY)	Y	N	U	R
a. (Pool A)	1	2	77	99	1	2	3	4	77	99			1	2	77	99
b. (Pool B)	1	2	77	99	1	2	3	4	77	99			1	2	77	99
c. (Pool C)	1	2	77	99	1	2	3	4	77	99			1	2	77	99
d. (Pool D)	1	2	77	99	1	2	3	4	77	99			1	2	77	99
e. (Pool E)	1	2	77	99	1	2	3	4	77	99			1	2	77	99
f. Other Specify:	1	2	77	99	1	2	3	4	77	99			1	2	77	99

IF THE PERSON DID NOT SWIM AT [POOL OF INTEREST], GO TO E28

READ: NOW I WOULD LIKE TO ASK YOU ABOUT YOUR ACTIVITIES AT THE ______(POOL OF INTEREST) (THESE QUESTIONS WILL NEED TO BE TAILORED TO THE SPECIFICS OF THE POOL)

	ing your activities at the(the pool of interest) during the 2 weeks from ase-patient's A2) _ - to - _ - _ did you swim in or ding pool?
YES.	1
	2
UNK	NOWN77
REFU	USED99
E18. Did you	a swim in or enter the <u>main pool</u> (if applicable)?
YES.	1
NO	2 (GO TO E23)
UNK	NOWN77 (GO TO E23)
REFU	USED99 (GO TO E23)
	IF YES TO E18, When you were in the main pool did you ever use the <u>water slide</u> plicable)?
	YES1
	NO2
	UNKNOWN77
	REFUSED99
	IF YES TO E18, When you were in the main pool did you ever use the <i>frog slide</i> plicable)?
	YES1
	NO2
	UNKNOWN77
	REFUSED99
	IF YES TO E18, When you were in the main pool did you ever go under the
<u>raind</u>	<u>rop tree</u> (if applicable)?
	YES1
	NO2
	UNKNOWN77
	REFUSED99

E22. IF YES TO E18, When you were in the main pool did you ever use the diving

boards (if applicable)? YES...... NO......2 UNKNOWN......77 REFUSED......99 **E23.** During the 2 weeks from (match to case-patient's A2) |__|-|_|-|_| to |__|_|-|__|, did you swim at a swim meet at the _____(the pool of interest)? YES.....1 UNKNOWN.......77 (GO TO E25) **E24. IF YES TO E23,** What date? |__|-|_|-|__|-MM DD YY **E25.** When the _____(the pool of interest) closed, the period between facility or recreational area? YES...... 1 UNKNOWN......77 (**GO TO E27**) REFUSED.......99 (**GO TO E27**) **E26.** IF YES TO E25, What pool/recreational area(s) did you swim in while the (the pool of interest) was closed (| | |-| | | | to |_|-|_|-|_||-|||)? (WRITE IN NAME OF POOL/RECREATIONAL AREA) Name of Pool/Recreational Area

E27 . During the 2 weeks from (match to case-patient's A2) _ - to - _ - _ , did you participate as a member of any of the following groups at the(the pool of interest)? [READ ALL AND ENTER ALL THAT APPLY]
(THIS QUESTION WILL NEED TO BE TAILORED TO THE SPECIFICS OF THE POOL)
Swimming/diving team 1 Swimming lessons 2 Water aerobics 3 UNKNOWN 77 OTHER 88 If Other, specify: REFUSED 99
E28. Are you a member of the(the pool of interest)?
YES
READ: NOW WE WILL FOCUS ON YOUR RECREATIONAL WATER EXPOSURE DURING THE <u>ONE MONTH FROM</u> _ _ - _ _ to _ _ - _ _ . NOTE: THIS INTERVAL IS <u>NOT THE SAME</u> AS PREVIOUS INTERVALS.
THIS INTERVAL IS FROM THE DATE OF <u>ONSET</u> OF DIARRHEA IN THE CASE-PATIENT (MATCH TO CASE-PATIENT'S A2) UNTIL <u>ONE MONTH LATER</u> .
E29. During the <u>one month from - to - , did you swim or enter recreational water (other than in a bathtub or shower)?</u>
YES

							swim c the <u>on</u> -		to fro	<u>m</u>
Setting	Y	N	U	R	1	N 2-5	umber 6-10	of day >11	ys? U	R
a. Lake, Pond, River or Stream	1	2	77	99	1	2-3	3	4	77	99
b . Hot Tub, Spa, Whirlpool, Jacuzzi	1	2	77	99	1	2	3	4	77	
c. Recreational Water Park other than swimming pools (list area examples, if known)	1	2	77	99	1	2	3	4	77	99

					da en	iys d	S, on id you he wa ?	ı swi	m or		IF YES, please list dates	IF CANNOT RECALL EXACT DATES, prompt for <u>week</u> of swimming in that location and enter date of <u>Wednesday</u> of that week
Pool	Y	N	U	R	1		ımbe 6-10				List dates (MM/DD/YY)	List dates (MM/DD/YY)
a. (Pool A)	1	2	77	99		2	3		77			
b. (Pool B)	1	2	77	99	1	2	3	4	77	99		
c. (Pool C)	1	2	77	99	1	2	3	4	77	99		
d. (Pool D)	1	2	77	99	1	2	3	4	77	99		
e. (Pool E)	1	2	77	99	1	2	3	4	77	99		
f. Other Specify:	1	2	77	99	1	2	3	4	77	99		
IF THE PERSON DID NOT SWIM AT THE												
OF IN		W I	WO								BOUT YOUR ACITIVIT	IES AT THE
E33. Du participa [READ	NO aring ate as	the a m	one i nemb	_ (<i>PC</i> monti er of E NTI	OOL h fr any E R	om y of AL	_ _ the f L TH	_ - _ follo	EST win	_ - <u>_</u> g gro PPLY	to - - - ups at the(the	_ , did you

E34. During the <u>one month f</u> or enter the <u>wading pool</u> (if a	<u>com</u> _ - - to - _ - _ - _ , did y oplicable)?	ou swim in
YES	1	
NO	2	
UNKNOWN	77	
REFUSED	99	
E35. During the <i>one month f</i> or enter the <i>main pool</i> ?	<u>rom</u> _ - _ - _ to _ - _ - _ , did y	ou swim in
YES	1	
NO	2	
UNKNOWN	77	
REFLICED	99	

SECTION F. EVENTS

READ: NOW I WOULD LIKE TO TALK TO YOU ATTENDED FROM (match to case-patient's Section _ - .	
F1. From (match to case-patient's Section F) _ _ did you attend any large social gatherings with 50 or more county fairs, or other events?	
YES	3)
F2. IF YES TO F1, Please list the event(s) that MENTIONED] [IF SPECIFIC EVENTS ARE IN QUESTIO GENERAL QUESTIONS]	•
Event A (_ _ - _ _ _ date) Event B (_ _ - _ - _ date) Event C (_ _ - _ - _ date) Event D (_ _ - _ - _ date) Event E (_ _ - _ - _ date) Other - please specify:	02 03 04 05
F3. Did you attend any events/parties/potlucks held at t	the(the pool of interest)?
YES	(5)
F4. IF YES TO F3, Please name the events/par	
<u>Name</u>	<u>Date (MM/DD/YY)</u>
	- -

F5. Did you attend any events/parties/potlucks _ - _ - _ to - _ - _ a pool of interest)?	<u>-</u>
YES	O TO F7)
F6. IF YES TO F5, Please name the e	vents/parties/potlucks?
<u>Name</u>	Date (MM/DD/YY)
	- - - - -
F7. While attending <u>any</u> of these events, did you ice tea, lemonade, or other powdered or concern	ou drink any beverage made with water, such as strated drink mix?
YES1	
NO2 (G 0	
UNKNOWN	
F8. IF YES TO F7, Please name the events/pa	arties/potlucks?
<u>Name</u>	Date (MM/DD/YY)

packaged?	ou eat any 1000 that was not commercially
YES	GO TO SECTION G)
F10. IF YES TO F9, Please name the	e events/parties/potlucks? Date (MM/DD/YY)
	- -

SECTION G. TRAVEL HISTORY

READ: NOW I WOULD LIKE TO TAL DURING THE <u>2 WEEKS</u> FROM (match _ - - .	K TO YOU ABOUT YOUR TRAVEL HISTORY to case-patient's A2) _ _ - _ - _ TO
G1. During the 2 weeks from (match to c _ - - , did you travel within	case-patient's A2) _ - - to n the state?
YES	(GO TO G3) 3 (GO TO G3)
G2. IF YES TO G1, Please tell m (WRITE IN LOCATION)	e where you went within the state:
LOCATION	CODE
A	
В	
C	
G3. During the 2 weeks from (match to one of the content of the c	(GO TO G5) 3 (GO TO G5)
G4. IF YES TO G3, Please tell m (WRITE IN LOCATION)	he the name of the cities and states that you traveled to:
CITY/STATE	CODE
A	
В	
С	1 1 1

G5. During the 2 weeks from (match) _ - , did you travel to	<u> </u>
YES	. 1
NO	
REFUSEDUNKNOWN	
G6. IF YES TO G5, Please tell (WRITE IN LOCATION)	ll me which country or countries you traveled to:
COUNTRY	CODE
A	
В	
C	
_ , did you travel to	to case-patient's A2) _ - - to (name of specific location)?
YES	
NOUNKNOWN	
REFUSED	

FOLLOW THIS QUESTION WITH QUESTIONS ABOUT SPECIFIC ACTIVITIES, IF APPLICABLE

SECTION H. ANIMAL CONTACT

	ETO TALK TO YOU ABOUT YOUR CONTACT WITH <u>EEKS</u> FROM (match to case-patient's A2) _ - _ - _ -
	match to case-patient's A2) _ - _ - _ to ave contact with any animals (at home, on a farm, at a zoo, at a
YES	
	2 (GO TO H3)
UNKNOWN	77 (GO TO H3)
REFLICED	99 (CO TO H3)

H2. IF YES TO H1, To which of the following animals?

READ THE LIST. ENTER AND ASK THE CORRESPONDING QUESTIONS.

ANIMAL	Did you have contact with this animal (feeding, petting, playing)?			Did this animal have diarrhea?				
	Y	N	U	R	Y	N	U	R
a. Kitten (< 6 months)	1	2	77	99	1	2	77	99
b. Cat	1	2	77	99	1	2	77	99
c. Puppy (< 6 months)	1	2	77	99	1	2	77	99
d. Dog	1	2	77	99	1	2	77	99
e. Calf	1	2	77	99	1	2	77	99
f. Cow/Bull/Steer	1	2	77	99	1	2	77	99
g. Deer	1	2	77	99	1	2	77	99
h. Goat/Sheep/Lamb	1	2	77	99	1	2	77	99
i. Horse	1	2	77	99	1	2	77	99
j. Pigs	1	2	77	99	1	2	77	99
k. Poultry	1	2	77	99	1	2	77	99
(chicken, turkey, etc.)								
l. Rabbit	1	2	77	99	1	2	77	99
m. Amphibian/reptile (frog,	1	2	77	99	1	2	77	99
turtle, lizard, snake, etc.)								
n. Other	1	2	77	99	1	2	77	99
Specify:								

H3. Durin	g the 2 weeks from (match to case-patient's A2) _ _ - _ _ to _ -
- _	, did you touch or shovel animal waste/ manure or walk through any area where
animal was	ste/ manure was on the ground?
VE	S1
	D2
UN	IKNOWN77
RE	FUSED99
•	ou visit, work on, or live on a farm during the 2 weeks from (match to case-patient's - _ - to - - ?
	S1
NC)2
UN	IKNOWN77
RE	FUSED99

SECTION I: DEMOGRAPHIC INFORMATION

READ: FINALLY, I WOULD LIKE TO ASK YOU SOME QUESTIONS ABOUT YOURSELF.

I1. What is your ZIP code? _ _ UNKNOWN77777 REFUSED99999	
I2. What is your age? Age (years)	
I3. What is your gender?	
MALE	
I4. What county do you live in?	
IF RESPONDENT ANSWERS "DON'T KNOW", ASK:	
I5. What city do you live in?	
I6. What racial or ethnic group do you consider yourself part of ?	
PROMPT IF NECESSARY:	
WHITE, NON-HISPANIC	
UNKNOWN	

END OF QUESTIONNAIRE: This concludes our questionnaire. I would like to the	nank you
very much for your time, patience, and cooperation in answering our questions. I w	ould be
happy to answer any questions you may have at this point.	
If you have any questions in the future please contact the	_(city/county
health department) at(phone number).	