



**Innovative Emergency Management®**

**Umatilla CSEPP  
Public Affairs IPT Survey:  
Executive Summary**

**June 19, 2002**

**I E M / T E C 0 2 - 0 2 6**



***Prepared For***

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## 1.0 Introduction

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This document is a summary of a public outreach survey that was conducted in the Umatilla Chemical Stockpile Emergency Preparedness Program (CSEPP) community during the period from May 18–21, 2002. This survey effort is an outgrowth of the current work being undertaken by the Umatilla CSEPP Community and, for the first time, the CSEPP Public Affairs Integrated Process Team (IPT). Where appropriate, this document shows comparisons with past survey efforts conducted by the Umatilla Public Information Group in conjunction with Moore Information, Inc.

The survey was developed by the CSEPP Public Affairs IPT. Mark Clemens, Washington State Emergency Management Agency Public Information Officer (PIO), chaired the subcommittee that developed the survey. Cheryl Humphry, Umatilla County CSEPP Public Information Officer, was also instrumental in the questionnaire design, along with other public information officers in the Umatilla community.

Innovative Emergency Management, Inc. (IEM) served as technical advisor to the IPT, assisted in developing the survey, and provided analysis of the results. Moore Information, Inc. fielded the survey and provided data to IEM for analysis.

A total of 814 residents living within the emergency planning zones responded to the survey, including 31 residents of the Washington State Emergency Planning Zones (EPZs), and 783 residents of the Oregon State EPZs. All statistics presented in this report are weighted back to population proportions to correct for the over-sampling of Washington residents. The survey was developed with the same  $\pm 3.4$  margin of error at the 95% confidence level used in previous Umatilla surveys. Systematic random digit dialing was used to reach telephone households not listed in current directories and to achieve a representative sample of adults living in these planning zones. In addition to using or adapting some of the same questions used in previous surveys, new open-ended questions were designed to record residents' specific knowledge of protective actions.

## 2.0 Key Findings

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- A full 96% of the residents in the Umatilla CSEPP emergency planning zones are aware of the chemical agents stored at the depot. This is the successful result of many years of public outreach in the Umatilla CSEPP community. Awareness levels differ significantly by ethnicity. Ten percent of the Hispanic population is unaware of the chemical agents, versus only 3% of the non-Hispanic population.
- Forty-six percent of residents say they would learn of a chemical emergency at the Umatilla Chemical Depot from the sounding of tone-alert radios (TARs), and 40% would learn of it from the sounding of sirens.

- Seventy-two percent of the residents in the Umatilla CSEPP community responded that they were confident (38% very confident) that they would be notified quickly in case of a chemical emergency at the Umatilla Chemical depot.
- Only 30% of residents know the difference between the sound the sirens make when being tested versus the sound they make in the event of an actual chemical emergency.
- Twenty-nine percent of residents in the Umatilla CSEPP emergency planning zones would get instructions on how to protect themselves and their family during a chemical emergency from their tone-alert radio. An additional 27% indicated they would get this information from a radio, and 10% indicated that they don't know to where to get instructions from during a chemical emergency. The remaining 34% of residents would look elsewhere to a variety of sources for instructions.
- Eighty-two percent of residents agree (51% strongly) with the statement, "I know what to do if I am warned of a chemical emergency at the Umatilla Chemical Depot." There is a difference between ethnic groups, with only 69% of the Hispanic population agreeing that they know what to do in a chemical emergency versus 83% of the non-Hispanic population. Although there has been an increase in the percentage of residents who feel they know what to do since June 2000, there is no significant change in this percentage from June 2001.
- When asked "What action would you take if you found out there was a chemical emergency at the Umatilla Chemical Depot," 29% of residents indicated that they would shelter in place (30% in Oregon versus 6% in Washington). An additional 24% would not take action until they had more information (24% in Oregon versus 10% in Washington) and 25% of the population would evacuate (24% in Oregon versus 55% in Washington). The remainder indicated some other response.

When correct emergency responses are summarized across states, 54% of Oregon EPZ residents would either shelter in place (30%) or await official information and instructions (24%). In Washington, 65% of EPZ residents would either evacuate (55%) or await official information and instructions (10%).

- Sixty-seven percent of residents are confident (34% very confident) that they know how to shelter in place and make a room safe from chemical vapors in the event of a chemical emergency. Thirty percent feel not very confident (13.4%) or not confident at all (16.3%) that they could do the same. There is no statistical difference in the percentage of confident residents since the June 2001 survey.

- When asked, “What actions would you take to shelter in place,” 71% of residents were able to name at least one action that is necessary to implement a shelter-in-place protective action successfully.
- Eighty percent of residents have a shelter-in-place kit, with 76% having them at home and 29% having them at their business (with 25% overlapping). Seventeen percent of residents do not have a shelter-in-place kit at either location, and 3% don’t know. Although there has been an increase in the percentage of residents that have a shelter-in-place kit at their home or office since June 2000, there is no significant change in this percentage from June 2001.
- When asked, “What actions would you take to evacuate and how would you know where to go,” 63% of residents are able to name at least one action that is necessary to implement an evacuation protective action successfully.
- Only 20% of residents know which reception or assistance center to go to in the event of an evacuation. The percentage of residents who know this is numerically lower than in previous time periods. Sixty-five percent of Washington residents know which center they would go to, in contrast to only 19% of Oregon residents.
- Forty-eight percent of residents and their families have an emergency plan. The percentage of residents who have an emergency plan is numerically higher than in previous time periods.
- Eighty percent of emergency planning zone residents with children in a school located within a Umatilla CSEPP emergency planning zone were confident (47% very confident) that their child or children would be safe at their school in the event of a chemical emergency at UMCD. Although there has been an increase in the percentage of parents who are confident in their children’s safety at school during a chemical emergency since June 2000, there is no significant change in this percentage from June 2001. Parents with children in an overpressurized school were more confident that their children would be safe at school in the event of a chemical emergency than those parents with children in non-pressurized schools (83% versus 71%).
- Thirty-six percent of residents with a child attending school characterized themselves as being likely to go to the school to get their child (28% very likely). There has been a significant decrease in the percentage of parents that consider themselves likely to go to the school to get their child in the event of an emergency since June 2000.
- Only 39% of parents with children in non-pressurized schools knew the location to which their children would be bussed for safety. Although this is still less than half of the parents, it is a significant increase in this percentage since June 2001, when only 20% of parents knew where their children would be bussed.

- Residents indicate that they would rely on a variety of information sources for information regarding emergency preparedness. Thirty-one percent of residents would get information from the Umatilla CSEPP/Chemical Disposal Outreach office *today* about how to protect themselves and their family during a possible chemical emergency.
- At the time of the survey, 33% of residents had heard, seen, or read any information about how to prepare for a chemical emergency within the last week. An additional 26% had done the same within the last month and 36% within the last year.
- Sixty-four percent of residents agree with the statement, “I personally would be willing to spend at least one hour a month learning about the Chemical Stockpile Emergency Preparedness Program and telling the local officials what I think I need to be prepared,” with 35% agreeing strongly.

### 3.0 Point of Contact

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The main IEM point of contact for this project is Mark Shull. He may be reached at:

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## Appendix A: Survey Text and Results

### Umatilla CSEPP Survey (N=814) Taken May 18–21, 2002

Hello, this is (FIRST AND LAST NAME) of Moore Information, a public opinion research company. We are conducting a survey among people in your area today. We are not selling anything. Have I reached (PHONE #)? IF NOT: TERMINATE.

Could I speak to a member of the household who is 18 years of age or older? IF UNAVAILABLE SCHEDULE CALLBACK AND TERMINATE.

IF YES: Could you spend a few minutes with me on the phone to answer some questions about the Chemical Stockpile Emergency Preparedness Program, also known as CSEPP (SEE-SEP)?

**Note:** Percentages may not sum to 100% due to rounding. If the wording for a question differed in any way from previous surveys conducted by Moore Information, Inc. for the Umatilla PIG and a comparison to previous data is made, the prior wording is reflected in a footnote.

1. Are you aware of the chemical agents at the Umatilla Chemical Depot?

**Table 1: Responses to Question 1**

Response	May 2002
Yes	96%
No	4%

2. How would you know if there were a chemical emergency at the Umatilla Chemical Depot?

**Table 2: Summarized Open-Ended Responses to Question 2**

Response	May 2002
Tone Alert Radio	46%
Siren	40%
AM/FM Radio	3%
TV	1%
Called to work	2%
Don't/Wouldn't know	4%
Other	4%

3. Please tell me if you agree or disagree with the following statement:

“I know what to do if I am warned of a chemical emergency at the Umatilla Chemical Depot.”

**Table 3: Responses to Question 3**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Agree strongly	51%	47%	43%	45%	43%
Agree somewhat	31%	34%	35%	32%	30%
Total “Agree” responses	82%	81%	78%	77%	73%
Disagree somewhat	7%	7%	9%	8%	10%
Disagree strongly	9%	8%	10%	10%	14%
Total “Disagree” responses	16%	15%	19%	18%	24%
Don't know	3%	4%	3%	5%	3%

4. What action would you take if you found out there was a chemical emergency at the Umatilla Chemical Depot?

**Table 4: Summarized Open-Ended Responses to Question 4<sup>1</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Shelter in place	29%	27%	28%	32%	26%
Evacuate	25%	16%	15%	16%	20%
Await instructions from officials	24%	36%	31%	35%	38%
Seek instructions from officials	1%	1%	*	*	—
Seek instructions from others	4%	1%	2%	1%	—
Respond to work	1%	*	1%	*	*
Depends	3%	—	—	—	—
Nothing	3%	5%	5%	2%	—
Other	4%	3%	3%	2%	1%
Don't know	6%	11%	16%	11%	14%

5. Why do you say that?

Q6-7 ONLY IF RESPONSE TO Q4 WAS SHELTER IN PLACE

6. What actions would you take to “shelter in place”?
7. If you were instructed to evacuate, what actions would you take and how would you know where to go?

Q8-9 ONLY IF RESPONSE TO Q4 WAS EVACUATE

8. What actions would you take to evacuate and how would you know where to go?
9. If you were instructed to shelter in place, what actions would you take?

<sup>1</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 2, “In the event of a chemical accident at the Umatilla Chemical Depot, 62 sirens in the surrounding area would go off and signal to local residents that a chemical accident had occurred. Upon hearing the siren, what is the first thing you would do?” Responses from June 2000–June 2001 were re-categorized from data presented by Moore Information.

\* Less than one-half of one percent.

Q10-11 ONLY IF RESPONSE TO Q4 WAS NOT RESPONSE 1 OR 2

10. If you were instructed to evacuate, what actions would you take and how would you know where to go?

11. If you were instructed to shelter in place, what actions would you take?

**Table 5: Summarized Open-Ended Responses to Questions 6, 9, and 11 Regarding Actions Taken to Shelter in Place<sup>2</sup>**

Response	May 2002
Seal door and windows of outside rooms	28%
Seal shelter room	24%
Occupy center shelter room	11%
Don't know	11%
Go inside home/workplace/other	7%
Evacuate	7%
Use the kit/shelter in place kit/emergency kit	7%
Close doors and windows	5%
Take radio into shelter room	3%
Follow/Listen for further instruction	3%
Turn on radio	3%
Nothing	2%
Get water supply	2%
Get food supply	2%
I/We wouldn't	2%
Shelter in place	1%
Go to the school	1%
Stay with/go be with family	1%
Turn off HVAC system	*
Block off/Shut off outside air supply	*
Locate/collect pets	*

<sup>2</sup> Percentages sum to greater than 100% due to multiple responses.

\* Less than one-half of one percent.

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Response	May 2002
Go to hospital	*
Will stay or go—Undecided/Depends	*
Prepare to die/Panic	*
Make phone calls	*
Make my own shelter	*
Get flashlights	*
Take phone in with me	*
Stay if had gas mask	*
Check wind direction	*
Kneel/Pray	*
Depends on circumstances/instructions given	*
Call for help	*
Use carbon filter	*
Fill tub with water	*
Get ready to go	*
Go to fire department	*

\* Less than one-half of one percent.

**Table 6: Summarized Open-Ended Responses to Questions 7, 8, and 10 Regarding Actions Taken to Evacuate<sup>3</sup>**

Response	May 2002
Listen to EAS (radio/TV) for correct evacuation route	19%
Don't know	18%
Go in direction of pre-planned place/direction/route	17%
Leave residence/workplace	12%
Check wind direction	9%
Pack or gather belongings for evacuation	7%
Leave/Get out of town/Get in car and go	6%
Listen to EAS (radio/TV) for location of shelter/reception center/other	6%
Find/Meet/Go get my family	3%
Follow instruction(s)/Listen for help	2%
Listen to alert box/Tone alert radio/Emergency radio	2%
Follow freeway/road/reader signs/take freeway	1%
Go to school(s) to pick up child(ren)	1%
I wouldn't/I'd stay/Ignore them	1%
Nothing	1%
Locate/collect pets	1%
Turn on/Listen to TV/radio	1%
Away from depot/spill	1%
Check the calendar	1%

<sup>3</sup> Percentages sum to greater than 100% due to multiple responses.

\* Less than one-half of one percent.

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<b>Response</b>	<b>May 2002</b>
Make phone calls/Call people/family/help	1%
Depends on circumstances	1%
Get preparedness kit/packet/pamphlet	1%
Report to work/Go to work	1%
Have a map/Check the map	*
Go to the school	*
Go to fire department	*
Listen to siren/Loud speaker	*
Get/Follow instructions from police/dispatch	*
Go to nearest shelter	*
Make sure tanks are full of gas	*
Will shelter in place	*
Shelter/Evacuate depends on instructions	*
I can walk there	*
Secure the house	*
Listen to scanner	*
Get help	*
Find out what's going on	*
Get water	*
Read the booklet	*
Get in plane—fly away	*
Grab wallet	*
Hook up camper	*

\* Less than one-half of one percent.

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Response	May 2002
Follow Washington State Parks plan	*

12. How would you get instructions on how to protect yourself and your family *during* a chemical emergency at the Umatilla Chemical Depot?

**Table 7: Summarized Open-Ended Responses to Question 12<sup>4</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Tone Alert Radio	29%	37%	33%	35%	20%
Radio	27%	38%	43%	37%	49%
Don't Know	10%	10%	11%	15%	20%
Other	8%	*	1%	*	*
Preparedness package/video	5%	2%	2%	2%	1%
TV	4%	4%	3%	3%	3%
Pamphlet	3%	1%	1%	2%	1%
Need None/Nowhere	3%	*	1%	*	—
Siren	2%	4%	3%	2%	2%
Local EMA	2%	—	—	—	—
Local Officials	2%	2%	1%	1%	2%
Calendar	2%	*	*	*	1%
Call 911	1%	—	—	—	—
Call CSEPP Office	1%	—	—	—	—

13. In the event of an evacuation, do you know which reception or assistance center you should go to?

\* Less than one-half of one percent.

<sup>4</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 3, “If a chemical accident occurred at the Umatilla Chemical Depot, where do you think you would get instructions on how to protect yourself and your family when you hear the warning signals?” Responses from June 2000–June 2001 were re-categorized from data presented by Moore Information.

**Table 8: Responses to Question 13<sup>5</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes	20%	26%	27%	25%	22%
No/Don't know	80%	74%	73%	75%	78%

14. Do you or your family have an emergency plan?

**Table 9: Responses to Question 14<sup>6</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes	48%	44%	44%	42%	37%
No / Don't know	52%	56%	56%	58%	63%

15. Does your home or business have a shelter in place kit?

**Table 10: Responses to Question 15**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes, home	51%	61%	64%	63%	56%
Yes, business	4%	2%	2%	2%	2%
Yes, both	24%	18%	18%	14%	14%
No, neither	17%	19%	15%	19%	25%
Don't know	3%	1%	1%	1%	2%

16. How confident are you that you know how to shelter in place, and make a room safe from chemical vapors in the event of a chemical emergency?

<sup>5</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 10, “In the event of an evacuation, do you know which shelter or reception area you should go to?”

<sup>6</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 11, “Do you or your family have an emergency plan instructing family members on what to do and where to go in the event that you are asked to evacuate?”

**Table 11: Responses to Question 16**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Very confident	34%	37%	33%	34%	30%
Somewhat confident	33%	33%	35%	33%	33%
Total "Confident" responses	67%	70%	68%	67%	63%
Not very confident	13%	14%	13%	15%	16%
Not confident at all	16%	14%	17%	16%	18%
Total "Not confident" responses	30%	28%	30%	31%	34%
Don't know	3%	2%	2%	3%	3%

17. Do you have children in a local school in grades K–12?

**Table 12: Responses to Question 17<sup>7</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes	33%	28%	30%	34%	32%
No	67%	72%	70%	66%	68%
Don't know/ Refused	*	—	—	—	—

RESPONDENTS WITH CHILDREN IN SCHOOL ANSWER QUESTION 18

18. What school(s) do they attend? (N=269)

**Table 13: Responses to Question 18<sup>8</sup>**

School	Overpressurized	May 2002
A.C. Houghton Elementary	Yes	5%
Armand Larive Middle School	Yes	10%

<sup>7</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 12, "Do you have children in grades Kindergarten through twelfth grade who attend local schools?"

\* Less than one-half of one percent.

<sup>8</sup> Percentages sum to greater than 100% due to multiple responses.

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<b>School</b>	<b>Overpressurized</b>	<b>May 2002</b>
Clara Brownell Middle School	Yes	5%
Columbia Middle School	Yes	6%
Desert View Elementary	Yes	7%
Hermiston High School	Yes	15%
Highland Hills Elementary	Yes	7%
McNary Heights Elementary	Yes	11%
Rocky Heights Elementary	Yes	6%
Sandstone Middle School	Yes	12%
Sunset Elementary	Yes	6%
Umatilla High School	Yes	5%
West Park Elementary	Yes	5%
Echo Elementary	No	2%
Echo High School	No	2%
Hermiston Christian School	No	2%
Hermiston Junior Academy	No	3%
Paterson Elementary	No	1%
Riverside High School	No	10%
Sam Boardman Elementary	No	6%
Stanfield Elementary	No	5%
Stanfield High school	No	2%
Stanfield Middle School	No	1%
Home school		2%
Other		7%
Don't know		2%

RESPONDENTS WITH CHILDREN AND RESPONSES TO Q18 OTHER THAN “HOME SCHOOL,” “OTHER,” AND “DON’T KNOW” ANSWER QUESTIONS 19–22

19. How confident are you that your child/children would be safe at their school(s) in the event of a chemical emergency at the Umatilla Chemical Depot? (N=245 for May 2002)

**Table 14: Responses to Question 19<sup>9</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Very confident	47%	42%	40%	32%	29%
Somewhat confident	33%	37%	38%	35%	41%
Total “Confident” responses	80%	79%	78%	67%	70%
Not very confident	8%	11%	13%	15%	13%
Not confident at all	10%	7%	7%	14%	14%
Total “Not confident” responses	18%	18%	20%	29%	27%
Don’t know	1%	4%	2%	3%	3%

20. In the event of a chemical emergency at the Umatilla Chemical Depot, are you likely or unlikely to go to the school to get your child/children? (N=245 for May 2002)

<sup>9</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 13, “How confident are you that your children will be safe at school in the event of a chemical accident at the Umatilla Army Depot?”

**Table 15: Responses to Question 20<sup>10</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Very likely	28%	27%	35%	44%	41%
Somewhat likely	8%	14%	14%	10%	15%
Total "Likely" responses	36%	41%	49%	54%	56%
Somewhat unlikely	18%	12%	13%	12%	11%
Very unlikely	40%	40%	31%	27%	29%
Total "Unlikely" responses	58%	52%	44%	39%	40%
Don't know	6%	7%	8%	6%	4%

21. Why do you say that?

Q22 ONLY IF CHILD ATTENDS A NON-OVERPRESSURIZED SCHOOL

22. In the event of a chemical accident, students in non-overpressurized schools will be bussed to a safe location, where parents can pick up their children. Do you know the location where your child will be bussed to safety? (N=79 for May 2002)

**Table 16: Responses to Question 22**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes	39%	20%	25%	26%	18%
No/Don't know	61%	80%	75%	74%	82%

23. How would you get information today about how to protect yourself or your family during a possible chemical emergency?

<sup>10</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 16, "In the event of a chemical accident at the Umatilla Army Depot, how likely are you to go to the school to get your children?" Responses from June 2000 – June 2001 were re-categorized from data presented by Moore Information ("fairly" and "somewhat" likely classes combined).

**Table 17: Summarized Open-Ended Responses to Question 23<sup>11</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
CSEPP Outreach Office	31%	35%	32%	29%	25%
Nothing/Don't know	15%	23%	26%	30%	29%
Tone Alert Radio	8%	1%	1%	—	—
Other	8%	13%	10%	15%	14%
Radio	7%	3%	4%	4%	4%
Calendar/Booklet/Kit	5%	9%	11%	7%	14%
Emergency 800 Number	4%	—	1%	—	—
Army depot	4%	—	2%	2%	1%
Website/Internet	4%	4%	2%	2%	4%
Alert Center	3%	—	—	—	—
Fire Department	2%	4%	3%	3%	4%
Family	2%	1%	1%	1%	—
TV	2%	1%	*	1%	*
My Work	2%	1%	1%	1%	1%
Police Dept.	2%	2%	2%	2%	1%
City Hall	1%	3%	3%	2%	2%
School	1%	*	1%	1%	1%
Local EMA	1%	*	—	—	—

24. When was the last time you heard, saw, or read any information about how to prepare for a chemical emergency?

<sup>11</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 17, “Where would you be most likely to go to get information about how to get prepared for a possible chemical accident at the Umatilla Chemical Depot?” Responses from June 2000–June 2001 were re-categorized from data presented by Moore Information.

**Table 18: Responses to Question 24**

<b>Response</b>	<b>May 2002</b>
Within the last week	33%
Within the last month	21%
Within the last year	36%
More than a year ago	2%
Never	1%
Don't know	8%

25. Do you recall what you heard, saw, or read? (N=749)

**Table 19: Summarized Open-Ended Responses to Question 25**

<b>Response</b>	<b>May 2002</b>
No	29%
Drills/Tests/Weekly tests/Siren tests	12%
Don't know	11%
How to shelter in place/Video tape showed how to seal off house	8%

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<b>Response</b>	<b>May 2002</b>
What to do in case of emergency/Be prepared	6%
Emergency calendar/Calendar	3%
Emergency kit/Shelter in place kit	2%
TV ads	2%
Went through a drill at school	2%
Gives a phone number and website to contact for more information	1%
In the paper (general)	1%
If wanted more information/Don't know what to do could call CSEPP	1%
At the fair	1%
Pamphlet/Brochure they sent/handed out	1%
Tone alert radio	1%
Instructions are in the box/in the shelter in place kit	1%
The adult population aren't as educated as the children	1%
Use of the tone alert radio	1%
Information at work/CSEPP representative came to work	1%
About evacuation routes	1%
CSEPP Representative went over the system at school/head start for staff	1%
What chemicals/agents are out there	*
Radio commercial/ad	*
Jim Stern, fire chief talked on the radio	*
Emergency preparedness demonstration at Cinco do Mayo	*

\* Less than one-half of one percent.

**Umatilla CSEPP Public Affairs IPT Survey: Executive Summary**

<b>Response</b>	<b>May 2002</b>
Saw on the Internet	*
Same old thing/Nothing new (general)	*
Commercial (general)	*
Going to start incinerating chemicals soon	*
Radio (general)	*
Orientation at work	*
County emergency plan/911 efforts	*
We should pay attention to the reader boards/billboards	*
There isn't much of a danger	*
Pressurization test at the school	*
Meeting in the gym	*
Family check-list	*
Read about drill in the paper	*
Belong to a group that has meetings about what to do	*
A program on TV (general)	*
They had a demonstration (general)	*
News about plans (general)	*
TV (general)	*
I work for the depot	*
Little chance of chemicals blowing to us/Out of immediate danger	*
Notice of a test in the paper	*
Shows window plastic without instruction	*
Gave us a monitor	*

\* Less than one-half of one percent.

**Umatilla CSEPP Public Affairs IPT Survey: Executive Summary**

<b>Response</b>	<b>May 2002</b>
Reviewed during Army enlistment	*
Something about terrorists	*
Most of it is common sense	*
At the hospital, we had in-service	*
To run towards the west	*
Having a box in place	*
Not to panic	*
Read a sign today	*
What we were told (general)	*
Newspaper ad	*
Read the information when they started the facility	*
Some want to burn the chemicals and some don't	*
Get prepared or get out of town	*
Newspaper article on sheltering in place or leaving	*
About the kids staying at school	*
Showers were set up at park during festival	*
Demonstration put on by school	*
Police chief said, "If you don't know what to do, call somebody"	*
TV ad about a class you can take to get more information	*
Grandson brought something home	*
Word of mouth	*
Mailed a test schedule	*

\* Less than one-half of one percent.

**Umatilla CSEPP Public Affairs IPT Survey: Executive Summary**

<b>Response</b>	<b>May 2002</b>
Comprehensive information from the depot	*
I was working for the chemical company	*
A Wally magnet that was mailed to us	*
Child had school information	*
About the sirens	*
Listen to radio and have kit ready	*
In paper, what systems are in place	*
On the news, special test	*
Where to go in case of emergency	*
On radio about needing to be informed	*
They say not to worry	*
Advisory board gave the governor the go ahead	*
About shelters in Heppner and Lexington	*
Told us what kind of mask to buy	*
Replacing the antidotes at the local hospital	*
Was at the safety center	*
I went to the class	*
A tape from the landlord	*
Information about burning sites	*
Articles, concerned about chemical emergency happening	*
Article on the schools	*
How they would dispose of weapons	*
Draining the water heater for fresh water	*

\* Less than one-half of one percent.

**Umatilla CSEPP Public Affairs IPT Survey: Executive Summary**

<b>Response</b>	<b>May 2002</b>
Discussion between two people	*
Said they would notify us if anything happened	*
Talked to fireman about emergency procedures	*
In paper, meeting at community center	*
I have a video, haven't watched it	*
Informal video at school	*
Garbled response on loud speaker	*
TV, about keeping family safe	*
Radio, something about a package, haven't received it	*
Readiness of chemical burn tests	*
Political awareness group at senior center	*
They were delaying burning	*
Children are safe in pressurized environment	*
Display outside Walmart about kits	*
Would receive a kit and be bussed to another area	*
A member of the fire department	*
If you have children in school don't go to them	*
Contacted CSEPP	*
Showing a new map	*
Training through the fire station	*
Stuff about possible leaks	*
There was a recall on some of the alarms	*

\* Less than one-half of one percent.

\* Less than one-half of one percent.

26. IF YES: Where did you hear, see or read it? (N=532)

**Table 20: Summarized Open-Ended Responses to Question 26**

<b>Response</b>	<b>May 2002</b>
Television	18%
Newspaper	16%
Radio	14%
At work	10%
Informational package	9%
School	4%
Don't know	4%
Word of mouth	4%
Calendar	3%
The alarm/sirens/testing	2%
At home (general)	2%
Mail	2%
At the fair	2%
Video	1%
Tone alert radio	1%

**Umatilla CSEPP Public Affairs IPT Survey: Executive Summary**

<b>Response</b>	<b>May 2002</b>
Shelter in place kit/The kit	1%
Fire station	1%
Reader board on freeway	1%
At the senior center	1%
Internet	1%
Army depot/Army depot outreach came to house	*
Emergency test/drill	*
CSEPP office	*
Parents' home	*
Received radio	*
Landlord	*
Was in the military	*
The park	*
Bulletins on boards	*
Children's fun day activity	*
Flyer	*
News media (general)	*
Boardman marina park	*
Army publication	*
In Hermiston	*
Hermiston Energy	*
Chamber of commerce meeting	*
WalMart parking lot	*
Cinco de Mayo	*

\* Less than one-half of one percent.

Response	May 2002
Police	*
Post Office	*

27. How confident are you that the public will be notified quickly in case of a chemical emergency at the Umatilla Chemical Depot?

**Table 21: Responses to Question 27**

Response	May 2002
Very confident	38%
Somewhat confident	34%
Total "Confident" responses	72%
Not very confident	15%
Not confident at all	11%
Total "Not confident" responses	26%
Don't know	2%

28. Why do you say that?

29. In the event of a chemical emergency at the Depot, sirens will alert residents that an accident has occurred. Sirens make a different sound when they are being tested. Do you know the difference between the two siren sounds?

**Table 22: Responses to Question 29**

Response	May 2002
Yes	30%
No/Don't know	70%

30. Next, please tell me if you agree or disagree with the following statement:

\* Less than one-half of one percent.

“I personally would be willing to spend at least one hour a month learning about the Chemical Stockpile Emergency Preparedness Program and telling the local officials what I think I need to be prepared.”

**Table 23: Responses to Question 30**

Response	May 2002
Agree strongly	35%
Agree somewhat	28%
Total “Agree” responses	64%
Disagree somewhat	17%
Disagree strongly	16%
Total “Disagree” responses	33%
Don't know	4%

To conclude, I have a few questions for statistical purposes.

31. What is your approximate age, please?

**Table 24: Responses to Question 31**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
18-29	20%	15%	16%	19%	19%
30-34	7%	8%	7%	8%	9%
35-44	18%	17%	16%	20%	19%
45-54	22%	21%	25%	19%	19%
55-59	10%	7%	8%	7%	9%
60-64	6%	9%	7%	8%	7%
65+	17%	22%	20%	18%	18%
Don't know/ Refused	*	*	1%	1%	1%

32. Gender

**Table 25: Responses to Question 32**

<b>Response</b>	<b>May 2002</b>	<b>June 2001</b>	<b>Jan. 2001</b>	<b>Oct. 2000</b>	<b>June 2000</b>
Male	49%	49%	49%	49%	49%
Female	51%	51%	51%	51%	51%

33. What is your ethnic background?

**Table 26: Responses to Question 33**

<b>Response</b>	<b>May 2002</b>	<b>June 2001</b>	<b>Jan. 2001</b>	<b>Oct. 2000</b>	<b>June 2000</b>
White or Caucasian	86%	86%	87%	83%	83%
Black or African-American	*	N/A	N/A	N/A	N/A
Hispanic	9%	10%	8%	12%	11%
Asian	*	*	*	*	*
Native American or Indian	1%	N/A	N/A	N/A	N/A
Other	2%	3%	4%	4%	4%
Don't know/Refused	1%	1%	1%	1%	1%

\* Less than one-half of one percent.

34. How long have you lived in the vicinity of the Umatilla Chemical Depot?

**Table 27: Responses to Question 34<sup>12</sup>**

Response	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
5 years or less	21%	23%	19%	22%	21%
6–10 years	14%	13%	14%	13%	16%
11–15 years	9%	10%	9%	10%	11%
16–20 years	12%	9%	11%	10%	10%
More than 20 years	44%	45%	47%	45%	42%
Don't know/Refused	*	—	—	—	—

35. Do you have access to the Internet?

**Table 28: Responses to Question 35**

Response	May 2002
Yes	62%
No	38%

<sup>12</sup> Compared to previous survey, *Moore Information Umatilla Area Residents* Question 19, “How long have you lived in the area?”

\* Less than one-half of one percent.

36. City

**Table 29: Responses to Question 36**

City	May 2002
Boardman	9%
Echo	3%
Hermiston	58%
Paterson/Plymouth <sup>13</sup>	1%
Stanfield	6%
Umatilla	22%

Thanks for your time—we really appreciate it. May I give you two phone numbers to call in case you have more questions about the Depot or the Chemical Stockpile Emergency Preparedness Program? IF YES: Those numbers for Oregon questions, 877-367-2737, and for Washington questions, 800-841-7953.

Also, if you have Internet access, and are interested in information on the Internet, please go to [www.csepp.net](http://www.csepp.net).

Thanks again!

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<sup>13</sup> Four percent of raw sample, but weighted to population proportions in all analyses.