

# Umatilla Survey Tabulations

Collected February 6–10, 2006

*March 3, 2006*



**FEMA**



## **PREPARED FOR**

---

Mr. Steven Horwitz  
DHS/FEMA Headquarters  
500 C Street, SW  
Washington, DC 20472

## **PREPARED UNDER**

---

Contract: GS-10F-0178L  
P.O. Number: HSFEEM-05-A-0341  
Project Name: FEMA J011 0509  
Task: OBJ11PUBLI-TASK11-06 UMATSURVEY-000  
Description: 2006 Umatilla Survey

This document is for reference only. Readers should not construe this document as representing official FEMA policy or regulations.

This document was prepared for DHS/FEMA by IEM, Inc., 8555 United Plaza Blvd., Baton Rouge, LA 70809.

IEM/TEC06-024 03/03/06

This page intentionally left blank.

## INTRODUCTION

---

This document contains tabulations from the February 2006 survey of the Chemical Stockpile Emergency Preparedness Program (CSEPP) site in Umatilla, Oregon. This survey is part of a continuing effort to measure the effectiveness of the public outreach efforts in the emergency planning zones of the Umatilla Chemical Depot. This survey was designed to measure the specific knowledge of protective actions and the level of preparedness of residents in the unlikely event of a chemical emergency at the Umatilla Chemical Depot. Historical data is included for applicable questions and compared with the February 2006 results.

There were 866 residents sampled within the Umatilla emergency planning zones. Of the total sample, 829 of those residents were from the State of Oregon and 37 were from the State of Washington. This survey has a margin of error of  $\pm 3.4$  percentage points with a 95% confidence level, consistent with previous survey efforts. This means that we are 95% confident that the true proportions for these survey questions are within  $\pm 3.4$  percentage points of the reported proportions in this document.

IEM, Inc. (IEM) over-sampled residents in Washington in order to make valid statistical comparisons with the survey results. As a result, the raw data from the February 2006 survey was weighted by state so that the sample proportions for each state are consistent with the true population proportions. Therefore, the 37 completed surveys in Washington were weighted back to represent approximately 2% of the total sample. This is consistent with the fact that Washington residents are approximately 2% of the Umatilla emergency planning zone population according to 2000 U.S. Census data.

Verbatim responses from the open-ended questions in the survey were downloaded directly from the computer system of the data collection firm, CR Dynamics. IEM categorized and formatted the verbatim responses.

## KEY RESULTS

---

This section highlights the key survey results. All tabulated responses are provided in the Survey Tabulations section of this report.

### *Alert and Notification*

- 80% of residents are confident they would be notified quickly in case of a chemical emergency.
- The top responses for all residents regarding how they expect to be alerted of a chemical emergency are siren/loudspeaker (72%), tone alert radio (TAR; 64%), AM/FM radio (18%), and television (12%).

- Responses for siren/loudspeaker have statistically increased since the May 2004 survey (61%; an increase of 11 percentage points).
- 51% of the residents are familiar with the two sounds that the sirens make in situations when they are tested and when there is an actual emergency. This has not changed since the May 2004 survey (51%).
- The top responses regarding how residents expect to receive emergency instructions during a chemical emergency are TAR (50%) and AM/FM radio (40%).
  - Responses for TAR have statistically decreased since the May 2004 survey (59%; a decrease of 9 percentage points).

### ***Protective Actions***

- 87% of residents agree they know what to do if warned of a chemical emergency at the Umatilla Chemical Depot.
- 76% of residents agree they would be able to protect themselves and their family in case of a chemical emergency.
- When asked what action they would take in the event of a chemical emergency, the top answer was evacuate with 31% of all EPZ residents. This percentage has increased from 19% in May 2004 (an increase of 12 percentage points).
- 29% of the residents say they plan to shelter in place, the second most common response. It is interesting to note that shelter-in-place was the foremost response for this question from June 2000 to May 2004. The shelter-in-place response has statistically decreased since the May 2004 survey (48%; a decrease of 19 percentage points).

### ***Shelter in Place***

- 71% of the residents say they are confident they know to shelter in place in the event of a chemical emergency.
- The top responses to the actions EPZ residents intend to take when instructed to shelter in place is to close doors and windows (30%), go into the shelter room of their home or work place (30%), and seal the doors and windows of their shelter room (29%).
  - Fewer residents in February 2006 (29%) say they would seal the doors and windows of their shelter room if instructed to shelter in place compared to residents in May 2004 (59%; a decrease of 30 percentage points).
- Only 5% of residents say they would turn off their heating and air conditioning systems if instructed to shelter in place. This has dropped from 23% in May 2004 (a decrease of 18 percentage points).

- There has been a shift in residents' responses from listening for instructions to following instructions. Compared to residents in May 2004, fewer residents in February 2006 say they would take a radio or television into their shelter room (13% vs. 5%) and/or listen to a radio or television for further instructions (14% vs. 4%); however, more residents in February 2006 say they would follow instructions (1% vs. 8%).
- The top responses regarding how residents expect to be notified when it is safe to stop shelter in place are AM/FM radio (42%) and TAR (42%).

## **Evacuate**

- The top responses to what actions residents would take if instructed to evacuate is to leave home or work place (29%), and evacuate toward a pre-planned destination (25%).
  - The response for evacuate toward a pre-planned destination has statistically increased since the May 2004 survey (9%; an increase of 16 percentage points).
- 66% of residents have a pre-planned direction, route, and/or destination they would use in the event of an evacuation.
- Only 10% say they know which reception or assistance center they should go to in the event of an evacuation.
- The top responses regarding how residents expect to be notified when it is safe to return home after an evacuation are AM/FM radio (48%), television (28%), and tone alert radio (18%).

## **Emergency Plans**

- 49% of all residents say they have a family emergency plan.
- 50% of the residents say they have a shelter-in-place kit at their home, 6% say they have a shelter-in-place kit at their business, and 23% say they have one at their home and their business.

## **School Preparedness (K-12)**

- 34% of all EPZ residents have children in local schools in grades K-12.
- 46% of parents with children in non-overpressurized schools know the location where their children will be bussed to in case of a chemical emergency.
- 41% of parents say they are likely to get their children from school during a chemical emergency. 30% of the parents are very likely and 11% are somewhat likely to get them.

## Media Outlets

- When asked what newspapers they read the most, 45% of residents said they read the East Oregonian, 21% said they don't get or read the paper, and 19% said they read the Hermiston Herald.
- When asked what radio station they listen to the most, 16% of residents said they listen to 102.7 KORD Country, 15% said they don't listen to the radio, and 11% said they listen to 1360 KOHU.
- When asked what television station they watch the most, 19% of residents said they watch KNDU Channel 25 NBC (Tri Cities), 19% said they don't watch TV, and 12% said they watch KEPR Channel 3 or 19 CBS (Tri Cities).
- 71% of residents say they have Internet access.

# SURVEY TABULATIONS

## General Introduction

**S1. Hello, this is (FIRST AND LAST NAME) of CR Dynamics, working with your local CSEPP program. We are not selling anything. We are conducting a survey among people living near the Umatilla Chemical Depot. Do you have a few minutes to answer a few questions?**

**S2. IF YES: Are you 18 years of age or older?**

**S3. IF YES: Start Survey**

**IF NOT: Is there someone else I can talk to who is 18 years of age or older? IF UNAVAILABLE SCHEDULE CALLBACK AND TERMINATE.**

**Note: Percentages may not sum to 100%. This may be because of rounding and/or some questions accepted multiple responses.**

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

**Table 1: Responses to Question 1**

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Yes	95%	96%	95%	92%	96%
No	5%	4%	5%	8%	4%

## 2. How would you know if there were a chemical emergency at the Umatilla Chemical Depot?<sup>1</sup>

Table 2: Summarized Open-Ended Responses to Question 2

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Siren/Loudspeaker	72%	61%	71%	46%	40%
Tone alert radio	64%	68%	63%	49%	46%
AM/FM radio	18%	17%	15%	3%	3%
Television	12%	8%	8%	1%	1%
Highway Message Reader Boards	5%	2%	1%	---	---
Other	3%	3%	4%	2%	4%
Don't know	3%	3%	4%	3%	4%
Family/Friend	2%	2%	2%	<1%	<1%
Work	2%	<1%	2%	<1%	2%
Alarm/Alert system/Warning system	<1%	1%	---	---	---
Word of mouth	<1%	---	---	---	---
Pager/Scanner	<1%	<1%	---	---	---
Telephone call	<1%	<1%	---	---	---
People would leave	<1%	<1%	---	---	---
People/Animals would fall sick or die	<1%	1%	---	---	---
I would think it was another drill/test	---	<1%	---	---	---
Billboards on highway	---	1%	---	---	---
Would not know	---	<1%	---	---	---

*“Other” responses to question 2:*

- A big black cloud
- Calendar
- Can see igloo
- Crossing guards
- Dead
- Depends if he is working

<sup>1</sup> In May 2002, respondents were only allowed one response to this question. In October 2002, respondents were allowed up to three responses, and in June 2003, May 2004, and February 2006 respondents could give multiple responses with no limitations imposed.

- Do not have the tar radio
- Electricity is off the radio does not work
- Emergency kit
- If something smells funny
- Live on site of company they have a emergency plan available
- local contact
- Newspaper
- No time to evacuate
- Read the newspaper the next day
- School
- School teacher
- See it or smell it
- They would notify us
- Wait on instruction
- We have drills

**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.”<sup>2</sup>**

**Table 3: Responses to Question 3**

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Agree strongly	57%	56%	59%	53%	51%	47%	43%	45%	43%
Agree somewhat	30%	28%	26%	32%	31%	34%	35%	32%	30%
Total “agree” responses	87%	84%	85%	85%	82%	81%	78%	77%	73%
Disagree somewhat	7%	6%	5%	7%	7%	7%	9%	8%	10%
Disagree strongly	6%	6%	6%	7%	9%	8%	10%	10%	14%
Total “disagree” responses	13%	12%	11%	14%	16%	15%	19%	18%	24%
Don’t know	---	4%	4%	1%	3%	4%	3%	5%	3%

<sup>2</sup> In February 2006, the Umatilla site removed the “don’t know” category for this question. If respondents answered “don’t know,” they were asked to choose the category that most closely reflected their opinion.

4. What action would you take if you found out there was a chemical emergency at the Umatilla Chemical Depot? <sup>3,4</sup>

Table 4: Responses to Question 4

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Evacuate	31%	19%	16%	24%	25%	16%	15%	16%	20%
Shelter in place	29%	48%	48%	46%	29%	27%	28%	32%	26%
Depends	13%	8%	13%	3%	3%	---	---	---	---
Await instructions from officials	9%	7%	5%	15%	24%	36%	31%	35%	38%
Other	5%	1%	4%	1%	4%	3%	3%	2%	1%
Don't know	5%	7%	6%	7%	6%	11%	16%	11%	14%
Follow instructions	2%	1%	---	---	---	---	---	---	---
Contact family/friends	2%	1%	2%	2%	1%	<1%	1%	<1%	<1%
Listen to tone alert radio	1%	5%	---	---	---	---	---	---	---
Turn on or listen to AM/FM radio	1%	1%	---	---	---	---	---	---	---
Nothing	1%	1%	1%	2%	3%	5%	5%	2%	---
Check wind direction/Depends on the wind direction	1%	---	---	---	---	---	---	---	---
Go to work (Depot, hospital, fire department, police)	1%	1%	2%	<1%	4%	1%	2%	1%	---
Turn on/watch television	<1%	---	---	---	---	---	---	---	---
Go to school	<1%	---	---	---	---	---	---	---	---
Call authorities (Army, Police, or Fire)	<1%	---	---	---	---	---	---	---	---
Depends on where I am	---	1%	---	---	---	---	---	---	---

<sup>3</sup> Compared to the survey in June 2001, *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.

<sup>4</sup> Multiple responses were accepted for this question if the respondent gave more than one response in the other category. All the multiple responses were captured in the other category.

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Gather friends/family	---	1%	---	---	---	---	---	---	---
Kiss my ass goodbye	---	<1%	---	---	---	---	---	---	---

“Other” responses to question 4:

- Follow emergency plan
- Isolation
- Locate a place to stay
- Pray
- There is a problem with signs going out of town
- We have CSEPP decontamination kits sitting in the fire station

**5. If you were instructed to shelter in place, what actions would you take?** <sup>5,6</sup>

**Table 5: Summarized Open-Ended Responses to Question 5, Actions Taken to Shelter in Place**

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Close doors and windows	30%	33%	38%	41%	5%
Go into shelter room of home/workplace	30%	35%	35%	37%	19%
Seal doors and windows of shelter room	29%	59%	63%	69%	52%
Shelter in place	25%	18%	29%	---	1%
Use shelter-in-place kit	18%	14%	16%	4%	7%
Get food/water supply	14%	15%	19%	29%	4%
Close heating air conditioning vents	11%	17%	16%	10%	---
Get supplies (clothes, blankets, cell phone, books, candles, games, medication, flashlight)	11%	6%	5%	1%	<1%
Go/Stay inside	11%	12%	19%	1%	<1%
Evacuate	9%	6%	6%	4%	8%
Follow instructions/Do what told	8%	1%	1%	---	---
Don't know	7%	7%	6%	8%	11%

<sup>5</sup> Compared to the May 2002 survey questions 9 and 11, “If you were instructed to shelter-in-place, what actions would you take?” and question 6, “What actions would you take to shelter-in-place?” These questions have been aggregated since October 2002.

<sup>6</sup> Percentages may sum to greater than 100% due to multiple responses.

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Take radio or television into shelter room	5%	13%	14%	20%	3%
Turn off heating and air conditioning systems	5%	23%	14%	12%	<1%
Use emergency kit	5%	4%	7%	<1%	<1%
Listen to radio or television for further instructions	4%	14%	14%	18%	6%
Contact, find, or gather family	2%	3%	2%	<1%	1%
Emergency plan	2%	<1%	2%	<1%	---
Listen to tone alert radio	2%	1%	---	---	---
Depends	1%	1%	1%	<1%	<1%
Family emergency plan	1%	---	1%	<1%	---
Kneel/Pray	1%	1%	1%	1%	<1%
Locate/Collect pets	1%	3%	3%	5%	<1%
Nothing	1%	1%	1%	4%	2%
Other	1%	5%	4%	3%	1%
Become hysterical, panic, or die	<1%	1%	<1%	1%	<1%
Go to work (Depot, hospital, fire department, police)	<1%	<1%	2%	<1%	<1%
Would not shelter in place	<1%	<1%	1%	---	---
Do not use phone/Keep phone lines open	---	<1%	---	---	---
Get/Wear mask	---	<1%	---	---	---
Go to a shelter	---	---	<1%	---	---
Place towels at base of door	---	<1%	---	---	---

*“Other” responses to question 5:*

- Call neighbors
- Check direction of wind
- Do not have the shelter kit
- Feel the kit is a joke...can get better plastic
- Go outside
- Go to the basement
- Go to a school
- Live in a very drafty house; would not do any good

6. If you were instructed to evacuate, what actions would you take? <sup>7,8</sup>

Table 6: Summarized Open-Ended Responses to Question 6, Actions Taken to Evacuate

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Leave home or workplace, get out of town, get in car and go	32%	83%	79%	74%	38%
Evacuate toward a pre-planned destination	26%	9%	10%	---	---
Follow a pre-planned direction to evacuate	10%	7%	7%	---	---
Await instructions/Listen for help	7%	5%	4%	3%	2%
Follow a pre-planned route to evacuate	7%	7%	2%	---	---
Get personal items (clothes, food, water, gas)	7%	6%	7%	4%	7%
Don't know	6%	5%	7%	7%	18%
Follow instructions/Do what told	6%	11%	7%	3%	3%
Get kids/Go to school for kids	6%	5%	6%	6%	1%
Depends on wind direction/Will drive according to wind direction	5%	1%	---	---	---
Depends on the circumstances	3%	2%	3%	1%	1%
Locate/Collect pets	3%	4%	5%	7%	1%
Would not evacuate	3%	3%	3%	2%	2%
Check wind direction	2%	6%	12%	17%	9%
Wait for or contact family members before leaving	2%	4%	7%	7%	4%
Get/Check preparedness kit, packet, or pamphlet	1%	1%	2%	<1%	1%
Go to work (Depot, hospital, fire department, police)	1%	<1%	2%	<1%	1%

<sup>7</sup> Compared to the May 2002 survey questions 7 and 10, "If you were instructed to evacuate, what actions would you take and how would you know where to go?" and question 8, "What actions would you take to evacuate and how would you know where to go?" These questions have been aggregated since October 2002 and the second part of the question, "How would you know where to go?" has been excluded so that it was not a double-barreled question.

<sup>8</sup> Percentages may sum to greater than 100% because of multiple responses.

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Listen to television, radio, or tone alert radio for correct evacuation route	1%	5%	7%	24%	19%
Listen to television, radio, or tone alert radio for location of reception/assistance center	1%	2%	4%	5%	6%
Nothing	1%	---	1%	4%	1%
Other	1%	3%	4%	3%	1%
Tell neighbors and others to evacuate	1%	1%	3%	6%	---
Turn off heating/air conditioning systems	1%	1%	2%	2%	---
Turn on television, radio, tone alert radio, or emergency alert system (general)	1%	<1%	2%	<1%	---
Listen to television, radio, tone alert radio, or emergency alert system (general)	<1%	1%	3%	<1%	3%
Follow posted evacuation signs to evacuate	<1%	---	---	---	---
Gather family/friends	<1%	---	---	---	---
Contact family/friends	---	<1%	---	---	---
Lock house	---	<1%	---	---	---
Get/Check calendar	---	---	1%	<1%	1%

*“Other” responses to question 6:*

- Become militant
- Do what I want
- Handicap would need help
- If could not leave would seal self in room
- Shelter in place
- Take my guns along me with me.
- Take necessary precautions

7. In the event of an evacuation, do you have a pre-planned direction, route or destination? <sup>9,10</sup>

Table 7: Summary of Responses to Question 7

Response	Feb. 2006	May 2004	June 2003	Oct 2002
Yes, direction	57%	42%	32%	---
Yes, destination	48%	38%	29%	---
Yes, route	48%	27%	15%	---
Total "yes" responses <sup>11</sup>	66%	69%	47%	51%
No, none	25%	31%	53%	49%
Depends on the wind direction	11%	---	---	---
Other responses	1%	---	---	---

*"Other" responses for question 7:*

- Always been told to shelter in place live close to depot
- Better off staying at home
- Do not live in the area permanently
- Follow crossing guards
- Follow directions given
- Follow freeway signs
- Follow posted instructions
- Follow the best direction
- Go get my daughters
- Instructed to shelter in place in Umatilla
- Just get out of the area
- Radio will tell you where to go
- Rely on directions
- Would consult personnel

<sup>9</sup> This question was added in October 2002. In October 2002, only those residents who said they would leave in the event of an evacuation were asked this question. In the June 2003 and May 2004 surveys, all the respondents were asked this question. In addition, specific responses for "yes, direction," "yes, route," and "yes, destination" were added as responses to this question.

<sup>10</sup> Percentages may sum to greater than 100% due to multiple responses.

<sup>11</sup> This percentage refers to respondents who answered "yes" to pre-planned direction, route, and/or destination. This percentage will not sum to the individual "yes" responses because respondents were allowed to give multiple responses.

Table 8: Individual Responses to Question 7

Response	Feb. 2006	May 2004	June 2003
Yes, direction <sup>12</sup>	57%	42%	32%
East	25%	14%	12%
West	9%	8%	8%
North	9%	5%	5%
South	8%	8%	7%
Northeast	2%	<1%	1%
Northwest	1%	<1%	<1%
Southeast	1%	1%	1%
Southwest	1%	<1%	1%
Depends on wind	1%	4%	---
Depends	<1%	1%	---
Yes, route <sup>13,14</sup>	48%	27%	15%
I-84 Eastbound	9%	---	---
I-84, Westbound	4%	---	---
Total for I-84	13%	7%	6%
Highway 730, Eastbound	7%	---	---
Highway 730, Westbound	3%	---	---
Total for Highway 730	10%	2%	3%
Highway 395, Northbound	4%	---	---
Highway 395, Southbound	3%	---	---
Total for Highway 395	7%	3%	2%

<sup>12</sup> The summary of the individual pre-planned direction responses.

<sup>13</sup> The summary of the individual pre-planned route responses.

<sup>14</sup> In February 2006, the Umatilla site added specific routes and their directions to the questionnaire. Because of this change, the February results are summarized in order to make comparisons with the historical data.

Response	Feb. 2006	May 2004	June 2003
Highway 207, Northbound	3%	---	---
Highway 207, Southbound	3%	---	---
Total for Highway 207	6%	1%	1%
I-82, Northbound	3%	---	---
I-82, Southbound	1%	---	---
Total for I-82	4%	2%	<1%
Other route	3%	3%	2%
Highway 14	1%	<1%	---
Highway 30	1%	<1%	---
Highway 37	1%	---	---
Highway 221	1%	<1%	---
Local roads or back roads	<1%	5%	---
Feedville Road	<1%	---	---
Buttercreek Highway	<1%	2%	---
Depends on wind direction	<1%	1%	---
Yes, destination <sup>15</sup>	48%	38%	29%
Pendleton	8%	8%	8%
Walla Walla	7%	2%	2%
Other destination	5%	8%	---
To a family member's home	4%	2%	---
Heppner	3%	2%	4%
Portland	3%	4%	4%
Idaho/Boise, Idaho	3%	2%	1%
Arlington	2%	1%	<1%

<sup>15</sup> The summary of the individual pre-planned destination responses.

Response	Feb. 2006	May 2004	June 2003
Mountains/Higher ground	2%	2%	1%
Tri-Cities/Kennewick/Pasco/Richland	2%	2%	2%
Washington State	2%	2%	1%
Boardman	1%	<1%	---
La Grande	1%	1%	1%
Spokane	1%	<1%	---
The Dalles	1%	1%	1%
As far as possible	1%	---	---
Baker City	<1%	1%	<1%
Enterprise	<1%	<1%	---
Pilot Rock	<1%	1%	1%
Seattle	<1%	<1%	---
Canada	<1%	---	---
Stanfield	<1%	---	---
Depends on wind direction	<1%	1%	---
Total "yes" responses for Direction, Route, and/or Destination <sup>16</sup>	66%	69%	47%
Depends on wind direction	11%	---	---
No, none	25%	31%	53%

*"Other" responses for Route:*

- 105
- 154
- Alderdale Road
- Depends
- Depends where it would be more safe
- Freeway
- Go across the river
- Go up the river
- Have not lived in area that long
- Hepner Hwy.
- Highland Hills Rd.
- Highland toward Stanfield
- Highway 720

<sup>16</sup> This percentage refers to respondents who answered "yes" to pre-planned direction, route, and/or destination. This percentage will not sum to the individual "yes" responses because respondents were allowed to give multiple responses.

- Highway going to Walla Walla
- Interstate 80
- Old Plymouth Highway
- Out toward George Washington
- Plymouth Road
- Portland
- Pumpkin Center
- Road
- South and East Minnie Ha Ha
- Southbound
- Toward Prossor

*“Other” responses to Destination:*

- Akima
- Any place
- Arizona
- Bend, Oregon
- Bends
- Bigs Junction
- California
- Condon
- Depends on school
- Dufer
- Fort Washington
- Friend
- Friend’s house
- Goldendale
- Head to Utah
- Helix
- Home
- Ione
- Irrigon
- Maptown High School
- Meacham
- Monument
- New York
- Ontario, Oregon
- Oregon
- Pacific Ocean
- Prosser
- Prosser High School
- Ranch in Dircie. Ranch 150 miles east
- Salem
- Sunny Side
- Tillamook
- To Mexico
- Toward Plymouth
- Toward the hospital
- Try to get 55–70 miles away
- Uchiah
- Western Oregon
- Wild horse
- Yakima

**8. In the event of an evacuation, do you know which reception or assistance center you should go to?<sup>17</sup>**

**Table 9: Responses to Question 8**

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes	10%	15%	14%	15%	20%	26%	27%	25%	22%
No	90%	85%	86%	85%	80%	74%	73%	75%	78%

<sup>17</sup> Compared to the survey in June 2001, *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?”

9. How would you know it would be safe to stop sheltering in place?<sup>18,19</sup>

Table 10: Summarized Open-Ended Responses to Question 9

Response	Feb. 2006
AM/FM radio	42%
Tone alert radio	42%
Don't know	20%
Siren, loudspeaker, or all-clear signal	14%
Television	7%
Other	3%
Local emergency management agency	2%
Family/Relative	1%
Friend/Neighbor	1%
Work	1%
Telephone/Cellular phone	1%
CSEPP Office	<1%
Fire Department	<1%
Police	<1%
Would not shelter-in-place	<1%
Depends on wind direction	<1%
Someone would tell me	<1%
Sheriff's Department	---

*“Other” responses for question 9:*

- 48 hours
- Being informed
- Depending on instructions
- Direction of our safety committee
- Emergency alert system
- Figure it would be the best option

<sup>18</sup> Percentages may sum to greater than 100% due to multiple responses.

<sup>19</sup> In the June 2003 and May 2004 surveys, only Oregon residents were asked this question. In February 2006, the Umatilla site decided to ask this question of Washington state residents as well as Oregon residents. Because of this change, the historical results are not shown in Table 10. Oregon-only results with historical data are included in Table 11.

- Go door-to-door
- If he don't die
- Instinct
- Just wait until told
- Local Emergency Broadcast System
- Movement of people
- Own judgment
- Reader Board
- School
- School is located in front of house
- Wait for announcement
- Wait for instruction
- When I stepped outside
- Window
- Would have a gas mask
- Would leave
- Would not be safe, too close to it.

**Table 11: Summarized Responses to Question 9 for Oregon Residents**

Response	Feb. 2006 (n=829)	May 2004 (n=784)	June 2003 (n=792)
Tone alert radio	42%	49%	43%
AM/FM radio	42%	43%	46%
Don't know	20%	17%	19%
Siren, loudspeaker, or all-clear signal	14%	5%	3%
Television	7%	7%	7%
Other	3%	4%	8%
Local Emergency Management Agency	2%	2%	4%
Friend/Neighbor	1%	1%	1%
Family/Relative	1%	<1%	1%
Work	1%	<1%	<1%
Telephone/Cellular phone	1%	<1%	---
Someone would tell me	<1%	1%	1%
CSEPP Office	<1%	1%	1%
I would not shelter in place	<1%	1%	---
Police	<1%	1%	1%
Check/Depends on wind direction	<1%	1%	---
Fire Department	<1%	<1%	1%
I would not know	---	1%	---

Response	Feb. 2006 (n=829)	May 2004 (n=784)	June 2003 (n=792)
Alarm or alert	---	1%	---
Sheriff's Department	---	<1%	<1%
Radio (unspecified if AM/FM radio or TAR)	---	<1%	---
Internet/Computer	---	<1%	---

**10. How would you know it would be safe to return to your home after an evacuation?**<sup>20,21</sup>

**Table 12: Summarized Open-Ended Responses to Question 10**

Response	Feb. 2006
AM/FM radio	48%
Television	28%
Tone alert radio	18%
Don't know	16%
Local Emergency Management Agency	6%
Other	5%
Police	4%
CSEPP Office	3%
Family/Relative	2%
Fire Department	2%
Friend/Neighbor	2%
Make phone calls	2%
Sheriff's Department	1%
All clear signal/siren	1%
Would not come back	1%

<sup>20</sup> Percentages may sum to greater than 100% because of multiple responses.

<sup>21</sup> In the June 2003 and May 2004 surveys, only Washington state residents were asked this question. In February 2006, the Umatilla site decided to ask this question of Oregon state residents as well as Washington state residents. Because of this change, the historical results are not shown in Table 12. Washington only results with historical data are included in Table 13.

Response	Feb. 2006
Someone would tell me	1%
Work	<1%
Loudspeaker	<1%
Emergency Alert System/public broadcast system	<1%
Would not evacuate	<1%

*“Other” responses to question 10:*

- Alert from shelter
- Also go north to the tri city Washington
- Ask someone
- Ask someone
- Asking official
- Attempt to go home, unless stopped.
- Billboard
- By items used to be safe
- Chamber of Commerce
- Contacting my supervisor
- Depend on others to advise
- Don't know until you receive directions or the go ahead
- Figure out where to go and what resources are available
- Follow crowd
- Gates up
- Give them a week to make sure it is clear
- Government
- I would have to have a report
- If birds are still flying or wait for 24-hour period
- If there is nothing going on outside
- Internet
- Leave it up to the authorities
- Local authority
- Media
- News media and barricades
- Newspaper
- Notifications from officials at the Fire Department
- Response Center
- Schools or door-to-door
- Shelter would notify
- Suppose to give notice when to return to our homes
- The Army
- The reception center would tell you when it is safe to return
- Told at the evacuation center
- Wait a few hours
- Wait for anyone to tell
- Wait for notice—ok
- Wait until he heard it was safe to return
- Wait until told
- Whatever resources available
- When I see everyone else going home
- When the air clears
- When the roads reopen

**Table 13: Summarized Responses to Question 10 for Washington Residents**

<b>Response</b>	<b>Feb. 2006 (n=37)</b>	<b>May 2004 (n=30)</b>	<b>June 2003 (n=30)</b>
AM/FM radio	46%	50%	50%
Television	30%	20%	20%
Don't know	22%	13%	17%
Tone alert radio	19%	---	7%
Other	8%	17%	20%
CSEPP office	8%	10%	3%
Local Emergency Management Agency	5%	3%	<1%
Family/Relative	3%	---	3%
Friend/Neighbor	3%	---	3%
All clear signal/siren	3%	---	---
Someone would tell me	---	10%	---
Fire Department	---	3%	10%
Police	---	3%	<1%
Work	---	---	3%

**11. 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?** <sup>22,23</sup>

**Table 14: Summarized Open-Ended Responses to Question 11**

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Tone alert radio	50%	59%	49%	49%	29%	37%	33%	35%	20%
AM/FM radio	40%	41%	42%	50%	27%	38%	43%	37%	49%
Siren/Loudspeaker	18%	13%	16%	10%	2%	4%	3%	2%	2%
Television	15%	16%	18%	12%	4%	4%	3%	3%	3%
Don't know	11%	7%	9%	7%	10%	10%	11%	15%	20%
Package or kit on preparedness	5%	3%	4%	1%	4%	2%	2%	2%	1%
Emergency Alert System	4%	5%	9%	---	---	---	---	---	---
Other	3%	3%	5%	2%	5%	<1%	1%	<1%	<1%
Local Emergency Management Agency	2%	2%	2%	1%	2%	---	---	---	---
Billboard on the highway	1%	<1%	1%	<1%	---	---	---	---	---
Calendar	1%	1%	1%	1%	2%	<1%	<1%	<1%	1%
Call 911	1%	1%	2%	2%	1%	---	---	---	---
Family/Friends	1%	1%	2%	1%	1%	---	---	---	---
Fire Department	1%	2%	1%	3%	1%	---	---	---	---
Pamphlet	1%	1%	2%	<1%	3%	1%	1%	2%	1%
Police, local or State	1%	1%	2%	1%	<1%	---	---	---	---
Video	1%	1%	1%	<1%	1%	---	---	---	---

<sup>22</sup> In May 2002, the Umatilla site decided to use a slightly different wording for this question which read: "How would you get instructions on how to protect yourself and your family during a chemical emergency at the Umatilla Chemical Depot?" This wording was only used for the May 2002 survey and was changed back to the original wording in the October 2002 survey.

<sup>23</sup> Percentages may sum to greater than 100% due to multiple responses.

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Highway Message Reader Boards	1%	1%	1%	<1%	---	---	---	---	---
Work	1%	---	---	---	---	---	---	---	---
Already knows or has instructions	1%	---	---	---	---	---	---	---	---
City Hall	<1%	<1%	1%	<1%	<1%	---	---	---	---
CommunityCenter	<1%	<1%	<1%	<1%	1%	---	---	---	---
CSEPP Office	<1%	---	---	---	---	---	---	---	---
County Sheriff	<1%	<1%	<1%	<1%	---	---	---	---	---
High School	<1%	<1%	1%	<1%	---	---	---	---	---
Hospital	<1%	<1%	<1%	<1%	<1%	---	---	---	---
Newspaper	<1%	1%	1%	<1%	<1%	---	---	---	---
Internet	---	1%	---	---	---	---	---	---	---
Umatilla Chemical Depot	---	<1%	1%	1%	1%	---	---	---	---
Scanner	---	<1%	---	---	---	---	---	---	---
Telephone/Call numbers	---	<1%	---	---	---	---	---	---	---
No where	---	<1%	---	---	---	---	---	---	---

*“Other” responses to question 11:*

- 1(800) number
- Can't hear the warning signals
- Depends on the wind
- Depends on where you are
- Evacuate
- Get mother and get out
- Go in the house and wait for instructions
- It's too late at that point
- Listen to what they say and Follow instructions
- Media
- Need to get somewhere there is a protective shelter
- One should know through education
- Room designed for the emergency
- Shelter in place
- Shelter-in-place kit
- Shelter in place or evacuate
- Think it will be too late
- Took training class
- Won't hear it
- Word of mouth
- Would shelter in place

12. Do you or your family have an emergency plan?<sup>24</sup>

Table 15: Responses to Question 12

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes	49%	49%	49%	37%	48%	44%	44%	42%	37%
No/Don't know	51%	51%	51%	63%	52%	56%	56%	58%	63%

13. Does your home or business have a shelter-in-place kit?<sup>25</sup>

Table 16: Responses to Question 13

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes, home	50%	47%	52%	53%	51%	61%	64%	63%	56%
Yes, business	6%	7%	5%	5%	4%	2%	2%	2%	2%
Yes, both	23%	24%	20%	17%	24%	18%	18%	14%	14%
No, neither	22%	20%	22%	22%	17%	19%	15%	19%	25%
Don't know	---	3%	3%	3%	3%	1%	1%	1%	2%

<sup>24</sup> From October 2000 to October 2002, the question was worded: “Do you or your family have an emergency plan?” In the June 2001 survey, the question was worded: “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?” From May 2002 to May 2004, the question was worded: “In the event of a chemical emergency at the Umatilla Chemical Depot, do you or your family have an emergency plan?” In February 2006, it was changed back to the original wording: “Do you or your family have an emergency plan?”

<sup>25</sup> In February 2006, the Umatilla site removed the “don’t know” category for this question. If respondents answered “don’t know” they were asked to choose the category that most closely reflected their opinion.

**14. 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>26</sup>**

**Table 17: Responses to Question 14**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>	<b>Oct. 2002</b>	<b>May 2002</b>	<b>June 2001</b>	<b>Jan. 2001</b>	<b>Oct. 2000</b>	<b>June 2000</b>
Very confident	39%	37%	42%	32%	34%	37%	33%	34%	30%
Somewhat confident	32%	34%	30%	32%	33%	33%	35%	33%	33%
Total “confident” responses	71%	71%	72%	64%	67%	70%	68%	67%	63%
Not very confident	15%	13%	13%	18%	13%	14%	13%	15%	16%
Not confident at all	14%	13%	13%	16%	16%	14%	17%	16%	18%
Total “not confident” responses	29%	27%	26%	34%	30%	28%	30%	31%	34%
Don't know	---	3%	2%	2%	3%	2%	2%	3%	3%

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

**Table 18: Responses to Question 15**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>	<b>Oct. 2002</b>	<b>May 2002</b>	<b>June 2001</b>	<b>Jan. 2001</b>	<b>Oct. 2000</b>	<b>June 2000</b>
Yes	34%	31%	34%	33%	33%	28%	30%	34%	32%
No/Refused	66%	69%	66%	67%	67%	72%	70%	66%	68%

<sup>26</sup> In February 2006, the Umatilla site removed the “don’t know” category for this question. If respondents answered “don’t know” they were asked to choose the category that most closely reflected their opinion.

*Respondents with children in a local school answer question 16*

**16. What school(s) do they attend?<sup>27</sup>**

**Table 19: Responses to Question 16**

Response	Over-pressurized	Feb. 2006 (n=298)	May 2004 (n=251)	June 2003 (n=285)	Oct. 2002 (n=279)	May 2002 (n= 269)
A.C. Houghton Elementary School	Yes	7%	7%	7%	7%	5%
Armand Larive Middle School	Yes	7%	9%	6%	9%	10%
Clara Brownell Middle School	Yes	6%	3%	3%	1%	5%
Columbia Middle School	Yes	---	3%	4%	5%	6%
Desert View Elementary School	Yes	5%	6%	6%	4%	7%
Echo Elementary School	No	1%	2%	<1%	<1%	2%
Echo High School School	No	1%	1%	1%	<1%	2%
Hermiston Center Head Start / 4 <sup>th</sup> Street	Yes	1%	---	---	---	---
Hermiston Christian School	No	<1%	2%	1%	3%	2%
Hermiston High School	Yes	18%	21%	19%	23%	15%
Hermiston Junior Academy	Yes	3%	---	---	---	---
Hermiston Junior Academy	Yes	3%	1%	1%	4%	3%
Highland Hills Elementary School	Yes	3%	9%	10%	6%	7%
Irrigon Alternative School	Yes	1%	---	---	---	---
Irrigon Elementary School	Yes	3%	---	---	---	---
Irrigon Junior-Senior High School	Yes	4%	---	---	---	---
McNary Heights Elementary School	Yes	10%	6%	8%	4%	11%

<sup>27</sup> Percentages may sum to greater than 100% due to multiple responses.

<b>Response</b>	<b>Over- pressurized</b>	<b>Feb. 2006 (n=298)</b>	<b>May 2004 (n=251)</b>	<b>June 2003 (n=285)</b>	<b>Oct. 2002 (n=279)</b>	<b>May 2002 (n= 269)</b>
Migrant Head Start (also called Oregon Child Development Center)	Yes	1%	---	---	---	---
Paterson Elementary School	No	2%	1%	2%	1%	1%
Pine Tree Center Head Start	Yes	<1%	---	---	---	---
Riverside High School	No	---	7%	6%	7%	10%
Riverside Junior-Senior High School (also called Riverside Middle School)	No	3%	---	---	---	---
Rocky Heights Elementary School	Yes	5%	6%	5%	6%	6%
Sam Boardman Elementary School	No	3%	5%	5%	5%	6%
Sandstone Middle School	Yes	8%	11%	8%	10%	12%
Stanfield Elementary School	No	3%	3%	3%	3%	5%
Stanfield High School	No	1%	1%	2%	3%	2%
Stanfield Middle School	No	1%	<1%	1%	1%	1%
Sunset Elementary School	Yes	5%	6%	5%	9%	6%
Umatilla Head Start	Yes	<1%	---	---	---	---
Umatilla High School	Yes	6%	4%	5%	5%	5%
West Park Elementary School	Yes	6%	4%	5%	8%	5%
Windy River Elementary School	No	2%	---	---	---	---
Home schooled	N/A	<1%	1%	3%	<1%	2%
Other	N/A	6%	5%	8%	5%	7%
Don't know	N/A	1%	2%	---	2%	2%

*Respondents with children who attend a non-overpressurized school answer question 17.*

17. 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?

Table 20: Responses to Question 17

Response	Feb. 2006 (n=46)	May 2004 (n=49)	June 2003 (n=55)	Oct. 2002 (n=65)	May 2002 (n=79)	June 2001	Jan. 2001	Oct. 2000	June 2000
Yes	46%	54%	39%	31%	39%	20%	25%	26%	18%
No/Don't know	54%	46%	61%	69%	61%	80%	75%	74%	82%

*Respondents with children and responses to Q16 other than only “home school,” “don’t know” or “other” answer questions 18.*

18. 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?<sup>28</sup>

Table 21: Responses to Question 18

Response	Feb. 2006 (n=287)	May 2004 (n=228)	June 2003 (n=253)	Oct. 2002 (n=257)	May 2002 (n=245)	June 2001	Jan. 2001	Oct. 2000	June 2000
Very likely	30%	25%	31%	21%	28%	27%	35%	44%	41%
Somewhat likely	11%	8%	7%	13%	8%	14%	14%	10%	15%
Total “likely” responses	41%	33%	38%	34%	36%	41%	49%	54%	56%
Somewhat unlikely	13%	13%	11%	18%	18%	12%	13%	12%	11%
Very unlikely	43%	51%	48%	44%	40%	40%	31%	27%	29%
Total “unlikely” responses	56%	64%	59%	62%	58%	52%	44%	39%	40%
Don't know/Did not answer	3%	3%	3%	3%	6%	7%	8%	6%	4%

<sup>28</sup> In February 2006, the Umatilla site removed the “don’t know” category for this question. If respondents answered “don’t know” they were asked to choose the category that most closely reflected their opinion.

*All Respondents*

**19. How confident are you that the public will be notified quickly in case of a chemical emergency at the Umatilla Chemical Depot?<sup>29</sup>**

**Table 22: Responses to Question 19**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>	<b>Oct. 2002</b>	<b>May 2002</b>
Very confident	48%	48%	47%	38%	38%
Somewhat confident	33%	32%	31%	29%	34%
Total “confident” responses	80%	80%	78%	67%	72%
Not very confident	12%	12%	12%	17%	15%
Not confident at all	8%	7%	9%	11%	11%
Total “not confident” responses	20%	18%	21%	28%	26%
Don't know	---	2%	2%	4%	2%

**20. 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 23: Responses to Question 20**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>	<b>Oct. 2002</b>	<b>May 2002</b>
Yes	51%	51%	67%	48%	30%
No/Don't know	49%	49%	33%	52%	70%

<sup>29</sup> In February 2006, the Umatilla site removed the “don’t know” category for this question. If respondents answered “don’t know” they were asked to choose the category that most closely reflected their opinion.

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

**“I am able to protect myself and my family in the event of a chemical emergency.”<sup>30</sup>**

**Table 24: Responses to Question 21**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>
Agree strongly	39%	38%	42%
Agree somewhat	37%	35%	32%
Total “agree” responses	76%	73%	74%
Disagree somewhat	13%	12%	10%
Disagree strongly	11%	11%	12%
Total “disagree” responses	24%	23%	22%
Don’t know	---	4%	4%

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

**22. Which newspaper do you read the most?**

**Table 25: Responses to Question 22**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>
East Oregonian	45%	44%	46%
Don’t get or read the paper	21%	23%	20%
Hermiston Herald	19%	15%	16%
Tri City Herald	7%	9%	7%
Oregonian	4%	2%	3%
The Nickel	2%	3%	1%
Other	1%	2%	5%
Confederated Umatilla Journal (CUJ)	<1%	1%	1%

<sup>30</sup> In February 2006, the Umatilla site removed the “don’t know” category for this question. If respondents answered “don’t know” they were asked to choose the category that most closely reflected their opinion.

Response	Feb. 2006	May 2004	June 2003
North Morrow County Times	<1%	1%	<1%
Seattle Times	<1%	<1%	<1%
Wall Street Journal	<1%	<1%	<1%
La Connecion	<1%	---	---
Irrigon Irrigator	<1%	---	---
La Voz	---	---	---

*“Other” responses to question 22:*

- 4, Heppner Gazette
- All local papers
- Community paper
- Internet - MSN
- Local newspaper
- Online news
- Prosser
- Rock Lake Herald
- Spanish Newspaper
- USA Today
- Yield

### 23. Which radio station do you listen to the most?

Table 26: Responses to Question 23

Frequency	Call letters	Nickname/Description	Feb. 2006	May 2004	June 2003
102.7	KORD	KORD Country	16%	15%	15%
Don't listen to the radio			15%	13%	10%
1360	KOHU	1360	11%	10%	9%
97.1	KXRX	97 Rock	7%	5%	6%
98.3	KEYW	The Key	5%	7%	7%
Other			4%	6%	6%
106.5	KEGX	The Eagle	4%	3%	3%
99.1	KUJ	Power	3%	3%	4%
105.3	KONA	KONA FM	2%	5%	3%
100.5	KQFM		2%	3%	4%
94.9	KIOK	Thunder County	2%	3%	2%

Frequency	Call letters	Nickname/Description	Feb. 2006	May 2004	June 2003
95.7	KNLT	Cherry FM Oldies	2%	2%	3%
93.3	KWAY		2%	2%	1%
107.7	KUMA		2%	2%	2%
610	KONA	KONA AM	2%	1%	2%
89.1	OPB/KFAE		2%	1%	2%
91.9	KDNA	(Spanish)	2%	1%	<1%
101.7	KMNA/ KZXR	La Maquina Musical	1%	2%	2%
Hermiston station (general)			1%	1%	1%
107.3	KFFM		1%	2%	1%
90.9	OPB/KRBM		1%	1%	2%
103.5	KWHT		1%	1%	1%
1290	KUMA		1%	1%	<1%
870	KFLD		1%	1%	1%
92.5	KZHR		1%	1%	1%
97.9	KTHK	The Hawk	1%	1%	3%
94.5	KATS		1%	1%	<1%
1090	KLWJ	Christian	1%	1%	1%
96.3	KRCW	La Campesina	<1%	<1%	<1%
101.9	KZZM		<1%	<1%	<1%
	KNDU		<1%	---	---
100.9			<1%	---	---
91.3		Positive life	<1%	---	---
93.7		Gospel	<1%	---	---
	XM	Satellite radio	<1%	<1%	---
1240	KTIX		<1%	<1%	<1%

Frequency	Call letters	Nickname/Description	Feb. 2006	May 2004	June 2003
1330	KMBI		<1%	<1%	---
1340	KTCR	1340	<1%	---	---
97.5	KZLN		<1%	<1%	---
98.7	KUBQ	Oldies	<1%	<1%	---
Public Broadcasting/NPR			<1%	1%	---
Tri Cities station (general)			<1%	1%	2%
Local stations (general)			<1%	<1%	---
920	KXLY		---	<1%	<1%
1420	KUJ	1420	---	---	---

*“Other” responses to question 23:*

- 102.5
- 105.5
- 105.5 Mix
- 107.9
- 109 Yakima
- 1500
- 66
- 90.1
- 92.6
- 97.3
- 97.3 Christian
- 98.3 and 102.7
- A number of stations
- Bob FM
- Channel surf
- Christian station and 101.3
- Don't remember
- Hanks Place
- KLAD 102.5
- KLOVE
- KOA2
- KOIN
- KONI
- Look around
- Not sure of call letters
- Pendleton
- Talk Radio
- WNCI

## 24. Which television station do you watch the most?

Table 27: Responses to Question 24

Channel number	Call letters	Name/Description	Feb. 2006	May 2004	June 2003
Channel 25	KNDU	NBC (Tri Cities)	19%	19%	18%
Don't watch television			19%	10%	9%
Channel 3 or 19	KEPR	CBS (Tri Cities)	12%	11%	8%
Channel 11, 17, or 66	KBW	FOX	8%	7%	6%
Channel 2	KATU	ABC (Portland)	7%	6%	8%
Other			6%	4%	6%
Channel 42	KVEW/ KAPP	ABC (Tri Cities)	6%	6%	6%
Channel 8	KGW	NBC (Portland)	6%	5%	6%
Channel 6	KOIN	CBS (Portland)	5%	5%	4%
Channel 12	KP	Channel 12 Portland	2%	2%	2%
Satellite			2%	6%	---
Channel 9	OPB		1%	1%	1%
Channel 20 or 21	Univision	Spanish Language	1%	2%	---
Unknown	Azteca	Spanish Language	1%	---	---
Cable			1%	2%	---
CNN			1%	2%	---
Don't know			1%	<1%	3%
ESPN/Sport channels			1%	2%	---
All/Variety/Nothing in particular			1%	2%	---
TNT			1%	<1%	---
Discovery Channel			<1%	2%	---
Disney Channel			<1%	1%	---

Channel number	Call letters	Name/Description	Feb. 2006	May 2004	June 2003
		History Channel	<1%	1%	---
		TBS	<1%	1%	---
		USA	<1%	1%	---
		Cartoon Network/Cartoons	<1%	1%	---
		MTV	<1%	<1%	---
		Weather channel	<1%	<1%	---

*“Other” responses for question 24:*

- 1080
- 172 or 173
- 203
- 23
- 32
- 33
- 360
- 381
- 402
- 480
- 57
- 78
- A&E
- ABC
- ABC and others
- All basic
- All local channels
- Animal Planet
- BET
- Chanel 55 National Geographic
- Channel 23 - Spanish
- Channel 5
- Channel 70
- Channel 76
- Channel68
- Comedy central
- Court TV
- Don't watch any that much
- Don't watch much tv
- Encore Western
- KIMA
- KTNW
- Lifetime, Discovery and Animal Planet and fox network
- Local 72
- Local channels
- Mostly eastern stations
- News
- Nick
- Nickelodeon
- Northwest Cable News
- Northwest Cable News
- PBS
- Seabridge
- Spanish language channels and some English channels
- Spanish, not local
- The Cooking Channel
- The Oregon Public Broadcasting
- Very little

**25. What is your approximate age, please?**

**Table 28: Responses to Question 25**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>	<b>Oct. 2002</b>	<b>May 2002</b>	<b>June 2001</b>	<b>Jan. 2001</b>	<b>Oct. 2000</b>	<b>June 2000</b>
18–29	12%	17%	19%	17%	20%	15%	16%	19%	19%
30–34	10%	9%	9%	8%	7%	8%	7%	8%	9%
35–44	17%	18%	18%	19%	18%	17%	16%	20%	19%
45–54	22%	22%	23%	20%	22%	21%	25%	19%	19%
55–59	13%	10%	10%	9%	10%	7%	8%	7%	9%
60–64	8%	8%	7%	7%	6%	9%	7%	8%	7%
65+	19%	16%	14%	18%	17%	22%	20%	18%	18%
Don't know/Refused	---	<1%	<1%	1%	<1%	<1%	1%	1%	1%

**26. Gender**

**Table 29: Responses to Question 26**

<b>Response</b>	<b>Feb. 2006</b>	<b>May 2004</b>	<b>June 2003</b>	<b>Oct. 2002</b>	<b>May 2002</b>	<b>June 2001</b>	<b>Jan. 2001</b>	<b>Oct. 2000</b>	<b>June 2000</b>
Male	43%	39%	41%	40%	49%	49%	49%	49%	49%
Female	57%	61%	59%	60%	51%	51%	51%	51%	51%

**27. Are you of Hispanic or Latino origin?<sup>31</sup>**

**Table 30: Responses to Question 27**

<b>Response</b>	<b>Feb. 2006</b>
Yes	14%
No	86%
Refused	<1%

<sup>31</sup> The Umatilla site added this question in February 2006 in order to be compliant with the Office of Management and Budget's (OMB) guidelines.

27b. What is your race? Please select one or more. Are you...<sup>32</sup>

Table 31: Responses to Question 27b

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
Caucasian	82%	80%	81%	81%	86%	86%	87%	83%	83%
Hispanic	14%	12%	11%	13%	9%	10%	8%	12%	11%
Native American	2%	2%	3%	1%	1%	---	---	---	---
African-American	1%	---	1%	1%	<1%	---	---	---	---
Asian	<1%	1%	1%	<1%	<1%	<1%	<1%	<1%	<1%
Native Hawaiian or other Pacific Islander	<1%	---	---	---	---	---	---	---	---
Other	1%	4%	1%	2%	2%	3%	4%	4%	4%
Don't know/Refused	2%	1%	2%	2%	1%	1%	1%	1%	1%

*“Other” responses to question 27b:*

- American
- Mexican
- French and Indian

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

Table 32: Responses to Question 28

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002	June 2001	Jan. 2001	Oct. 2000	June 2000
5 years or less	17%	18%	24%	23%	21%	23%	19%	22%	21%
6–10 years	16%	17%	15%	13%	14%	13%	14%	13%	16%
11–15 years	11%	11%	11%	9%	9%	10%	9%	10%	11%
16–20 years	10%	10%	8%	9%	12%	9%	11%	10%	10%
More than 20 years	46%	44%	42%	45%	44%	45%	47%	45%	42%
Don't know/Refused	<1%	---	<1%	<1%	<1%	---	---	---	---

<sup>32</sup> The Umatilla site modified the wording of this question in August 2005 in order to be compliant with OMB guidelines. In previous surveys, this question read: “What is your ethnic background?”

**29. Do you have access to the Internet?**

**Table 33: Responses to Question 29**

Response	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Yes	71%	68%	67%	61%	62%
No	29%	32%	33%	39%	38%

**30. Which of the following cities do you live in or closest to?<sup>33</sup>**

**Table 34: Responses to Question 30**

City	Feb. 2006	May 2004	June 2003	Oct. 2002	May 2002
Hermiston	63%	60%	62%	62%	58%
Umatilla	14%	11%	12%	12%	22%
Irrigon	9%	9%	10%	10%	---
Boardman	6%	9%	8%	8%	9%
Stanfield	4%	6%	6%	6%	6%
Echo	2%	4%	2%	2%	3%
Paterson/Plymouth <sup>34</sup>	2%	2%	1%	1%	1%

***Ending***

Thanks for your time. We really appreciate it. May I give you a phone number to call in case you have more questions about the Depot or the Chemical Stockpile Emergency Preparedness Program?

***IF YES:***

**Oregon only**

The number for Oregon questions is (877) 367-2737.

**Washington only**

The number for Washington questions is (800) 841-7953.

<sup>33</sup> Previous to the May 2004 survey, city data was derived from the sample and was not asked of the respondents.

<sup>34</sup> The raw data was weighted to reflect the true state population proportions in all of the proportions in this report. Washington is actually 4% of the sample, but it has been weighted down to its population proportion of 2%.

**Internet access only**

If you are interested in information on the Internet, please go to [www.csepp.net](http://www.csepp.net).

***All Respondents***

Thanks again!

---

**POINTS OF CONTACT**

---

The primary IEM point of contact for this project is Melaney Slater. She may be reached at:

IEM  
515 South 700 East, Suite 2D  
Salt Lake City, UT 84102  
(801) 521-8191  
[melaney.slater@ieminc.com](mailto:melaney.slater@ieminc.com)

The alternate points of contact are:

Mark Shull  
IEM  
35 Kensington Parkway  
Abingdon, MD 21009  
(410) 569-9550  
(410) 569-9553 (fax)  
[mark.shull@ieminc.com](mailto:mark.shull@ieminc.com)