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**ENVIRONMENTAL  
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**Surface Debris Inventory at  
White Wing Scrap Yard,  
Oak Ridge Reservation,  
Oak Ridge, Tennessee**

**R. E. Rodriguez  
P. F. Tiner  
J. K. Williams**

**MANAGED BY  
MARTIN MARIETTA ENERGY SYSTEMS, INC.  
FOR THE UNITED STATES  
DEPARTMENT OF ENERGY**

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Environmental Restoration Division  
ORNL Environmental Restoration Program

**Surface Debris Inventory at White Wing Scrap Yard,  
Oak Ridge Reservation, Oak Ridge, Tennessee**

**R. E. Rodriguez  
P. F. Tiner  
J. K. Williams**

**Date Issued—August 1992**

**Prepared by  
Health and Safety Research Division  
Oak Ridge National Laboratory**

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MARTIN MARIETTA ENERGY SYSTEMS, INC.  
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## EXECUTIVE SUMMARY

An inventory of surface debris in designated grid blocks at the White Wing Scrap Yard [Waste Area Grouping 11 (WAG 11)] was conducted intermittently from February through June 1992 by members of the Measurement Applications and Development Group, Health and Safety Research Division, Oak Ridge National Laboratory (ORNL) at the request of ORNL Environmental Restoration (ER) Program personnel. The White Wing Scrap Yard is an estimated 30-acre, predominantly wooded area located on the western edge of East Fork Ridge in the McNew Hollow area on the U.S. Department of Energy's Oak Ridge Reservation. The scrap yard was formerly used for aboveground storage of contaminated material (e.g., steel tanks, metal, glass, concrete, and miscellaneous industrial trash) from the Oak Ridge K-25 Site, Oak Ridge Y-12 Plant, and ORNL. Currently, most of the area is overgrown with weeds, trees, and other types of vegetation.

The objectives of this project are outlined in the following four phases: (1) estimate the amount (volume) and type (e.g., glass, metal, and plastics) of surface waste material in 30 designated grid blocks (100- by 100-ft grids); (2) conduct limited air sampling for organic chemical pollutants at selected locations (e.g., near drums, in holes, or other potentially contaminated areas); (3) conduct a walkover gamma radiation scan extending outward (approximately 50 ft) beyond the proposed location of the WAG 11 perimeter fence; and (4) recommend one grid block as a waste staging area. This recommendation is based on location and accessibility for debris staging/transport activities and on low levels of gamma radiation in the grid block.

The results of the survey objectives follow.

- The estimated total volume of surface debris in 30 designated grid blocks is 3100 ft<sup>3</sup>. Most of the material consists of small pieces of metal, plastic, glass, dilapidated respirator cartridges, shoe soles, etc. Small, localized areas of debris were found throughout most of the designated grid blocks.
- No volatile organic chemicals, gases, or vapors were detected with the HNU photoionization detector at selected locations.
- In general, gamma exposure rate measurements indicated no levels above typical background values except in a surface drainage ditch at the west end of the site. Surface gamma exposure rate levels generally ranged from 8 to 11  $\mu\text{R}/\text{h}$ . At the drainage ditch, surface gamma levels of up to 29  $\mu\text{R}/\text{h}$  were found. Survey results are in agreement with values reported in ORNL/ER-52. It should be noted that some areas along the WAG 11 perimeter were inaccessible for survey activities due to dense vegetation. In addition, no subsurface investigation was conducted; therefore, subsurface contamination, if present, cannot be verified until samples are collected and analysis performed.



- On the basis of location for accessible transport of debris and low levels of gamma exposure rates, grid block 62 is recommended as the waste/debris staging area. In this grid block, gamma exposure rate measurements taken 1 m above the ground surface averaged 10  $\mu$ R/h.

The results of this survey will be considered in the appraisal of surface debris cleanup strategies for the Wag 11 Interim Record of Decision.

# 1. INTRODUCTION

An inventory of surface debris in designated grid blocks at the White Wing Scrap Yard [Waste Area Grouping 11 (WAG 11)] was conducted intermittently from February through June 1992 by members of the Measurement Applications and Development Group, Health and Safety Research Division, Oak Ridge National Laboratory (ORNL) at the request of ORNL Environmental Restoration (ER) Program personnel. The results of this survey will be considered in the appraisal of surface debris cleanup strategies for the WAG 11 Interim Record of Decision (IROD). Figure 1 shows the location of WAG 11 in relation to the other 19 WAGs.

The White Wing Scrap Yard is an estimated 30-acre, predominately wooded area located on the western edge of East Fork Ridge in the McNew Hollow area on the U.S. Department of Energy's Oak Ridge Reservation. The scrap yard was formerly used for aboveground storage of contaminated material (e.g., steel tanks, metal, glass, concrete, and miscellaneous industrial trash) from the Oak Ridge K-25 Site, Oak Ridge Y-12 Plant, and ORNL. Currently, most of the area is overgrown with weeds, trees, and other types of vegetation. Photographs of the site are shown in Figs. 2 and 3.

The objectives of this project are outlined in the following four phases:

- Phase I: Estimate the amount (volume) and type (e.g., glass, metal, and plastics) of surface waste material in 30 designated grid blocks (100- by 100-ft grids).
- Phase II: Conduct limited air sampling for organic chemical pollutants at selected locations (e.g., near drums, in holes, or other potentially contaminated areas).
- Phase III: Conduct a walkover gamma radiation scan extending outward (approximately 50 ft) beyond the proposed location of the WAG 11 perimeter fence.
- Phase IV: Recommend one grid block as a waste staging area. This recommendation is based on location and accessibility for debris staging/transport activities and on low levels of gamma radiation in the grid block.

As noted in our work proposal of February 10, 1992, no invasive sampling measurements were made and no environmental samples (e.g., soil and water) were taken. Additionally, no assessment was made in characterizing hazardous constituents associated with debris materials (i.e., radioactively contaminated waste only and mixed waste). It should be noted that the 30 grid blocks surveyed for this task were randomly selected by the Radian Corporation, Oak Ridge, Tennessee, and approved by ORNL Environmental Restoration personnel. Figure 4 provides a site diagram in which surveyed blocks are identified by shading.

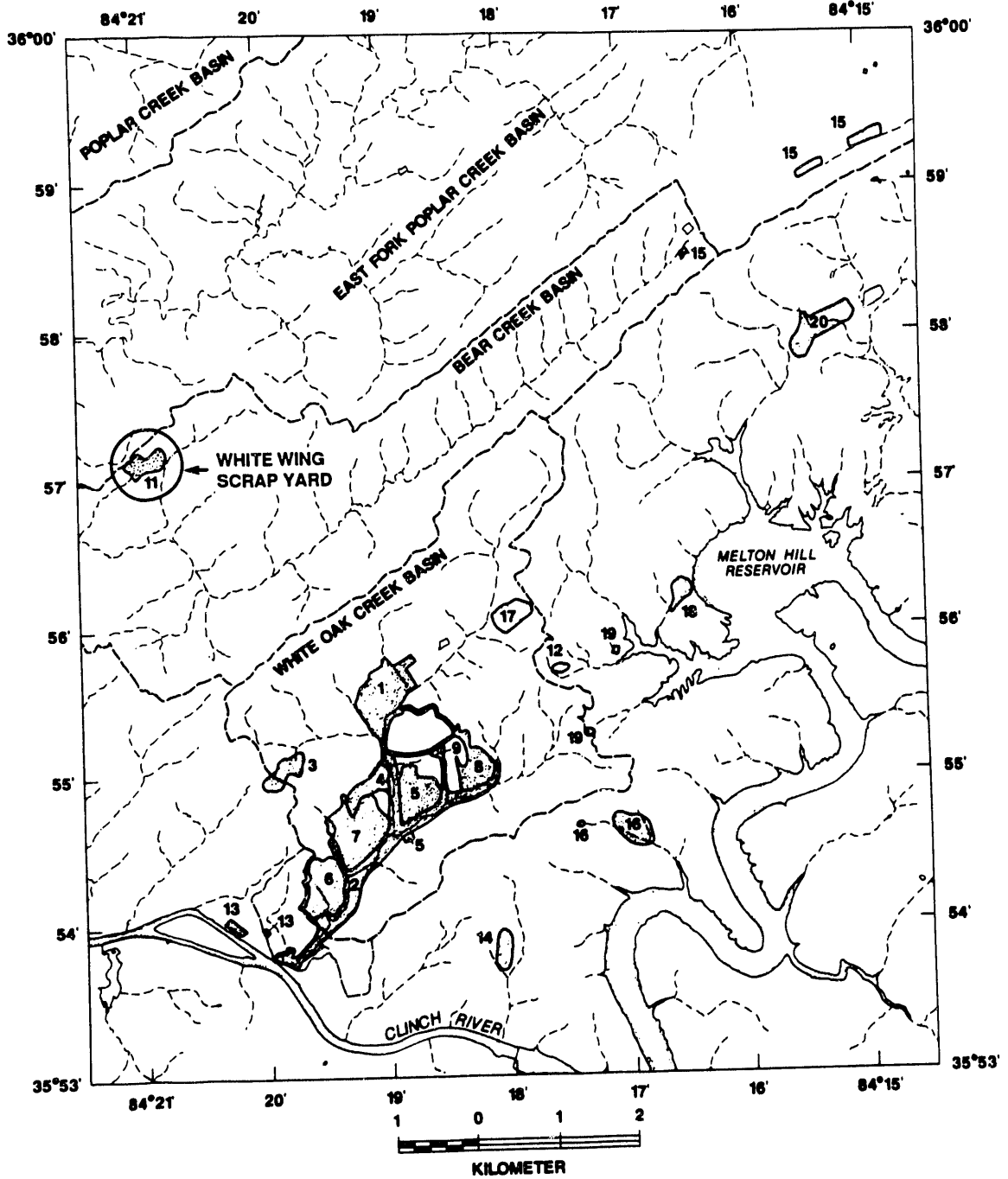


Fig. 1. Locations of the 20 waste area groupings (WAGs).

ORNL-PHOTO 396-90



Fig. 2. View of surface debris, including dilapidated respirator cartridges, at the White Wing Scrap Yard site (January 1990).

ORNL-PHOTO 395-90



Fig. 3. View of surface debris found north of Hot Yard Road at the White Wing Scrap Yard site (January 1990).

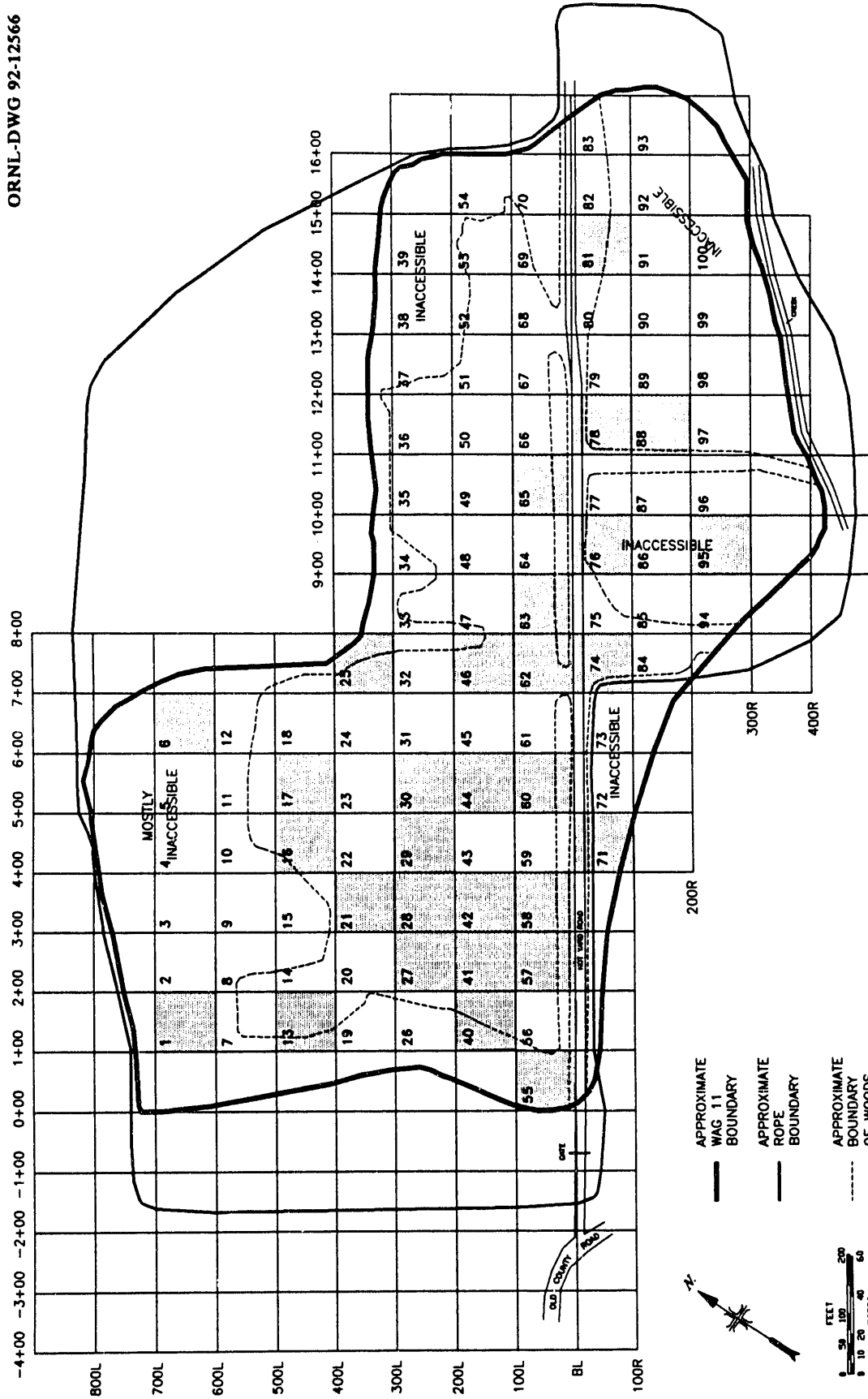


Fig 4. Diagram showing grid block locations at the White Wind Sloop Yard site. Shading designates specific grid blocks surveyed.

## 2. PHASE I

Phase I consisted of a walkover visual inventory of debris material. However, this phase first required the reestablishment of the site grid. Details of the grid system are outlined in ORNL/ER-52, *Surface Radiological Investigations at White Wing Scrap Yard, Oak Ridge Reservation, Oak Ridge, Tennessee*. Surface debris data for 30 grid blocks were recorded on survey forms (see Appendix). These forms outline the type of debris material, the estimated volume of each type of debris, and total volume (cubic feet) per grid block. Each data sheet represents one grid block. In grid blocks that had high volumes of debris, several data sheets were required.

Dimensions of surface debris were estimated by visual observations in the field. The following formulas were used in calculating the volume of debris.

$$\text{Sphere: } V = \frac{4}{3} \pi r^3$$

$$\text{Cylinder: } V = \pi r^2 h$$

$$\text{Rectangular solid or container: } V = \text{length} \times \text{width} \times \text{height (depth or thickness)}$$

**Results:** The estimated total volume of surface debris in 30 designated grid blocks is 3100 ft<sup>3</sup>. Most of the material consists of small pieces of metal, plastic, glass, dilapidated respirator cartridges, shoe soles, etc. Small, localized areas of debris were found throughout most of the designated grid blocks. It must be emphasized that dense overgrowth limited access in most grid blocks, and, in some regions, visual contact with the ground surface was totally obstructed by understory vegetation such as shrubs, weeds, and vines.

Note that some grid blocks not included in this survey contain large amounts of debris. For example, in grid block 61 (6+44, 20L), a large, oblong concrete structure is positioned immediately north of and adjacent to Hot Yard Road (see Fig. 5). Based on visual observations of this structure, we estimate its total volume to be approximately 500 ft<sup>3</sup>. This amount of material would increase our total debris volume of 3100 ft<sup>3</sup> by 16%. Conversely, if grid block 60 (containing ~1700 ft<sup>3</sup> of debris) were excluded from this survey, the total debris volume would decrease by 55%.

ORNL-PHOTO 1566-90



Fig. 5. View of large concrete structure north of Hot Yard Road (January 1990).



### 3. PHASE II

Phase II consisted of limited air sampling for organic vapors at locations suspected to be potential organic chemical sources.

**Results:** No volatile organic chemicals, gases, or vapors were detected with the HNU photoionization detector (the HNU has an operating range of 0 to 2000 ppm and detects a minimum concentration of 0.2 ppm). Measurements were taken at four locations: (1) grid block 61 (6+14, 100L)—a small (approximately 1-m<sup>2</sup>) area of surface subsidence (approximately 5 ft in depth) that revealed portions of several buried 55-gal metal drums (no detectable “down-hole” organic vapors were measured with the HNU); (2) grid block 17 (5+00, 430L)—an area barren of vegetation; (3) grid block 1 (1+00, 700L)—an area barren of vegetation; and (4) grid block 11+00, 400R—in and around several 55-gal metal drums along the creek bank.

#### 4. PHASE III

Phase III consisted of a walkover gamma scan extending approximately 50 ft outward from the WAG 11 perimeter.

**Results:** In general, gamma exposure rate measurements indicated no levels above typical background values except in a surface drainage ditch at the west end of the site. Surface gamma exposure rate levels generally ranged from 8 to 11  $\mu\text{R/h}$ . At the drainage ditch, surface gamma levels of up to 29  $\mu\text{R/h}$  were found. Survey results are in agreement with values reported in ORNL/ER-52. It should be noted that some areas along the WAG 11 perimeter were inaccessible for survey activities due to dense vegetation. In addition, no subsurface investigation was conducted; therefore, subsurface contamination, if present, cannot be verified until samples are collected and analysis performed.

## 5. PHASE IV

Phase IV consisted of recommending one grid block as a waste/debris staging area.

**Results:** On the basis of location for accessible transport of debris and levels of gamma exposure rates, we recommend grid block 62 as the waste/debris staging area. In this grid block, gamma exposure rate measurements taken at 1 m above the ground surface averaged 10  $\mu\text{R/h}$ . For comparison purposes, 1-m gamma exposure rate measurements taken at 56 grid point locations throughout the White Wing Scrap Yard site averaged 17  $\mu\text{R/h}$  (see Table 4.2 in ORNL/ER-52).

## 6. CONCLUSION

The estimated volume of surface debris should be considered an approximation at best. Because of dense vegetation in most of the grid blocks surveyed, a significant amount of debris is not visible and, therefore, was not recorded. Additionally, before any segregation of debris during cleanup activities, each item should be carefully monitored for radioactivity. We hope this information will be useful in implementing the WAG 11 IROD and eventual site cleanup efforts.

## 7. REFERENCE

Williams, J. K., et al. 1991. *Surface Radiological Investigations at White Wing Scrap Yard, Oak Ridge Reservation, Oak Ridge, Tennessee*, ORNL/ER-52, Martin Marietta Energy Systems, Inc., Oak Ridge Natl. Lab., Oak Ridge, Tennessee.

**Appendix**

**WHITE WING SCRAP YARD (WWSY)  
SURFACE DEBRIS SURVEY FORMS**

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/12/92			Surveyors: R. C. Gosslee, V. P. Patania			Grid Block ID: 1			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>						
Small Scattered Debris in Localized Area	Percent <sup>b</sup>										
Wood	40										
Metal	40										
Glass	10										
Rubber/tire	10										
Average Thickness <sup>a</sup>		Area Width <sup>a</sup>		Average Thickness <sup>a</sup>		Area Length <sup>a</sup>		Volume (ft <sup>3</sup> ) <sup>b</sup>		Volume (ft <sup>3</sup> ) <sup>b</sup>	
		80% of total area of block. Large defoliated area.			1"			50		333	
Asbestos (suspected)		Comments: Block mostly clear of undergrowth, large defoliated region sprinkled with debris found in block.									
		Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>								333	

UCN-19856 (3-9-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.





White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 5/19/92	Surveyors: M. E. Murray, V. P. Patania		Grid Block ID: 6		
Item / Material	Length <sup>a</sup>	Width	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Rusted sheet metal; pine needle cover will not allow diam estimate	c	c	c	c	c	
Iron pipe—length indeterminate due to pine needle cover	d	0.5" diam	1/16" wall thick	pipe	c	
Solid threaded metal cylinder	3"	6" diam	d	solid cylinder	0.049	
Metal gauge	c	2" diam	d	c	c	
Metal pipe "U" shaped with supporting plate	3	2" diam	d	pipe	0.033	
Metal pipe	12	0.5" diam	d	pipe	0.008	
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>a</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>					See page 3	
Asbestos (suspected)	Comments: See page 3					

UCM-18558 (3-9-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup>Not determined.  
<sup>d</sup>Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 5/19/92	Surveyors: <u>M. E. Murray, V. P. Patania</u>					Grid Block ID: <u>6</u>
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Graphite chunk (roughly rectangular)	5'	4"	1.5"	100	0.174		
Respirator filter/some broken plate glass	c	c	c	c	c		
Duct tape roll	4" diam	d	1"	50	0.004		
Coupling material	2"	2"	c	pipe	c		
Metal pipe (10 ft length visible in mound)*	10	1" diam	d	pipe	0.164		
<b>Small Scattered Debris in Localized Area Type of Material</b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>		
*Glass	8	6	1	70	33.6		
*Metal	33						
*Ceramic porcelain (varied mound)	33						
					<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	<b>34</b>	
<b>Asbestos (suspected)</b>	<b>Comments: <u>May be far more material in block, obscured by thick undergrowth.</u></b>						

UCN-18855 (3-9-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.



**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

<b>WWSY Surface Debris Survey</b>		<b>Date:</b> 5/12/92	<b>Surveyors:</b> V. P. Patania, R. E. Rodriguez		<b>Grid Block ID:</b> 16			
<b>Item / Material</b>	<b>Length<sup>a</sup></b>	<b>Width<sup>a</sup></b>	<b>Height<sup>a</sup></b>	<b>% Solid<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>			
Full face mask with respirator cartridges	10'	6"	3'	100	0.12			
Apparent asbestos cloth	1.5 diam	c	d	100	0.009			
Various graphite chunks of various sizes	4	8"	2" thick	100	0.445			
Stainless steel piping (partially buried)	4	2.5" diam	d	pipe	0.055			
Steel pipe (partially buried)	4	3.0" diam	d	pipe	0.066			
5-gal metal bucket (partially corroded, semi-crushed)	11" diam	d	4'	100	0.25			
Concrete chunk (partially buried)	18"	8"	4'	100	0.33			
<b>Small Scattered Debris in Localized Area</b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>			
<b>Type of Material</b>	<b>Percent<sup>b</sup></b>							
Graphite	30							
Asbestos	20	5	2'	85	3.54			
Metal	40							
Teflon rings	10							
<b>Asbestos (suspected)</b>	<b>Yes</b>	<b>Comments:</b>					<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	<b>See Page 2</b>

UCN-1-8855 (3-8-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

<b>WWSY Surface Debris Survey</b>	<b>Date: 5/12/92</b>	<b>Surveyors: V. P. Patania, R. E. Rodriguez</b>			<b>Grid Block ID: 16</b>
<b>Item / Material</b>	<b>Length<sup>a</sup></b>	<b>Width<sup>a</sup></b>	<b>Height<sup>a</sup></b>	<b>%Solid<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>
Steel cap	1.25 diam	d	8"	5	0.003
Concrete chunk	6"	6"	6"	100	0.125
Concrete chunk	8"	4"	4"	100	0.074
Steel pipe--3 pieces (total)	7	1" diam	d	pipe	0.010
Concrete chunk	8"	6"	4"	100	0.111
Copper tube	4	1" diam	d	pipe	0.055
<b>Small Scattered Debris in Localized Area</b>					
<b>Type of Material</b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>
				<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	<b>5.19</b>
<b>Asbestos (suspected)</b>					
<b>Comments:</b> _____					

UCH-10689 (3-9-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup>Not determined.  
<sup>d</sup>Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 5/12/92	Surveyors: V. P. Patania, R. E. Rodriguez	Grid Block ID: 17			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Pressboard material	3	1	1.4" thick	100	0.062	
Lucite chunk (apparent)	2"	1"	0.5" thick	100	1.0	
Teflon ring (annular)	1	1.5"	1/8" thick	100	0.001	
Rubber tubing	4"	2.5" flattened	1/3" thick	100	0.002	
Flattened metal respirator cartridge	5" diam	d	1/8" thick	80	0.001	
Rubber tubing	4"	2.5" flattened	1/3" thick	100	0.002	
Half of toilet lid	1.25	4"	1.25" thick	70	0.030	
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>				See page 2		
Asbestos (suspected)	Comments: Mostly free of clutter					

UCH-18658 (3-8-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>7</sup> Not determined.  
<sup>8</sup> Not applicable.



**White Wing Scrap Yard (WWSY) Surface Debris Form**

WWSY Surface Debris Survey	Date: 6/2/92	Surveyors: <u>R. C. Gosslee, V. P. Patania</u> <u>D. E. Rice</u>					Grid Block ID: 21
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>d</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Respirator cartridge	3" diam	2" thick	d	100	0.008		
Metal fitting	c	c	c	c	c		
Sharp edged stainless steel sheet metal (partially buried)	6"	10"	1/4"	80	0.007		
Teflon O-ring (partially buried)	3"	4"	1/4"	80	0.001		
Twisted piece of sheet metal	2.5	2.5"	1/16" thick	100	0.003		
Long piece of metal (partially buried)	8	0.25"	0.25"	100	0.003		
<b>Small Scattered Debris in Localized Area</b>							
Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>d</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Teflon	9	12	1"	10	0.9		
Rubber							
Plastic							
				Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>		See page 3	
Asbestos (suspected)	Comments: <u>A great deal of small scattered debris throughout block, unable to identify or quantify due to ground cover.</u>						

UCN-16856 (3 e-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/2/92	Surveyors: R. C. Gosslee, V. P. Patania D. E. Rice			Grid Block ID: 21	
Item / Material	Length <sup>f</sup>	Width <sup>f</sup>	Height <sup>f</sup>	% Solid <sup>g</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Threaded iron rod	8	0.75"	0.75" thick	100	0.031		
Angle Iron	4	2.5"	0.25"	100	0.017		
Metal Trough	4.5	2.0"	2.5"	100	0.156		
Respirator Cartridge	3" diam	d	2" thick	100	0.008		
Metal (same as item six page 1 of 3)	8	0.25"	0.25"	100	0.003		
Rubber sheet (partially buried)	1	4	1/16"	100	0.021		
Rubber pad	6" diam	0.25 thick	d	100	0.004		
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>f</sup>	Area Width <sup>f</sup>	Average Thickness <sup>h</sup>	% Area Covered <sup>g</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
					Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>	See page 3	
Asbestos (suspected) _____		Comments: _____					

UCN-18656 (3-8-82)  
<sup>f</sup> Not determined.  
<sup>g</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>h</sup> Values for these entries are estimated.  
 Page 2 of 3

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

WWSY Surface Debris Survey		Date: 6/2/92	Surveyors: R. C. Gosslee, V. P. Patania D. E. Rice		Grid Block ID: 21
Item / Material	Length <sup>f</sup>	Width <sup>f</sup>	Height <sup>f</sup>	% Solid <sup>g</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Hydraulic Hose (partially buried)	8	2" diam	d	hose	0.087
Rubber tubing (partially buried)	3"	8"	0.25" thick	tubing	0.011
Rubber tubing (partially buried)	1.5	d	0.75" diam	tubing	0.02
Rubber glove	c	c	c	100	0.01
Metal banding	1.5	0.75"	0.75"	100	0.006
Iron I-beam (partially buried); (extends into adjacent block)	8	0.25"	3/16"	100	0.003
<b>Small Scattered Debris in Localized Area Type of Material</b>	<b>Area Length<sup>f</sup></b>	<b>Area Width<sup>f</sup></b>	<b>Average Thickness<sup>h</sup></b>	<b>% Area Covered<sup>g</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>
Rubber tubing	3	3	1"	20	0.15
Rubber gaskets	50				
	50				
<b>Asbestos (suspected)</b> _____	<b>Comments:</b> _____				
					<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b> 1.4

UCN-18956 (3 6-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>f</sup> Not determined.  
<sup>g</sup> Not applicable.

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

WWSY Surface Debris Survey		Date: 5/14/92	Surveyors: V. P. Patania, P. F. Tiner		Grid Block ID: 25		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Cylindrical plastic lids (3)*	6-12" diam	0.25" thick	d	100	0.03		
Flat, cylindrical, metal object, annular	12" diam	1/16" thick	d	95	0.56		
Metal gas cylinder top, cylindrical, 1 end closed	0.5	3" diam	d	40	0.002		
Large rectangular concrete plate (partially buried)	2	c	1"	100	c		
Partially buried rubber hose of undetermined length	2" diam	d	0.5" wall thick	50	0.055		
Rectangular piece of flat sheet metal	2"	13"	1/16" thick	c	0.011		
<b>Small Scattered Debris in Localized Area</b> Type of Material	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>a</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>		
Subsurface metal debris partially uncovered; unable to determine extent or dimensions							
<b>Asbestos (suspected)</b>	<b>Comments:</b> Area heavily overgrown obscuring flat or partially subsurface objects. *Metal gas cylinder top may be part of a large amount of buried or obscured metal debris.					<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	See page 2

UCH-18856 (3-8-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 5/14/92	Surveyors: V. P. Patania, P. F. Tiner				Grid Block ID: 25			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>d</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>d</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
*2 lengths of metal piping (flattened)	10	1.5	1/16" wall thick	c	0.078					
*Concrete cylinder piece partially subsurface	2 diam	c	8"	100	2.095					
Stainless steel bars protruding from ground with probable asbestos cloth wrapping	c	0.25	1/16" wall thick	100	c					
Partially buried radiator (vehicle)	2	3"	c	95	c					
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>d</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>d</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Mound inventory										
Ceramic pieces										
Metal debris	12	12	2	100	288					
Glass										
Rubber tubing										
Asbestos (suspected)	yes	Comments: *Part of a large hemispherical mound of mat'l; determinations are guesses at best due to soil and heavy vegetation.								

UCH-18956 (3-6-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Surveyors: V. P. Patania, D. E. Rice					Grid Block ID: 27		
Date: 6/2/92									
Item / Material	Length <sup>f</sup>	Width <sup>f</sup>	Height <sup>f</sup>	% Solid <sup>d</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>				
Iron pipe (partially buried)	1	0.75" diam	d	Pipe	0.001				
Wooden post (partially buried)	6	4"	4"	100	0.667				
Iron conduit holder	2.5	1.5"	1.5"	80	0.031				
Metal ring (mostly buried)	c	0.5 diam	c	c	c				
Brick	4"	4"	4"	100	0.037				
Respirator cartridge	2"	3" diam	d	100	0.008				
Rubber/teflon gasket material (partially buried)	5"	4"	1/4"	100	0.003				
Small Scattered Debris in Localized Area	Area Length <sup>f</sup>	Area Width <sup>f</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>				
Soapstone	2	2	1"	10	0.4				
Metal washers	33								
Rubber gasketing	33								
Piece of concrete block	1								
Glass fragments	50								
Metal fragments	50								
						Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>	See page 2		
Asbestos (suspected) _____						Comments: <u>May be other material concealed under thick vegetation growth</u>			

UCH-18856 (3 e-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>f</sup> Not determined.  
<sup>g</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/2/92	Surveyors: V. P. Patania, D. E. Rice			Grid Block ID: 27
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Brick	4'	5'	8"	100	0.093	
Brick/concrete	8'	4'	2'	100	0.037	
<b>Small Scattered Debris in Localized Area</b>						
Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Glass	2	2	1"	20	0.067	
Possible asbestos	2	2				
Metal	94					
Wood	2					
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>					2.2	
Asbestos (suspected)	yes	Comments: _____				

UCN-18856 (3 8-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.  
<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/2/92	Surveyors: <u>D. E. Austin, Robert C. Gosslee</u>				Grid Block ID: <u>29</u>			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
55-gal metal drum lid	2 diam	d	1/4"	100	0.069					
Stainless steel pipe	4'	2" diam	d	100	0.007					
Steel pipe (mostly buried)	12	4" diam	d	100	1.04					
Radiator-type hose	1.5	1" diam	d	100	0.008					
Lead and steel shielding material	4	2	1/2"	100	0.333					
Metal tray	1.5	1	1/16"	100	0.007					
Piece of pipe asbestos/concrete material	3'	4"	1"	100	0.007					
<b>Small Scattered Debris in Localized Area</b>	<b>Percent<sup>b</sup></b>									
Respirator cartridges	16					6	20	1"	75	7.5
Hose insulator type	5									
4 in. pipe cap	1									
Wood	60									
Bricks	10									
Concrete pipe	1									
Broken glass	3									
Plastic bottle caps	1									
Asbestos wrap	2									
Aluminum wire	1									
<b>Asbestos (suspected)</b>	<b>yes</b>	<b>Comments: Overgrown</b>	<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b> See page 2							

UCN-16256 (3-8-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 6/2/92	Surveyors: D. E. Austin, R. C. Gosslee V. P. Patania, D. E. Rice					Grid Block ID: 29			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Galvanized pipe	2.5	3/4" diam	d	100	0.007					
Brick	4"	5"	8"	100	0.093					
Brown bottle	1.5" diam	3"	d	100	0.001					
Respirator Cartridge	2'	3" diam	d	100	0.008					
Tubing copper	4"	4"	1/4"	100	0.002					
<b>Small Scattered Debris in Localized Area</b>										
Type of Material	Percent <sup>b</sup>									
Slate, glass, metal fragments	95					2	2	1"	95	0.333
Scattered debris in region of dead vegetation	5								5	
<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>										9.4
Asbestos (suspected)	Comments: _____									

UCR-10000 (2-8-82)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

<b>WWSY Surface Debris Survey</b>	Date: 6/1/92	Surveyors: R. C. Gosslee, M. E. Murray				Grid Block ID: 30
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Stainless steel tubing	4	d	3/8" diam	tube	0.003	
Glass bottle/air filter	c	c	c	c	c	
Sheet metal, pipes, flanges	6	6	1	50	18.0	
Transite	4	6	1/8"	100	0.375	
5-gal metal drum lid	2	c	1/8"	100	0.40	
Steel rod	7	1/4" diam	d	100	0.30	
<b>Small Scattered Debris in Localized Area Type of Material</b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>	
Metal strap 8 ft						
Miscellaneous metal pieces	1					
Brick						
Piece of steel pipe						
				<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	<b>19</b>	
<b>Asbestos (suspected)</b> <u>yes</u>	<b>Comments:</b>					

UCH-18255 (3-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>†</sup>Not determined.  
<sup>‡</sup>Not applicable.



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 6/2/92	Surveyors: D. E. Austin, R. C. Gosslee		Grid Block ID: 41		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Shoe soles	3"	10"	1/4"	100	0.004	
Teflon/rubber gasket	3"	4"	1/4"	100	0.002	
Brick	8"	4"	2"	100	0.037	
Tape-wrapped pipe	1" diam	2	d	100	0.01	
Solid concrete block	4	12	5"	100	20	
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
				Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>	20	
Asbestos (suspected)	Comments: Dense foliage, briars, unable to see ground surface.					

UCN-18856 (3 8-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

WWSY Surface Debris Survey		Date: 6/2/92	Surveyors: V. P. Patania, D. E. Rice				Grid Block ID: 42			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>a</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>a</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Aluminum Pipe	2	0.75" diam	d	Pipe	0.004					
Garbage can lid; std commercial size	2 diam	d	1/4" thick	100	0.065					
Rubber tube	2"	3" diam	d	Tube	0.012					
Ceramic chunk; roughly cylindrical section	2" diam	5"	d	100	0.009					
Wood post	12"	5"	2"	100	0.070					
<b>Small Scattered Debris in Localized Area</b>	<b>Percent<sup>b</sup></b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>a</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>				
3 in. x 1/8 in. x 16 in. steel piece		1	1	1"	25	0.02				
Bottle top										
Teflon gasket										
<b>Asbestos (suspected)</b>	<b>Comments: Area heavily covered by pine needles</b>									

UCN-1888 (3-8-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 6/2/92	Surveyors: V. P. Patania, D. E. Rice	Grid Block ID: 42		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Six respirator cartridges	2'/ea	3" diam/ea	d	100	0.05
Soapstone chunk / pipette bulb	1.5"	3.0"	4.0"	100	0.104
Galvanized threaded metal pipe	2.5	0.75 diam	d	Pipe	0.008
Black iron pipe (partially buried)	1.5	1.5 diam	d	Pipe	0.018
Copper tubing (partially buried)	1.5	0.25" diam	d	Pipe	0.001
Plastic pipe tee	1"	2"	d	Pipe	0.009
Respirator cartridge					
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>					0.37
Asbestos (suspected)	Comments: _____				

UCH-18855 (3-8-87)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.  
<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/2/92			Surveyors: D. E. Austin, R. C. Gosslee			Grid Block ID: 44		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>					
Plastic jug (crushed)	2'	2'	5"	100	0.01					
5-gal metal drum lid	4'	10"	1/8"	100	0.003					
3 aluminum canistor-type cartridges	2'	4" diam	d	100	0.025					
Small Scattered Debris in Localized Area										
Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>					
Miscellaneous metal debris	6	6	1"	100	3					
Concrete chips	5									
Metal pipe 1 in. x 10 ft	64									
Teflon flange/glass	10									
	21									
Asbestos (suspected) _____						Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup> See page 2				
Comments: _____										

UCN-18858 (3-8-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

WWSY Surface Debris Survey		Date: 6/2/92	Surveyors: D. E. Austin, R. C. Gosslee				Grid Block ID: 44			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Graphite brick	2'	3"	1"	100	0.003					
Metal box	3'	3"	3"	100	0.015					
Tank or vessel seal flange	1	2	c	100	0.041					
Respirator cartridge	2'	3 diam	d	100	0.008					
Angle iron	5	9"	1/4"	100	0.047					
<b>Small Scattered Debris in Localized Area</b>	<b>Percent<sup>b</sup></b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>				
Insulation	10	10	12	1"	c	10				
Teflon flange	10									
Barrel piece	10									
Bottle cap	10									
Particle board	10									
Metal shavings	10									
Transite	10									
Respirator cartridge	10									
Metal bands	10									
<b>Asbestos (suspected)</b>	<b>yes</b>	<b>Comments: Heavy brush and briars, some dead vegetation foliage</b>								
							<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	13.1		

UCN-18858 (3-9-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined

<sup>d</sup> Not applicable.



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/11/92	Surveyors: R. E. Rodriguez, P. F. Tiner		Grid Block ID: 46		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Bricks (partly buried) 12 ea	8"	3"	4"	100	0.056		
Asbestos-type cloth	c	c	c	c	0.5		
Metal pipe (partly buried)	4	3" diam	d	pipe	0.196		
Metal plate	4" diam	1/16"	d	100	0.0001		
Graphite block	3"	3"	2"	100	0.010		
Concrete chunk with rebar	4	3	3	100	36		
Concrete chunk with rebar	2	3	3	100	18		
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Notes: 3' metal rod protruding from ground. Apparently more material buried.							
						Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>	See page 2
Asbestos (suspected)	yes	Comments:					

UCN-16856 (3-8-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/11/92				Surveyors: R. E. Rodriguez, P. F. Tiner			Grid Block ID: 46	
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (m <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (m <sup>3</sup> ) <sup>b</sup>
Rotting HEPA filter	2	2	5"	5	0.083					
Concrete chunk	2	2	2	100	8					
Concrete chunk	2	2	3	100	12					
Steel plate (partly buried)	15	6	1/4" thick	100	1.8					
Metal bench (part buried) steel, non-compactible	3	2	1	30	1.8					
<b>Small Scattered Debris in Localized Area</b>										
Type of Material	Percent <sup>b</sup>									
						Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>		78		
Asbestos (suspected)	Comments: _____									

UCN-16899 (3-9-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.  
<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 6/2/92	Surveyors: V. P. Patania, D. E. Rice	Grid Block ID: 55			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Circular plug of solidified tar	12" diam	2"	d	100	0.131	
Strip of aluminum metal	1.5	1.5"	10 mil	100	0.0001	
Channel iron	5	8"	1/8" thick	100	0.347	
Black iron pipe	6"	2" diam	d	Pipe	0.003	
Channel iron	5	8"	1/8" thick	100	0.035	
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Percent <sup>b</sup>						
Asbestos (suspected)	Comments: Much overgrowth					
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup> 0.516						

UCN-18656 (3.6.92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 6/2/92	Surveyors: D. E. Austin, R. C. Gosslee	Grid Block ID: 57			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Aluminum strap	12"	1"	1/4"	100	0.021	
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>					0.021	
Asbestos (suspected)	Comments: Dense foliage, unable to see ground surface.					

UCH-18659 (3-8-92)  
 a Approximate measurement in feet unless indicated otherwise.  
 b Values for these entries are estimated.  
 c Not determined.  
 d Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/12/92	Surveyors: R. C. Gosslee, V. P. Patania			Grid Block ID: 58				
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Glass bottle	3"	3"	10"	100	0.052					
Metal pipe	6	1/2" diam	d	pipe	0.004					
Fan housing	2 diam	1/16" thick	d	30	0.002					
Soda can	2.5" diam	d	5"	100	0.014					
Chunk of soapstone/graphite	6"	6"	1"	100	0.021					
Metal pipe (partially buried)	2	3" diam	d	pipe	0.008					
Plate iron	2	7"	0.25"	100	0.024					
<b>Small Scattered Debris in Localized Area</b>	<b>Percent<sup>b</sup></b>									
Graphite chunks	20					10	10	1"	5	0.417
Metal debris	30									
Wood debris	50									
Metal plate	30									
Teflon	30									
Glass	30									
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>										See page 2
<b>Asbestos (suspected)</b>	<b>Comments: Heavy ground cover throughout block.</b>									

UCN-18556 (3 6-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/12/92			Grid Block ID: 60				
Item / Material		Surveyors: R. C. Gosslee, V. P. Patania			Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>a</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Soapstone chunks		4'	4'	1'			100	0.019	
Metal fencepost (part of 2 below)		8	1.5" diam	d			pipe	0.066	
Rebar studded concrete chunk (partially buried)		2	2	1			100	4.0	
Metal valve control unit		8"	4" diam	d			90	0.052	
"Block" (partially buried)		1	4'	2'			100	0.056	
Solid concrete block		1	4'	2'			100	0.056	
Small Scattered Debris in Localized Area		Type of Material		Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Large rectangular mound of rebar reinforced concrete chunks with iron l-beams and steel cable		25	10	3			100	750	
As above-- and metal dilapidated "radiation hazard" sign		20	4	2			100	160	
Metal strapping		2	2	1'			30	0.1	
Teflon									
Glass									
Slag material									
Asbestos (suspected)		Comments: Buried debris throughout block; block has heavy ground cover.							Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup> See page 2

UCN-16856 (3-6-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

WWSY Surface Debris Survey		Date: 6/12/92		Surveyors: R. C. Gosslee, V. P. Patania			Grid Block ID: 60			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Example for area *	12"	6"	2"	100	0.083					
Stainless steel pipe	3	1.25" diam	d	100	0.005					
<b>Small Scattered Debris in Localized Area</b>										
Type of Material	Percent <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>				
*Construction brick	100	40	12	1.5	100	720				
Concrete material and metal rebar	100	6	6	3	100	108				
<b>Asbestos (suspected)</b>										
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup> 1742										
Comments: Most of large debris concentrations within ~ 6 ft of road in the block										

UCH-18856 (3 6-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup>Not determined.  
<sup>d</sup>Not applicable.



**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

WWSY Surface Debris Survey	Date: 6/11/92			Surveyors: R. E. Rodriguez, P. F. Tiner			Grid Block ID: 62		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>				
Nine respirator cartridges	d	4" diam	2 1/2"	20	0.004				
Burlap type (pos. asbestos)	c	c	c	c	0.5				
Concrete cylinder	2.5	9" diam	d	100	1.11				
Steel cable, partly buried	3	1/4" diam	d	100	0.001				
PVC piping	10	3" diam	d	15	0.023				
Four bricks	8"	3"	4"	100	0.222				
Wood pallet	4	3	3"	100	3.0				
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>				
	Percent <sup>b</sup>								
Asbestos (suspected)	Yes	Comments: _____							

UCH-10055 (3-9-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>a</sup> Not determined.

<sup>b</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/11/92	Surveyors: R. E. Rodriguez, P. F. Tiner		Grid Block ID: 62		
Item / Material	Length <sup>f</sup>	Width <sup>f</sup>	Height <sup>f</sup>	%Solid <sup>g</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Steel pipe	20	3" diam	d	pipe	0.327		
Two 55-gal drums	C	C	C	C	15		
2-gal metal bucket	C	C	C	C	0.15		
Metal trash can, 15-gal capacity (semi-crushed)	C	C	C	C	0.75		
Metal pipe	20	2" diam	d	pipe	0.44		
Five graphite blocks	5'	5"	2"	100	0.145		
Two pieces of sheet metal (partly buried)	1 1/2'	1/16"	1 1/7"	100	0.07		
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>f</sup>	Area Width <sup>f</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>g</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Plastic debris	1 ft <sup>3</sup>						
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>						22	
Asbestos (suspected)	Comments: _____						

UCH-18859 (3-8-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>f</sup> Not determined.  
<sup>g</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/9/92	Surveyors: R. C. Gosslee, V. P. Patania P. F. Tiner			Grid Block ID: 63	
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Soapstone chunk	3.5'	7.0"	1.0"	100	0.014		
5 gal metal drum top	12" diam	1/16" thick	d	flat cylinder	0.004		
Asbestos curtain (partially buried)	2	2	1/8"	100	0.04		
Rubber (partially buried)	12"	4"	1/8"	100	0.003		
Metal square	14"	14"	1/8"	100	0.014		
Aluminum reel	4" diam	0.25" thick	d	80	0.001		
Section of railroad tie	4	14"	14"	100	5.45		
<b>Small Scattered Debris in Localized Area Type of Material</b>	<b>Percent<sup>b</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Area Length<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>	
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>					See page 3		
<b>Asbestos (suspected)</b>	<b>yes</b>	<b>Comments: Extremely overgrown with briars.</b>					

UCH-18058 (3 6-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.  
<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

<b>WWSY Surface Debris Survey</b>		Date: 6/9/92	Surveyors: R. C. Gosslee, V. P. Patania P. F. Tiner		Grid Block ID: 63		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>a</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Metal pipe/teflon washer	12	1" diam	d	pipe	0.016		
Metal (partially buried)	2"	2"	0.25"	100	1.0		
Sheet metal	2	4"	1/16"	100	0.003		
Metal and rubber diaphragm	2 diam	3.5 thick	d	100	11.0		
Metal plate	5"	18"	1/32"	100	0.002		
Metal pipe (partially buried)	4	1" diam	d	pipe	0.022		
Metal plate	1.5	5"	1/8"	100	0.007		
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>		
Metal shavings	9	9	1"	20	1.35		
Metal retaining ring							
Rubber							
Part of larger area outside block							
<b>Asbestos (suspected)</b>	Comments: Small debris all through block. Not possible to estimate extent of coverage.				<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b> See page 3		

UCM-18556 (3 6-92) Page 2 of 3

<sup>a</sup> Approximate measurement in feet unless indicated otherwise. <sup>†</sup> Not determined.

<sup>b</sup> Values for these entries are estimated. <sup>‡</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/9/92	Surveyors: <u>R. C. Gosslee, V. P. Patania</u> <u>P. F. Tiner</u>		Grid Block ID: <u>63</u>	
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Pipe (partly buried)	2 visible	1" diam	d	pipe	0.010	
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
				Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>	19	
Asbestos (suspected)	Comments: <u>Extremely overgrown with briars.</u>					

UCH-18858 (3-8-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey <b>Date:</b> 6/9/92	Surveyors: <u>R. C. Gosslee, V. P. Patania</u> <u>P. F. Tiner</u>	Grid Block ID: <u>65</u>			
<b>Item / Material</b>	<b>Length<sup>a</sup></b>	<b>Width<sup>a</sup></b>	<b>Height<sup>a</sup></b>	<b>%Solid<sup>b</sup></b>	<b>Volume (m<sup>3</sup>)<sup>b</sup></b>
Rubber tubing (2)	4/ea	5/ea diam	d	pipe	0.654
Hydraulic hose	25	1.5" diam	d	pipe	0.205
Sheet metal	3	1"	1/16" thick	100	0.001
Stainless piping (partially buried)	2	1" diam	d	pipe	0.005
Stainless piping (partially buried)	8	1" diam	d	pipe	0.022
Rubber hose (partially buried)	5	1" diam	d	pipe	0.014
Metal pipe	12	1" diam	d	pipe	0.033
<b>Small Scattered Debris in Localized Area Type of Material</b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (m<sup>3</sup>)<sup>b</sup></b>
Percent <sup>b</sup>					
<b>Asbestos (suspected)</b>				<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	<b>See page 3</b>
Comments: Debris all over block; see page 3 of 3. Block is extremely heavily overgrown with vegetation; some areas are virtually impassable.					

UCH-16658 (3 e-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>3</sup> Not determined.

<sup>4</sup> Not applicable.

Page 1 of 3



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/9/92	Surveyors: R. C. Gosslee, V. P. Patania P. F. Tiner			Grid Block ID: 65
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	%Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Sheet metal	1.5	3.5	1/16"	100	0.003	
Metal band	2	1.5'	1/2"	100	0.010	
Rubber track	6	2.5'	1" thick	100	0.104	
Partially buried pipe	2	1.75" diam	d	pipe	0.010	
Small Scattered Debris in Localized Area		Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
Type of Material	Percent <sup>b</sup>					
Graphite	10	30 diam	d	1"	29.45	
Rubber	60					
Metal shavings/wire	10					
Plastic	20					
				<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>	<b>35</b>	
<b>Asbestos (suspected)</b>		Comments: it was decided that far too much major debris was encountered for explicit inventory. An estimate may be determined by assuming 50% coverage and types of debris estimated from entries on pages 1-3.				

UCH-16656 (3-6-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.



White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/2/92	Surveyors: <u>D. E. Austin, R. C. Gosslee</u>				Grid Block ID: <u>71</u>	
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>			
Respirator cartridge	3" diam	2" thick	d	100	0.008			
Gatepost pipe	4	2" diam	d	pipe	0.087			
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>			
					Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>	0.095		
Asbestos (suspected) _____						Comments: <u>NW quadrant inaccessible due to heavy brush.</u>		

UCH-10050 (3 6-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 6/1/92	Surveyors: R. C. Gosslee	Grid Block ID: 74		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Steel straps, cables, drum top	8	9	3	30	64.8
Glass bottles; some intact, some broken (15-20)	3	4	1"	1	0.01
Metal and wood boxes, metal straps	3	10	1	5	15
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Glass bottles	1				
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>				80	
Asbestos (suspected)	Comments: _____				

UCN-18858 (3-9-92)  
<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.  
<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.

**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

WWSY Surface Debris Survey		Date: 6/11/92			Surveyors: R. E. Rodriguez, P. F. Tiner			Grid Block ID: 76		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>
Steel bar	5	2"	1/8" thick	100	0.009					
Metal bucket, 5-gal capacity (semi-crushed)	11"	C	4"	100	0.25					
Sheet metal, folded into solid square	6"	4"	3"	100	0.042					
Two 55-gal metal drums	C	C	C	C	15					
Several heavy metal pieces including electric motor and cylinder	C	C	C	C	3					
<b>Small Scattered Debris in Localized Area</b>	<b>Percent<sup>b</sup></b>									
<b>Asbestos (suspected)</b>	<b>Comments: Electric motor with identification number Y-65748 found.</b>									<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>
										<b>18</b>

UCN-18656 (3-8-82)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey	Date: 6/13/92	Surveyors: R. C. Gosslee, V. P. Patania		Grid Block ID: 78		
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
*Ceramic insulator	3" diam	d	4"	100	0.016	
Aluminum plate	3	3	0.25"	100	0.118	
Metal frame	1.5	4	1/8" thick	40	0.025	
Metal band	2	2"	1/8" thick	100	0.003	
Rubber matting/teflon	1	1	1/8" thick	100	0.010	
Small Scattered Debris in Localized Area Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>	
*Plastic	6	6	1"	30	0.9	
Metal						
Rubber						
Glass						
Metal Debris	10	13	1.5	80	156	
Springs, large angle iron, plates, gratings						
Metal	3	8	1"	15	0.3	
Lucite						
Teflon						
Ceramic						
Asbestos (suspected)	yes	Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup> See page 2				
Comments: <u>Very heavily overgrown with briars and blackberry bushes - grid block is barely accessible; may have small debris throughout block.</u>						

UCH-18996 (3-9-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.  
<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.  
<sup>d</sup> Not applicable.





**White Wing Scrap Yard (WWSY) Surface Debris Survey Form**

<b>WWSY Surface Debris Survey</b>		<b>Date:</b> 6/13/92	<b>Surveyors:</b> R. C. Gosslee, V. P. Patania		<b>Grid Block ID:</b> 88		
<b>Item / Material</b>	<b>Length<sup>a</sup></b>	<b>Width<sup>a</sup></b>	<b>Height<sup>a</sup></b>	<b>% Solid<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>		
Transite plate	12"	12"	1.5"	100	0.125		
Metal cylinder	3"	3" diam	d	100	0.012		
Metal tray	4	3	2"	100	0.50		
Asphalt chunk	2	4	1	100	8.00		
Metal plate and metal debris	1.5	1.5	1/32"	100	0.006		
<b>Small Scattered Debris in Localized Area Type of Material</b>	<b>Area Length<sup>a</sup></b>	<b>Area Width<sup>a</sup></b>	<b>Average Thickness<sup>a</sup></b>	<b>% Area Covered<sup>b</sup></b>	<b>Volume (ft<sup>3</sup>)<sup>b</sup></b>		
Rubber	2	7	1"	15	0.175		
Cloth-like material							
Metal	35	35	1"	80	81.7		
Graphite							
Glass							
Rubber							
Metal plate	3	6	1"	30	0.45		
Debris							
				<b>Total Grid Block Volume (ft<sup>3</sup>)<sup>b</sup></b>		91	
<b>Asbestos (suspected)</b>	<b>yes</b>	<b>Comments:</b> Barely accessible block. Heavy growth with briars and blackberry bushes—may have small debris throughout block.					

UCH-10000 (3-9-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>c</sup> Not determined.

<sup>d</sup> Not applicable.

White Wing Scrap Yard (WWSY) Surface Debris Survey Form

WWSY Surface Debris Survey		Date: 6/13/92			Surveyors: <u>R. C. Gosslee, V. P. Patania</u>			Grid Block ID: <u>95</u>			
Item / Material	Length <sup>a</sup>	Width <sup>a</sup>	Height <sup>a</sup>	% Solid <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>						
Plexiglass plate	6"	6"	1"	100	0.021						
Aluminum O-ring	2 diam	2"	d	80	0.002						
Small Scattered Debris in Localized Area	Type of Material	Area Length <sup>a</sup>	Area Width <sup>a</sup>	Average Thickness <sup>a</sup>	% Area Covered <sup>b</sup>	Volume (ft <sup>3</sup> ) <sup>b</sup>					
Total Grid Block Volume (ft <sup>3</sup> ) <sup>b</sup>							0.023				
Asbestos (suspected)	Comments: <u>Heavily overgrown; ground covered by vegetation: poison ivy, young trees, dead trees, pine needles, leaves, etc.</u>										

UCH-10000 (3-9-92)

<sup>a</sup> Approximate measurement in feet unless indicated otherwise.

<sup>b</sup> Values for these entries are estimated.

<sup>1</sup>Not determined.

<sup>2</sup>Not applicable.



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