

**APPENDICES**



**Appendix A – Figures**



**Figure 1. Aerial photo of Osceola, Arkansas**

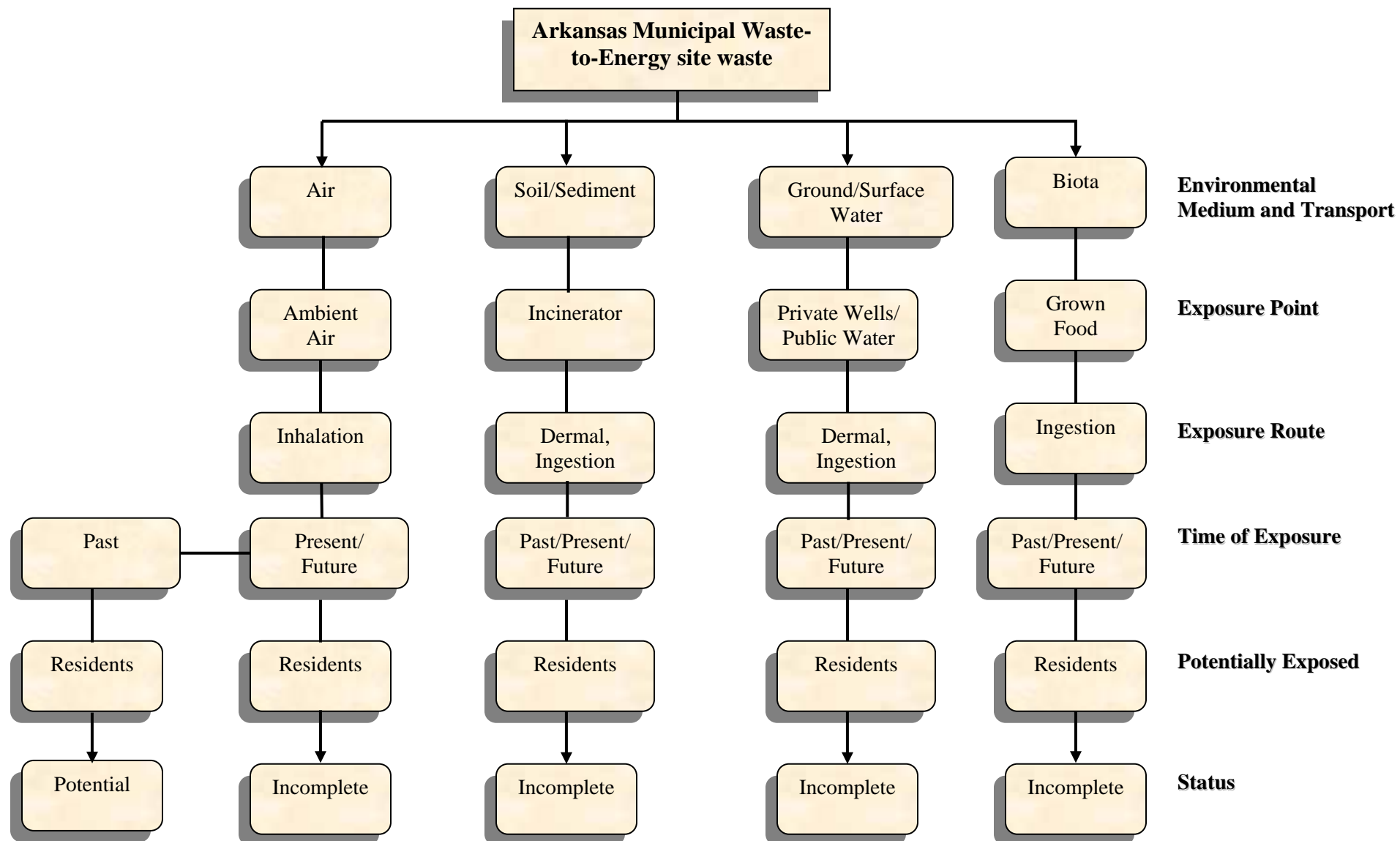


**Figure 2. J.T. Parsons warehouse**

**Figure 3. Partial contents of J.T. Parsons warehouse**



**Figure 4. E.R. Moore building**



**Figure 5. Exposure pathway evaluation**





**Figure 6. Arkansas Municipal Waste-to-Energy soil/sediment sample sites collected by Arkansas Department of Environmental Quality on March 25, 2003**



Appendix B – Table

**Table 1. Soil/sediment sampling data collected by ADEQ March 25, 2003, from Arkansas Municipal Waste-to-Energy (AMWE) incinerator complex**

Volatile Organic Compound	Sampling Sites						Frequency of Detection	ATSDR Comparison Values (Child/Adult)
	1	2	3	4	5	6		
Methylene Chloride	<b>3,220*</b>	<b>3,975</b>	<b>3,350</b>	<b>5,280</b>	1,910	1,840	6/6	3,000 EMEG 40,000 EMEG
Methyl Ethyl Ketone	6,480	9,640	8,700	4,670	4,020	2,770	6/6	30,000 RMEG 400,000 RMEG
Toluene	3,975	522	307	351	ND	97	5/6	10,000 RMEG 100,000 RMEG
Ethylbenzene	ND	132	268	358	ND	76	4/6	5,000 RMEG 70,000 RMEG
Xylene	ND	259	498	1,712	ND	ND	3/6	30,000 EMEG 400,000 EMEG
Naphthalene	ND	8,890	ND	10,820	5,247	ND	3/6	30,000 EMEG 400,000 EMEG
1,2,4-Trichlorobenzene	ND	<b>8,820</b>	ND	ND	ND	ND	1/6	500 RMEG 7,000 RMEG
Hexachlorobutadiene	ND	<b>3,340</b>	ND	ND	ND	ND	1/6	5 EMEG 70 EMEG
sec-Butylbenzene	ND	<b>214</b>	<b>226</b>	<b>1,220</b>	ND	ND	3/6	220†
n-Butylbenzene	ND	<b>397</b>	<b>662</b>	<b>3,040</b>	ND	ND	3/6	240†
1,3,5-Trimethylbenzene	ND	<b>223</b>	<b>786</b>	<b>9,170</b>	ND	ND	3/6	78†
1,2,4-Trimethylbenzene	ND	ND	<b>2,020</b>	<b>27,400</b>	283	ND	3/6	190†
n-Propylbenzene	ND	ND	ND	<b>3,985</b>	ND	ND	1/6	240†

Note: The unit values are in parts per million.

\*Sample results exceeding screening levels are shown in bold.

†US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels;

Abbreviations used:

**ADEQ:** Arkansas Department of Environmental Quality

**ATSDR:** Agency for Toxic Substances and Disease Registry

**EMEG:** Environmental media evaluation guide;

**RMEG:** Reference dose media evaluation guide;

**ND:** No Detect