APPENDIX K

APPENDIX K
SUPPLEMENTARY INFORMATION FOR WIPP TRU WASTE

K.1 INTRODUCTION

The TWBIR, Revision 2 data call requested information to support several WIPP-related programs and studies such as transportation, waste acceptance criteria, permitting, and engineered alternatives. Due to the length of the data call (see Appendix C), it is not possible to present all the information received from the generator/storage sites for each waste stream in Appendix P. This chapter will summarize some of the information that is not presented in the waste stream profiles. The data supporting the information presented in this appendix and other information that may be of interest to the user, such as the source of the waste streams and the certifiability of stored waste, can be obtained by conducting searches of the TWBID that accompanies this report.

K.2 WASTE TYPE AND HANDLING

The type and handling of the waste streams documented in Appendix P is summarized in Figure K-1 and provided in detail in Tables K-1 and K-2, and is based on the percentage of the anticipated volumes of final waste forms. This chart is based on TWBID, Revision 2 data. It is not identical to a similar chart published in the 1995 IDB (DOE, 1995b) because this IDB is based on Revision 1 of the WTWBID.

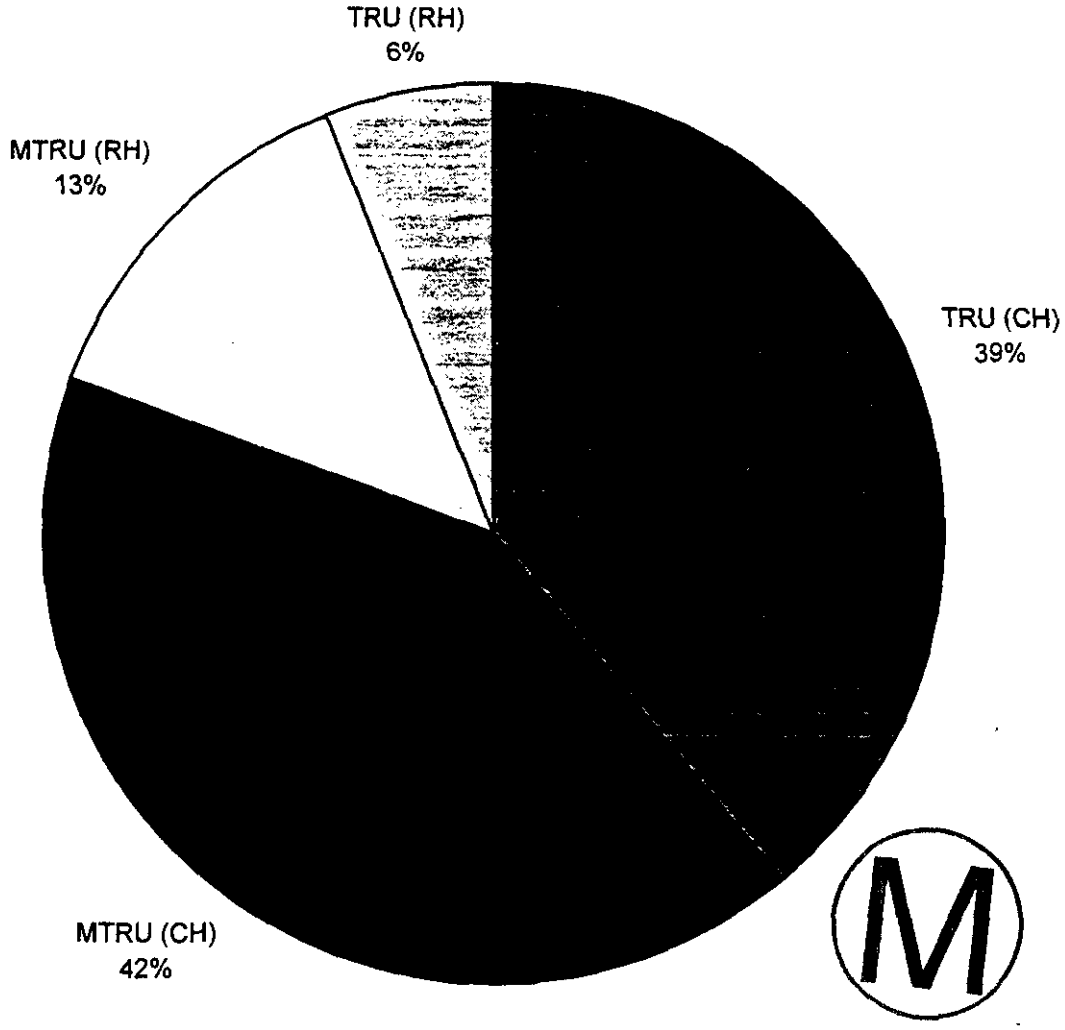

Figure K-1. Summary of Type and Handling of WIPP Waste Streams

Table K-1. WIPP Contact-Handled Mixed and Non-Mixed Disposal Inventory by Site (Final Waste Form)

Storage/Generator Site	Stored Volumes (m3)		Projected Volumes (m3)	
	Mixed	Non-Mixed	Mixed	Non-Mixed
Ames Laboratory - Iowa State Univ.	0.0E+00	0.0E+00	4.2E-01	0.0E+00
Argonne National Laboratory - East	6.5E+00	5.0E+00	1.3E+00	1.3E+02
Argonne National Laboratory - West	4.3E+00	2.3E+00	2.0E+00	7.4E+02
Bettis Atomic Power Laboratory	0.0E+00	0.0E+00	0.0E+00	1.2E+02
Energy Technology Engineering Center	0.0E+00	1.7E+00	0.0E+00	0.0E+00
Hanford (Richland) Site	2.0E+02	1.2E+04	1.3E+04	2.0E+04
Idaho National Engineering Laboratory	2.3E+04	5.3E+03	0.0E+00	0.0E+00
Lawrence Livermore National Laboratory	8.3E+00	2.2E+02	5.0E+01	6.6E+02
Los Alamos National Laboratory	7.7E+03	3.3E+03	3.8E+03	3.6E+03
Mound Plant	3.5E+00	2.7E+02	0.0E+00	0.0E+00
Nevada Test Site	6.1E+02	5.7E+00	9.0E+00	0.0E+00
Oak Ridge National Laboratory	7.0E+02	6.1E+02	2.6E+02	0.0E+00
Paducah Gaseous Diffusion Plant	0.0E+00	0.0E+00	1.9E+00	0.0E+00
Pantex Plant	0.0E+00	6.2E-01	0.0E+00	0.0E+00
Rocky Flats Environmental Technology Site	4.4E+02	2.7E+02	3.3E+03	1.1E+03
Sandia National Laboratory - Albuquerque	0.0E+00	6.7E+00	0.0E+00	7.5E+00
Savannah River Site	1.5E+03	1.4E+03	2.9E+03	3.9E+03
Teledyne Brown Engineering	0.0E+00	2.1E-01	0.0E+00	0.0E+00
U.S. Army Material Command	0.0E+00	2.5E+00	0.0E+00	0.0E+00
University of Missouri Research Reactor	2.1E-01	0.0E+00	8.3E-01	0.0E+00
Totals	3.4E+04	2.4E+04	2.4E+04	3.0E+04

Table K- 2. WIPP Remote-Handled Mixed and Non-Mixed Disposal Inventory by Site (Final Waste Form)

Storage/Generator Site	Stored Volumes (m3)		Projected Volumes (m3)	
	Mixed	Non-Mixed	Mixed	Non-Mixed
Argonne National Laboratory - West	1.8E+00	1.8E+01	3.5E+01	1.2E+03
Battelle Columbus Laboratories	0.0E+00	5.8E+02	0.0E+00	0.0E+00
Bettis Atomic Power Laboratory	0.0E+00	0.0E+00	0.0E+00	6.7E+00
Energy Technology Engineering Center	8.9E-01	0.0E+00	0.0E+00	0.0E+00
Hanford (Richland) Site	2.7E+00	2.0E+02	1.5E+04	6.3E+03
Idaho National Engineering Laboratory	1.9E+02	2.6E+01	0.0E+00	0.0E+00
Los Alamos National Laboratory	1.7E+01	7.7E+01	3.4E+01	6.5E+01
Oak Ridge National Laboratory	2.4E+03	8.5E+01	4.5E+02	0.0E+00
Totals	2.6E+03	9.9E+02	1.6E+04	7.6E+03