Table 3 Worksheet for Ranking of Priority Chemicals

	Total Wastes		Total Releases		Air Releases		Water Releases		Land Releases	
Chemical	*Rank*	*Pounds*	*Rank*	*Pounds*	*Rank*	*Pounds*	*Rank*	*Pounds*	*Rank*	*Pounds*
Hydrochloric acid	1	23,130,399	7	33,023	7	33,023				
Methanol	2	6,756,285	3	87,080	3	83,082	2	4,038		
Chlorine			9	31,860	9	31,860				
Toluene	8	1,194,991	1	487,573	1	487,453			2	3,618
Styrene	4	1,297,484	5	55,782	5	51,295	9	869		
2,4,6 Trichlorophenol	5	1,294,709								
Formaldehyde	6	1,255,821	4	61,000	4	58,604	3	2,396		
Ethylbenzene	11	607,531	11	24,142	11	24,112				
Vinylidene Chloride	12	586,144								
Sulfuric Acid										
Biphenyl										
Chloromethane	7	1,217,415					8	898		
Chloroethane			2	97,880	2	97,880				
Methylene Chloride							10	576		
Tetrachloroethylene	10	694,883	6	39,826	6	39,773				
Chlorobenzene										
Benzene			8	32,547	8	32,517				
Chloroacetic Acid							1	1,105		
Ethylene Glycol							5	1,769		
Ammonia							6	1,740		
Acrylamide							12	354		
Chromium									1	16,467
Chloroform										
1,2 Dichloroethane										
Zinc									4	70
Copper										
Antimony									3	85
Vinyl Chloride										
2,4 Dichlorophenol										
Chloroprene										
2,4 D							7	1,073		
1,3 Butadiene			12	23,480	12	23,480				
Acrylonitrile										
Propylene Oxide										
Ethylene Oxide										
111 Trichloroethane										
Acrylic Acid										
Methacrylonitrile										
Xylene										
1,3 Dichloropropylene										
Phosgene										
Allyl Alcohol										
Chloromethyl Methyl Ether										
Phenol										
2Phenyl Phenol	9	1,027,908								
Glycol Ethers	3	1,603,714					11	556		
Ethylene			10	26,040	10	26,040				
Dimethylamine							4	2,178		
1112 tetrachloroethane										

TABLE 3 Worksheet for Ranking of Priority Chemicals

	Chlorinated Burned		Air Carcinogens		Air Carcinogens		Air Non-Carcinogens		Air Non-Carcinogens	
Chemical	*Rank*	*Pounds*	*Rank*	*Pounds*	*Rank*	*Weight Factor*	*Rank*	*Pounds*	*Rank*	*Weight Factor*
Hydrochloric acid	1	1,510,490					2	33,023	3	4,718
Methanol										
Chlorine										
Toluene							1	487,543	2	7,170
Styrene			2	51,295	12	0				
2,4,6 Trichlorophenol	2	1,289,834								
Formaldehyde			1	58,604	5	1				
Ethylbenzene							3	24,112	10	24
Vinylidene Chloride	5	566,454	7	19,419	3	1				
Sulfuric Acid										
Biphenyl										
Chloromethane	3	1,200,611	9	15,906						
Chloroethane										
Methylene Chloride	7	345,689	8	16,139						
Tetrachloroethylene	4	654,750	3	39,773	6	1				
Chlorobenzene							4	21,745	6	1,087
Benzene			4	32,517	9	0				
Chloroacetic Acid										
Ethylene Glycol										
Ammonia							6	3,987	9	40
Acrylamide					7	1				
Chromium										
Chloroform	11	65,560			11	0				
1,2 Dichloroethane										
Zinc							12	248	5	1,240
Copper										
Antimony										
Vinyl Chloride	9	284,608	11	9,377	4	1				
2,4 Dichlorophenol	8	316,946								
Chloroprene	12	32,192					10	756	7	108
2,4 D										
1,3 Butadiene			5	23,480	1	7				
Acrylonitrile			6	20,999	2	1				
Propylene Oxide			10	13,437	10	0				
Ethylene Oxide			12	3,907	8	0				
111 Trichloroethane							8	2,366	12	2
Acrylic Acid							7	2,972	1	9,906
Methacrylonitrile							9	945	4	1,350
Xylene							5	8,046	8	49
1,3 Dichloropropylene							11	353	11	18
Phosgene	6	429,834								
Allyl Alcohol										
Chloromethyl Methyl Ether										
Phenol										
2Phenyl Phenol										
Glycol Ethers										
Ethylene										
Dimethylamine										
1112 tetrachloroethane	10	241,447								
Byig										

TABLE 3 Worksheet for Ranking of Priority Chemicals

	Water Quality Criteria		Water Quality Criteria		Persistence/ Bioaccumulation	Persistent Toxics-MVMA
Chemical	***Rank***	***Pounds***	***Rank***	***Weight Factor***		
Hydrochloric acid						
Methanol					Medium/Very Low	
Chlorine						
Toluene					Medium/Medium Low	yes
Styrene					High/Medium Low	
2,4,6 Trichlorophenol	6	65	3	231	High/High	yes
Formaldehyde	1	2,396	9	24	High/Very Low	
Ethylbenzene					Medium/Medium Low	yes
Vinylidene Chloride	8	150	8	31		
Sulfuric Acid						
Biphenyl					Low/Medium	
Chloromethane					Low/Low	yes
Chloroethane						
Methylene Chloride	4	576	2	231	High/Low	yes
Tetrachloroethylene	11	34	5	136	High/Medium Low	yes
Chlorobenzene						
Benzene	12	30	4	200	Medium/Medium	yes
Chloroacetic Acid						
Ethylene Glycol	2	1,769	10	6	Medium/Very Low	
Ammonia	3	1,740	6	34	Low/Very Low	
Acrylamide					High/Low	
Chromium					High/Medium	yes
Chloroform	7	188	7	32	High/Low	
1,2 Dichloroethane					HIgh/Low	
Zinc					High/High	yes
Copper					High/Medium	
Antimony					High/low	yes
Vinyl Chloride					Low/Low	
2,4 Dichlorophenol	5	245	11	2	Low/medium	
Chloroprene					High/Medium Low	
2,4 D					Low/Medium	
1,3 Butadiene					Low/Low	
Acrylonitrile			1	287	Low/Medium Low	
Propylene Oxide						
Ethylene Oxide						
111 Trichloroethane						
Acrylic Acid					Medium/Medium Low	
Methacrylonitrile					High/Very Low	
Xylene					High/Medium Low	
1,3 Dichloropropylene					Low/Medium Low	
Phosgene					Low/Very Low	
Allyl Alcohol					Medium/Very Low	
Chloromethyl Methyl Ether						
Phenol	10					yes
2Phenyl Phenol						
Glycol Ethers						
Ethylene						
Dimethylamine						
1112 tetrachloroethane						
Napthalene	9		12	1		

TABLE 3 Worksheet for Ranking of Priority Chemicals

	Risk Planning-Acute Air		Risk Planning-Flammability		Increased Releases		Increase Waste Generation	
Chemical	*Rank*	*Pounds*	*Rank*	*Pounds*	*Rank*	*Pounds*	*Rank*	*Pounds*
Hydrochloric acid	3	3,500,000						
Methanol							9	310,053
Chlorine	4	3,500,000			2	16,421		
Toluene								
Styrene					6	6,160		
2,4,6 Trichlorophenol							4	551,943
Formaldehyde	8	200,000			1	57,702		
Ethylbenzene								
Vinylidene Chloride			1	2,300,000				
Sulfuric Acid								
Biphenyl							7	389,726
Chloromethane	6	400,000					3	877,740
Chloroethane								
Methylene Chloride								
Tetrachloroethylene							6	463,796
Chlorobenzene								
Benzene					7	5,598		
Chloroacetic Acid					4	9,655	5	499,799
Ethylene Glycol					9	2,198	12	97,346
Ammonia	7	300,000						
Acrylamide								
Chromium								
Chloroform	11	1,000						
1,2 Dichloroethane								
Zinc								
Copper								
Antimony								
Vinyl Chloride			3	300,000	8	4,243	10	189,515
2,4 Dichlorophenol							11	148,155
Chloroprene								
2,4 D					10	1,295		
1,3 Butadiene			2	200,000				
Acrylonitrile	1	3,600,000			3	9,978		
Propylene Oxide	5	2,600,000			5	9,177		
Ethylene Oxide	2	3,600,000						
111 Trichloroethane								
Acrylic Acid								
Methacrylonitrile					11	945		
Xylene								
1,3 Dichloropropylene								
Phosgene	12	<1000					8	329,684
Allyl Alcohol	10	75,000			12	839		
Chloromethyl Methyl Ether	9	200,000						
Phenol					12	1,542		
2Phenyl Phenol							2	1,022,309
Glycol Ethers							1	1,553,853
Ethylene								
Dimethylamine								
1112 tetrachloroethane								

TABLE 3 Worksheet for Ranking of Priority Chemicals

	Waste/Production Increases		Endocrine Disrupters	
Chemical	***Rank***	***Pounds***	***Rank***	***Pounds***
Hydrochloric acid				
Methanol				
Chlorine				
Toluene				
Styrene	5	636,189	1	55,782
2,4,6 Trichlorophenol	4	717,698		
Formaldehyde				
Ethylbenzene				
Vinylidene Chloride				
Sulfuric Acid				
Biphenyl	8	392,536		
Chloromethane	3	731,606		
Chloroethane	11	98,845		
Methylene Chloride	9	309,804		
Tetrachloroethylene	6	559,271		
Chlorobenzene				
Benzene				
Chloroacetic Acid	7	421,051		
Ethylene Glycol	12	96,701		
Ammonia				
Acrylamide				
Chromium				
Chloroform				
1,2 Dichloroethane				
Zinc				
Copper				
Antimony				
Vinyl Chloride	10	121,603		
2,4 Dichlorophenol				
Chloroprene				
2,4 D			2	1,295
1,3 Butadiene				
Acrylonitrile				
Propylene Oxide				
Ethylene Oxide				
111 Trichloroethane				
Acrylic Acid				
Methacrylonitrile				
Xylene				
1,3 Dichloropropylene				
Phosgene				
Allyl Alcohol				
Chloromethyl Methyl Ether				
Phenol				
2Phenyl Phenol	2	995,719		
Glycol Ethers	1	1,586,259		
Ethylene				
Dimethylamine				
1112 tetrachloroethane				