

## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                             | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|----------------------------------|-------------|---------|----------|----------|-----|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 0         | 1         | 1         | ARSENIC                          | 007440-38-2 | 1673    | 1114     | 540      | 1   | 600     | 7E-02      | 6E+01     | 2E-04    | 8E-02 | 8E-02 | 248    | 443      | 501      | 1228      | 443      | 285     |
| 0         | 2         | 2         | LEAD                             | 007439-92-1 | 1534    | 1238     | 600      | 10  | 400     | 1E-01      | 1E+03     | 4E-03    | 4E-01 | 4E-02 | 234    | 521      | 602      | 1701      | 521      | 300     |
| 0         | 3         | 3         | MERCURY                          | 007439-97-6 | 1505    | 840      | 407      | 1   | 600     | 3E-03      | 3E+00     | 2E-02    | 3E-01 | 3E-01 | 267    | 159      | 234      | 512       | 159      | 231     |
| 0         | 4         | 4         | VINYL CHLORIDE                   | 000075-01-4 | 1388    | 611      | 296      | 1   | 600     | 6E-02      | 9E-01     | 2E-02    | 3E-01 | 3E-01 | 270    | 111      | 114      | 337       | 111      | 221     |
| 0         | 5         | 5         | POLYCHLORINATED BIPHENYLS        | 001336-36-3 | 1366    | 562      | 272      | 1   | 600     | 3E-02      | 1E+02     | 4E-03    | 1E-01 | 1E-01 | 253    | 209      | 227      | 587       | 209      | 240     |
| 0         | 6         | 6         | BENZENE                          | 000071-43-2 | 1356    | 982      | 476      | 10  | 400     | 7E-02      | 2E+00     | 4E-02    | 6E-01 | 6E-02 | 242    | 198      | 265      | 780       | 198      | 238     |
| -1        | 8         | 7         | CADMIUM                          | 007440-43-9 | 1324    | 986      | 478      | 10  | 400     | 4E-02      | 2E+01     | 2E-04    | 5E-02 | 5E-03 | 196    | 261      | 348      | 846       | 261      | 250     |
| 1         | 7         | 8         | POLYCYCLIC AROMATIC HYDROCARBONS | 130498-29-2 | 1317    | 425      | 206      | 1   | 600     | 5E-01      | 2E+02     | 2E-03    | 6E-01 | 6E-01 | 282    | 149      | 133      | 405       | 149      | 229     |
| 0         | 9         | 9         | BENZO(A)PYRENE                   | 000050-32-8 | 1312    | 547      | 265      | 1   | 600     | 2E-02      | 9E+00     | 1E-04    | 3E-02 | 3E-02 | 228    | 99       | 167      | 364       | 99       | 219     |
| 0         | 10        | 10        | BENZO(B)FLUORANTHENE             | 000205-99-2 | 1267    | 459      | 222      | 1   | 600     | 4E-02      | 1E+01     | 8E-06    | 4E-02 | 4E-02 | 234    | 55       | 129      | 235       | 55       | 211     |
| 0         | 11        | 11        | CHLOROFORM                       | 000067-66-3 | 1223    | 794      | 385      | 10  | 400     | 4E-02      | 3E-01     | 7E-03    | 1E-01 | 1E-02 | 216    | 114      | 175      | 360       | 114      | 222     |
| 0         | 12        | 12        | DDT, P,P'-                       | 000050-29-3 | 1193    | 372      | 180      | 1   | 600     | 9E-04      | 1E+01     | 2E-04    | 7E-03 | 7E-03 | 203    | 53       | 85       | 209       | 53       | 210     |
| 0         | 13        | 13        | AROCLOR 1254                     | 011097-69-1 | 1183    | 325      | 158      | 1   | 600     | 7E-03      | 1E+01     | 4E-04    | 2E-02 | 2E-02 | 218    | 36       | 63       | 132       | 36       | 207     |
| 0         | 14        | 14        | AROCLOR 1260                     | 011096-82-5 | 1178    | 307      | 149      | 1   | 600     | 2E-02      | 1E+01     |          | 2E-02 | 2E-02 | 223    | 33       | 55       | 138       | 33       | 206     |
| 0         | 15        | 15        | DIBENZO(A,H)ANTHRACENE           | 000053-70-3 | 1166    | 279      | 135      | 1   | 600     | 1E-02      | 3E+00     | 5E-04    | 2E-02 | 2E-02 | 222    | 47       | 88       | 130       | 47       | 209     |
| 0         | 16        | 16        | TRICHLOROETHYLENE                | 000079-01-6 | 1155    | 1022     | 495      | 100 | 178     | 1E-01      | 6E+00     | 3E-02    | 6E-01 | 6E-03 | 200    | 422      | 428      | 1086      | 422      | 281     |
| 0         | 17        | 17        | DIELDRIN                         | 000060-57-1 | 1151    | 306      | 148      | 1   | 600     | 2E-04      | 1E+00     | 2E-04    | 4E-03 | 4E-03 | 192    | 54       | 71       | 183       | 54       | 210     |
| 0         | 18        | 18        | CHROMIUM, HEXAVALENT             | 018540-29-9 | 1150    | 129      | 63       | 1   | 600     | 7E-01      | 5E+01     | 3E-06    | 7E-01 | 7E-01 | 284    | 16       | 36       | 83        | 16       | 203     |
| 0         | 19        | 19        | PHOSPHORUS, WHITE                | 007723-14-0 | 1145    | 90       | 44       | 1   | 600     | 8E-01      | 1E+03     | 7E-02    | 2E+00 | 2E+00 | 300    | 6        | 16       | 12        | 6        | 201     |
| -1        | 21        | 20        | CHLORDANE                        | 000057-74-9 | 1133    | 230      | 111      | 1   | 600     | 9E-04      | 2E+01     | 5E-04    | 1E-02 | 1E-02 | 214    | 38       | 46       | 115       | 38       | 207     |
| 1         | 20        | 21        | DDE, P,P'-                       | 000072-55-9 | 1132    | 319      | 155      | 1   | 600     | 4E-04      | 3E+00     | 8E-06    | 1E-03 | 1E-03 | 170    | 42       | 71       | 156       | 42       | 208     |
| 0         | 22        | 22        | HEXACHLOROBUTADIENE              | 000087-68-3 | 1130    | 61       | 30       | 1   | 600     | 2E-02      | 1E+01     | 1E-01    | 1E+00 | 1E+00 | 298    | 9        | 9        | 23        | 9        | 202     |
| 0         | 23        | 23        | COAL TAR CREOSOTE                | 008001-58-9 | 1124    | 47       | 23       | 1   | 600     | 7E+00      | 2E+01     |          | 7E+00 | 7E+00 | 300    | 8        | 3        | 16        | 8        | 202     |
| -1        | 25        | 24        | ALDRIN                           | 000309-00-2 | 1117    | 218      | 106      | 1   | 600     | 2E-04      | 8E-01     | 6E-04    | 9E-03 | 9E-03 | 208    | 17       | 34       | 108       | 17       | 203     |
| 1         | 24        | 25        | DDD, P,P'-                       | 000072-54-8 | 1115    | 256      | 124      | 1   | 600     | 5E-04      | 5E+00     | 6E-05    | 2E-03 | 2E-03 | 184    | 35       | 62       | 122       | 35       | 207     |
| 0         | 26        | 26        | BENZIDINE                        | 000092-87-5 | 1114    | 29       | 14       | 1   | 600     | 4E+00      | 6E+01     |          | 4E+00 | 4E+00 | 300    | 1        | 2        | 10        | 1        | 200     |
| 0         | 27        | 27        | AROCLOR 1248                     | 012672-29-6 | 1112    | 172      | 83       | 1   | 600     | 2E-02      | 2E+01     | 2E-04    | 2E-02 | 2E-02 | 225    | 22       | 32       | 76        | 22       | 204     |
| 0         | 28        | 28        | CYANIDE                          | 000057-12-5 | 1099    | 458      | 222      | 10  | 400     | 2E-01      | 3E+01     | 2E-01    | 3E+00 | 3E-01 | 271    | 35       | 66       | 189       | 35       | 207     |
| 0         | 29        | 29        | AROCLOR 1242                     | 053469-21-9 | 1093    | 159      | 77       | 1   | 600     | 9E-03      | 2E+01     |          | 1E-02 | 1E-02 | 215    | 8        | 23       | 38        | 8        | 202     |
| -32       | 62        | 30        | AROCLOR                          | 012767-79-2 | 1092    | 10       | 5        | 1   | 600     | 8E-01      | 5E+00     |          | 8E-01 | 8E-01 | 286    | 1        | 2        | 4         | 1        | 200     |
| 1         | 30        | 31        | TOXAPHENE                        | 008001-35-2 | 1087    | 67       | 32       | 1   | 600     | 6E-02      | 2E+02     | 5E-04    | 1E-01 | 1E-01 | 253    | 8        | 15       | 42        | 8        | 202     |
| 0         | 32        | 32        | HEXACHLOROCYCLOHEXANE, GAMMA-    | 000058-89-9 | 1082    | 186      | 90       | 1   | 600     | 2E-03      | 2E+00     | 5E-05    | 3E-03 | 3E-03 | 188    | 19       | 29       | 88        | 19       | 204     |
| 2         | 31        | 33        | TETRACHLOROETHYLENE              | 000127-18-4 | 1080    | 924      | 448      | 100 | 178     | 7E-02      | 1E+01     | 3E-02    | 5E-01 | 5E-03 | 197    | 300      | 321      | 718       | 300      | 258     |
| 1         | 33        | 34        | HEPTACHLOR                       | 000076-44-8 | 1073    | 200      | 97       | 1   | 600     | 1E-04      | 4E-01     | 7E-05    | 1E-03 | 1E-03 | 173    | 12       | 24       | 62        | 12       | 202     |
| 1         | 34        | 35        | 1,2-DIBROMOETHANE                | 000106-93-4 | 1064    | 43       | 21       | 1   | 600     | 4E-03      | 3E+02     | 3E-04    | 6E-02 | 6E-02 | 242    | 8        | 9        | 24        | 8        | 202     |
| -1        | 37        | 36        | HEXACHLOROCYCLOHEXANE, BETA-     | 000319-85-7 | 1060    | 157      | 76       | 1   | 600     | 2E-03      | 6E-01     | 1E-05    | 2E-03 | 2E-03 | 183    | 7        | 21       | 50        | 7        | 201     |
| 1         | 36        | 37        | ACROLEIN                         | 000107-02-8 | 1059    | 30       | 15       | 1   | 600     |            |           | 5E-03    | 7E-02 | 7E-02 | 244    | 2        | 4        | 9         | 2        | 200     |
| 3         | 35        | 38        | DISULFOTON                       | 000298-04-4 | 1059    | 8        | 4        | 1   | 600     |            | 6E+02     |          | 1E-01 | 1E-01 | 255    | 1        | 3        | 4         | 1        | 200     |
| 1         | 38        | 39        | BENZO(A)ANTHRACENE               | 000056-55-3 | 1058    | 512      | 248      | 10  | 400     | 4E-02      | 1E+01     | 5E-05    | 4E-02 | 4E-03 | 195    | 75       | 156      | 292       | 75       | 214     |
| 1         | 39        | 40        | 3,3'-DICHLOROBENZIDINE           | 000091-94-1 | 1052    | 35       | 17       | 1   | 600     | 4E-02      | 1E+01     |          | 4E-02 | 4E-02 | 234    | 1        | 3        | 9         | 1        | 200     |
| 0         | 41        | 41        | ENDRIN                           | 000072-20-8 | 1049    | 129      | 63       | 1   | 600     | 4E-04      | 1E+00     | 1E-04    | 2E-03 | 2E-03 | 185    | 4        | 20       | 33        | 4        | 201     |
| 2         | 40        | 42        | BERYLLIUM                        | 007440-41-7 | 1046    | 548      | 266      | 10  | 400     | 8E-03      | 3E+00     | 6E-07    | 9E-03 | 9E-04 | 168    | 67       | 127      | 236       | 67       | 213     |
| 1         | 42        | 43        | HEXACHLOROCYCLOHEXANE, DELTA-    | 000319-86-8 | 1038    | 123      | 60       | 1   | 600     | 2E-03      | 3E-01     | 2E-06    | 2E-03 | 2E-03 | 178    | 3        | 14       | 44        | 3        | 201     |
| 1         | 43        | 44        | 1,2-DIBROMO-3-CHLOROPROPANE      | 000096-12-8 | 1036    | 20       | 10       | 1   | 600     | 1E-02      | 6E+01     |          | 2E-02 | 2E-02 | 225    | 3        | 2        | 4         | 3        | 201     |

**Rank Diff** = 2005 Rank - 2007 Rank; **CAS** = Chemical Abstracts Service Registry Number; **Tot Pts** = Total Points; **NPL Freq** = National Priorities List frequency; **Freq Pts** = Frequency points; **Tox** = Reportable Quantity or Toxicity/Environmental Score; **Tox Pts** = Toxicity Points; **GMMC** = Geometric Mean Maximum Concentration for water(mg/l), soil(mg/kg) & air(mg/m<sup>3</sup>); **TDD** = Theoretical Daily Dose; **SC** = Source Contribution; **SC Pts** = Source Contribution Points; **Exp to C** = Exposure to Contaminant; **Exp to M** = Exposure to Media; **Pexp to M** = Potential Exposure to Media; **Exp Used** = Exposure Datum used to determine Exposure Points; **Exp Pts** = Exposure Points.

## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|-------------------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 0         | 45        | 45        | PENTACHLOROPHENOL                   | 000087-86-5 | 1028    | 326      | 158      | 10   | 400     | 1E+00      | 2E+02     | 3E-03    | 1E+00 | 1E-01 | 256    | 74       | 85       | 185       | 74       | 214     |
| 2         | 44        | 46        | HEPTACHLOR EPOXIDE                  | 001024-57-3 | 1027    | 186      | 90       | 1    | 600     | 8E-05      | 2E-01     |          | 1E-04 | 1E-04 | 132    | 26       | 48       | 68        | 26       | 205     |
| 1         | 46        | 47        | CARBON TETRACHLORIDE                | 000056-23-5 | 1023    | 418      | 203      | 10   | 400     | 3E-02      | 4E+00     | 3E-03    | 9E-02 | 9E-03 | 207    | 69       | 88       | 165       | 69       | 213     |
| 1         | 47        | 48        | AROCLOR 1221                        | 011104-28-2 | 1018    | 24       | 12       | 1    | 600     |            | 4E+01     |          | 8E-03 | 8E-03 | 207    | 1        | 3        | 3         | 1        | 200     |
| -1        | 50        | 49        | COBALT                              | 007440-48-4 | 1016    | 426      | 206      | 10   | 400     | 5E-02      | 2E+01     | 5E-05    | 6E-02 | 6E-03 | 200    | 49       | 113      | 152       | 49       | 209     |
| 1         | 49        | 50        | DDT, O,P'-                          | 000789-02-6 | 1015    | 5        | 2        | 1    | 600     |            | 6E+01     |          | 1E-02 | 1E-02 | 212    | 2        | 2        | 3         | 2        | 200     |
| 3         | 48        | 51        | AROCLOR 1016                        | 012674-11-2 | 1014    | 62       | 30       | 1    | 600     | 3E-04      | 1E+01     |          | 2E-03 | 2E-03 | 184    | 3        | 8        | 7         | 3        | 201     |
| 0         | 52        | 52        | DI-N-BUTYL PHTHALATE                | 000084-74-2 | 1007    | 473      | 229      | 10   | 400     | 1E-02      | 3E+00     |          | 1E-02 | 1E-03 | 175    | 16       | 42       | 128       | 16       | 203     |
| -2        | 55        | 53        | NICKEL                              | 007440-02-0 | 1005    | 861      | 417      | 100  | 178     | 2E-01      | 1E+02     | 2E-03    | 3E-01 | 3E-03 | 189    | 110      | 192      | 562       | 110      | 221     |
| 0         | 54        | 54        | ENDOSULFAN                          | 000115-29-7 | 1005    | 55       | 27       | 1    | 600     | 9E-04      | 3E+00     |          | 2E-03 | 2E-03 | 177    | 4        | 11       | 14        | 4        | 201     |
| 2         | 53        | 55        | ENDOSULFAN SULFATE                  | 001031-07-8 | 1004    | 99       | 48       | 1    | 600     | 4E-04      | 2E-01     |          | 4E-04 | 4E-04 | 155    | 2        | 10       | 16        | 2        | 200     |
| -1        | 57        | 56        | DIAZINON                            | 000333-41-5 | 1002    | 25       | 12       | 1    | 600     | 3E-03      |           |          | 3E-03 | 3E-03 | 189    | 3        | 5        | 3         | 3        | 201     |
| -1        | 58        | 57        | ENDOSULFAN, ALPHA                   | 000959-98-8 | 1001    | 78       | 38       | 1    | 600     | 2E-04      | 3E+00     |          | 7E-04 | 7E-04 | 163    | 4        | 6        | 10        | 4        | 201     |
| -1        | 59        | 58        | XYLENES, TOTAL                      | 001330-20-7 | 996     | 776      | 376      | 100  | 178     | 3E-01      | 3E+01     | 2E-01    | 4E+00 | 4E-02 | 233    | 49       | 107      | 476       | 49       | 209     |
| 8         | 51        | 59        | CIS-CHLORDANE                       | 005103-71-9 | 995     | 78       | 38       | 1    | 600     | 4E-04      | 9E-02     |          | 5E-04 | 5E-04 | 156    | 7        | 24       | 28        | 7        | 201     |
| 0         | 60        | 60        | DIBROMOCHLOROPROPANE                | 067708-83-2 | 995     | 13       | 6        | 1    | 600     | 3E-03      |           |          | 3E-03 | 3E-03 | 188    | 1        | 2        | 8         | 1        | 200     |
| 0         | 61        | 61        | METHOXYCHLOR                        | 000072-43-5 | 994     | 60       | 29       | 1    | 600     | 5E-04      | 2E+00     |          | 8E-04 | 8E-04 | 165    | 2        | 10       | 16        | 2        | 200     |
| -1        | 63        | 62        | BENZOK(F)FLUORANTHENE               | 000207-08-9 | 981     | 406      | 197      | 10   | 400     | 1E-02      | 1E+01     | 6E-06    | 1E-02 | 1E-03 | 175    | 47       | 108      | 171       | 47       | 209     |
| -1        | 64        | 63        | ENDRIN KETONE                       | 053494-70-5 | 979     | 61       | 30       | 1    | 600     | 3E-04      | 2E-01     |          | 3E-04 | 3E-04 | 148    | 5        | 15       | 17        | 5        | 201     |
| 8         | 56        | 64        | TRANS-CHLORDANE                     | 005103-74-2 | 974     | 75       | 36       | 1    | 600     | 1E-04      | 8E-02     |          | 2E-04 | 2E-04 | 137    | 4        | 19       | 31        | 4        | 201     |
| -1        | 66        | 65        | CHROMIUM(VI) OXIDE                  | 001333-82-0 | 970     | 10       | 5        | 1    | 600     | 2E-01      | 2E+00     |          | 2E-01 | 2E-01 | 264    |          | 3        | 7         | 3        | 100     |
| -1        | 67        | 66        | METHANE                             | 000074-82-8 | 960     | 119      | 58       | 10   | 400     |            |           | 5E+02    | 7E+03 | 7E+02 | 300    | 11       | 17       | 51        | 11       | 202     |
| 2         | 65        | 67        | ENDOSULFAN, BETA                    | 033213-65-9 | 959     | 64       | 31       | 1    | 600     | 2E-05      | 4E-01     |          | 9E-05 | 9E-05 | 127    | 5        | 12       | 15        | 5        | 201     |
| 0         | 68        | 68        | AROCLOR 1232                        | 011141-16-5 | 956     | 33       | 16       | 1    | 600     |            | 9E-01     |          | 2E-04 | 2E-04 | 139    | 1        | 3        | 3         | 1        | 200     |
| 0         | 69        | 69        | ENDRIN ALDEHYDE                     | 007421-93-4 | 955     | 49       | 24       | 1    | 600     | 1E-04      | 6E-02     |          | 1E-04 | 1E-04 | 131    | 2        | 9        | 19        | 2        | 200     |
| 0         | 70        | 70        | BENZOFLUORANTHENE                   | 056832-73-6 | 951     | 23       | 11       | 1    | 600     | 5E-02      | 4E+01     |          | 5E-02 | 5E-02 | 239    |          | 5        | 14        | 5        | 101     |
| 0         | 71        | 71        | TOLUENE                             | 000108-88-3 | 947     | 1008     | 489      | 1000 | 53      | 2E-01      | 1E+01     | 2E-01    | 3E+00 | 3E-03 | 189    | 87       | 173      | 751       | 87       | 217     |
| 0         | 72        | 72        | 2-HEXANONE                          | 000591-78-6 | 942     | 230      | 111      | 10   | 400     | 6E-02      | 3E-01     | 1E-02    | 3E-01 | 3E-02 | 229    | 10       | 16       | 37        | 10       | 202     |
| 0         | 73        | 73        | 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN | 001746-01-6 | 938     | 130      | 63       | 1    | 600     | 2E-06      | 9E-03     |          | 3E-06 | 3E-06 | 68     | 35       | 43       | 75        | 35       | 207     |
| 0         | 74        | 74        | ZINC                                | 007440-66-6 | 933     | 957      | 464      | 1000 | 53      | 2E+00      | 1E+03     | 4E-03    | 2E+00 | 2E-03 | 183    | 173      | 266      | 589       | 173      | 233     |
| 0         | 75        | 75        | DIMETHYLARSINIC ACID                | 000075-60-5 | 922     | 8        | 4        | 1    | 600     |            | 8E+01     |          | 2E-02 | 2E-02 | 218    |          | 1        | 2         | 1        | 100     |
| 0         | 76        | 76        | DI(2-ETHYLHEXYL)PHTHALATE           | 000117-81-7 | 919     | 755      | 366      | 100  | 178     | 5E-02      | 2E+01     | 3E-04    | 6E-02 | 6E-04 | 160    | 78       | 149      | 421       | 78       | 215     |
| 0         | 77        | 77        | CHROMIUM                            | 007440-47-3 | 909     | 1108     | 537      | 5000 | 10      | 2E-01      | 3E+02     | 4E-04    | 3E-01 | 6E-05 | 119    | 223      | 336      | 1114      | 223      | 243     |
| 0         | 78        | 78        | NAPHTHALENE                         | 000091-20-3 | 897     | 645      | 313      | 100  | 178     | 2E-01      | 5E+01     | 2E-02    | 4E-01 | 4E-03 | 195    | 56       | 129      | 302       | 56       | 211     |
| 0         | 79        | 79        | 1,1-DICHLOROETHENE                  | 000075-35-4 | 891     | 627      | 304      | 100  | 178     | 4E-02      | 3E-01     | 1E-02    | 3E-01 | 3E-03 | 186    | 123      | 143      | 306       | 123      | 224     |
| -1        | 81        | 80        | METHYLENE CHLORIDE                  | 000075-09-2 | 889     | 910      | 441      | 1000 | 53      | 1E-01      | 2E+00     | 9E-02    | 1E+00 | 1E-03 | 176    | 97       | 145      | 536       | 97       | 219     |
| 1         | 80        | 81        | AROCLOR 1240                        | 071328-89-7 | 888     | 3        | 1        | 1    | 600     |            | 1E+01     |          | 3E-03 | 3E-03 | 186    |          | 1        | 1         | 1        | 100     |
| 0         | 82        | 82        | 2,4,6-TRINITROTOLUENE               | 000118-96-7 | 884     | 35       | 17       | 10   | 400     | 2E-01      | 1E+04     |          | 2E+00 | 2E-01 | 265    | 10       | 6        | 61        | 10       | 202     |
| 0         | 83        | 83        | BROMODICHLOROETHANE                 | 000683-53-4 | 870     | 6        | 3        | 10   | 400     |            |           |          | 2E-01 | 3E+00 | 3E-01  | 267      | 1        | 3         | 1        | 200     |
| -1        | 85        | 84        | HYDRAZINE                           | 000302-01-2 | 864     | 7        | 3        | 1    | 600     | 2E-01      |           |          | 2E-01 | 2E-01 | 260    |          |          | 4         | 4        | 1       |
| 1         | 84        | 85        | 1,2-DICHLOROETHANE                  | 000107-06-2 | 864     | 598      | 290      | 100  | 178     | 6E-02      | 2E+00     | 7E-03    | 2E-01 | 2E-03 | 178    | 95       | 116      | 274       | 95       | 218     |
| 0         | 86        | 86        | 2,4,6-TRICHLOROPHENOL               | 000088-06-2 | 864     | 89       | 43       | 10   | 400     | 2E-01      | 2E+01     |          | 2E-01 | 2E-02 | 220    | 5        | 7        | 19        | 5        | 201     |
| 0         | 87        | 87        | 2,4-DINITROPHENOL                   | 000051-28-5 | 860     | 66       | 32       | 10   | 400     | 3E-01      | 1E+02     |          | 3E-01 | 3E-02 | 228    | 1        | 2        | 12        | 1        | 200     |
| 0         | 88        | 88        | BIS(2-CHLOROETHYL) ETHER            | 000111-44-4 | 860     | 91       | 44       | 10   | 400     | 1E-01      | 2E+01     |          | 1E-01 | 1E-02 | 216    | 1        | 5        | 29        | 1        | 200     |

Rank Diff = 2005 Rank - 2007 Rank; CAS = Chemical Abstracts Service Registry Number; Tot Pts = Total Points; NPL Freq = National Priorities List frequency; Freq Pts = Frequency points; Tox = Reportable Quantity or Toxicity/Environmental Score; Tox Pts = Toxicity Points; GMMC = Geometric Mean Maximum Concentration for water(mg/l), soil(mg/kg) & air(mg/m<sup>3</sup>); TDD = Theoretical Daily Dose; SC = Source Contribution; SC Pts = Source Contribution Points; Exp to C = Exposure to Contaminant; Exp to M = Exposure to Media; PExp to M = Potential Exposure to Media; Exp Used = Exposure Datum used to determine Exposure Points; Exp Pts = Exposure Points.

## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                 | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|--------------------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 0         | 89        | 89        | THIOCYANATE                          | 000302-04-5 | 849     | 6        | 3        | 10   | 400     | 8E-01      |           |          | 8E-01 | 8E-02 | 246    | 1        | 1        | 2         | 1        | 200     |
| 0         | 90        | 90        | ASBESTOS                             | 001332-21-4 | 842     | 77       | 37       | 1    | 600     |            |           |          |       |       | 0      | 22       | 13       | 38        | 22       | 204     |
| -1        | 92        | 91        | CHLORINE                             | 007782-50-5 | 840     | 43       | 21       | 10   | 400     |            |           | 1E-02    | 2E-01 | 2E-02 | 219    | 2        | 2        | 2         | 2        | 200     |
| 1         | 91        | 92        | CYCLOTTRIMETHYLENETRINITRAMINE (RDX) | 000121-82-4 | 840     | 30       | 15       | 10   | 400     | 6E-02      | 8E+02     |          | 2E-01 | 2E-02 | 224    | 9        | 14       | 45        | 9        | 202     |
| 0         | 93        | 93        | HEXACHLOROBENZENE                    | 000118-74-1 | 838     | 111      | 54       | 10   | 400     | 2E-02      | 2E+01     |          | 2E-02 | 2E-03 | 181    | 16       | 25       | 58        | 16       | 203     |
| -2        | 96        | 94        | 2,4-DINITROTOLUENE                   | 000121-14-2 | 838     | 81       | 39       | 10   | 400     | 1E-02      | 2E+02     |          | 5E-02 | 5E-03 | 198    | 3        | 6        | 36        | 3        | 201     |
| 1         | 94        | 95        | RADIUM-226                           | 013982-63-3 | 836     | 69       | 33       | 1    | 600     |            |           |          |       |       | 0      | 13       | 56       | 44        | 13       | 202     |
| -1        | 97        | 96        | ETHION                               | 000563-12-2 | 834     | 9        | 4        | 10   | 400     |            | 1E+03     |          | 3E-01 | 3E-02 | 229    | 3        | 3        | 1         | 3        | 201     |
| 2         | 95        | 97        | 1,1,1-TRICHLOROETHANE                | 000071-55-6 | 834     | 807      | 391      | 1000 | 53      | 1E-01      | 2E+00     | 4E-02    | 7E-01 | 7E-04 | 164    | 135      | 219      | 526       | 135      | 226     |
| 0         | 98        | 98        | URANIUM                              | 007440-61-1 | 833     | 63       | 31       | 1    | 600     |            |           |          |       |       | 0      | 15       | 39       | 59        | 15       | 203     |
| 0         | 99        | 99        | ETHYLBENZENE                         | 000100-41-4 | 832     | 823      | 399      | 1000 | 53      | 2E-01      | 1E+01     | 5E-02    | 1E+00 | 1E-03 | 169    | 57       | 121      | 449       | 57       | 211     |
| 0         | 100       | 100       | RADIUM                               | 007440-14-4 | 828     | 50       | 24       | 1    | 600     |            |           |          |       |       | 0      | 20       | 12       | 24        | 20       | 204     |
| 0         | 101       | 101       | THORIUM                              | 007440-29-1 | 825     | 46       | 22       | 1    | 600     |            |           |          |       |       | 0      | 15       | 37       | 33        | 15       | 203     |
| 0         | 102       | 102       | 4,6-DINITRO-O-CRESOL                 | 000534-52-1 | 823     | 55       | 27       | 10   | 400     | 3E-02      | 6E+01     |          | 4E-02 | 4E-03 | 196    | 1        | 4        | 10        | 1        | 200     |
| 0         | 103       | 103       | 1,3,5-TRINITROBENZENE                | 000099-35-4 | 820     | 24       | 12       | 10   | 400     | 5E-02      | 2E+02     |          | 9E-02 | 9E-03 | 208    | 5        | 7        | 25        | 5        | 201     |
| -1        | 105       | 104       | CHLOROBENZENE                        | 000108-90-7 | 820     | 500      | 242      | 100  | 178     | 9E-02      | 2E+00     | 2E-02    | 3E-01 | 3E-03 | 190    | 47       | 72       | 216       | 47       | 209     |
| 1         | 104       | 105       | RADON                                | 010043-92-2 | 818     | 29       | 14       | 1    | 600     |            |           |          |       |       | 0      | 20       | 10       | 8         | 20       | 204     |
| 0         | 106       | 106       | RADIUM-228                           | 015262-20-1 | 817     | 33       | 16       | 1    | 600     |            |           |          |       |       | 0      | 4        | 25       | 16        | 4        | 201     |
| 0         | 107       | 107       | THORIUM-230                          | 014269-63-7 | 815     | 28       | 14       | 1    | 600     |            |           |          |       |       | 0      | 6        | 26       | 24        | 6        | 201     |
| 0         | 107       | 107       | URANIUM-235                          | 015117-96-1 | 815     | 28       | 14       | 1    | 600     |            |           |          |       |       | 0      | 6        | 16       | 21        | 6        | 201     |
| 0         | 109       | 109       | BARIIUM                              | 007440-39-3 | 813     | 787      | 381      | 1000 | 53      | 5E-01      | 4E+02     | 5E-04    | 6E-01 | 6E-04 | 161    | 95       | 190      | 447       | 95       | 218     |
| -3        | 113       | 110       | FLUORANTHENE                         | 000206-44-0 | 812     | 522      | 253      | 100  | 178     | 1E-01      | 2E+01     | 7E-05    | 1E-01 | 2E-03 | 177    | 25       | 73       | 222       | 25       | 205     |
| 1         | 110       | 111       | URANIUM-234                          | 013966-29-5 | 812     | 23       | 11       | 1    | 600     |            |           |          |       |       | 0      | 5        | 9        | 17        | 5        | 201     |
| 1         | 111       | 112       | N-NITROSODI-N-PROPYLAMINE            | 000621-64-7 | 811     | 68       | 33       | 10   | 400     | 2E-02      | 1E+00     |          | 2E-02 | 2E-03 | 178    | 2        | 6        | 16        | 2        | 200     |
| 1         | 112       | 113       | THORIUM-228                          | 014274-82-9 | 810     | 19       | 9        | 1    | 600     |            |           |          |       |       | 0      | 6        | 18       | 10        | 6        | 201     |
| 0         | 114       | 114       | RADON-222                            | 014859-67-7 | 810     | 17       | 8        | 1    | 600     |            |           |          |       |       | 0      | 8        | 14       | 6         | 8        | 202     |
| -1        | 116       | 115       | HEXACHLOROCYCLOHEXANE, ALPHA-        | 000319-84-6 | 810     | 145      | 70       | 10   | 400     | 9E-04      | 2E+00     | 1E-05    | 2E-03 | 2E-04 | 136    | 17       | 32       | 56        | 17       | 203     |
| -27       | 143       | 116       | 1,2,3-TRICHLOROBENZENE               | 000087-61-6 | 808     | 29       | 14       | 10   | 400     | 4E-02      | 3E+00     |          | 4E-02 | 4E-03 | 194    | 2        | 6        | 8         | 2        | 200     |
| 2         | 115       | 117       | MANGANESE                            | 007439-96-5 | 808     | 857      | 415      | 5000 | 10      | 1E+00      | 1E+03     | 6E-04    | 2E+00 | 3E-04 | 151    | 166      | 265      | 529       | 166      | 232     |
| 1         | 117       | 118       | COAL TARS                            | 008007-45-2 | 807     | 13       | 6        | 1    | 600     |            |           |          |       |       | 0      | 4        | 1        | 3         | 4        | 201     |
| 0         | 119       | 119       | CHRYSOTILE ASBESTOS                  | 012001-29-5 | 807     | 13       | 6        | 1    | 600     |            |           |          |       |       | 0      | 2        | 7        | 2         | 2        | 200     |
| 0         | 119       | 119       | STRONTIUM-90                         | 010098-97-2 | 807     | 13       | 6        | 1    | 600     |            |           |          |       |       | 0      | 2        | 7        | 6         | 2        | 200     |
| 3         | 118       | 121       | PLUTONIUM-239                        | 015117-48-3 | 807     | 11       | 5        | 1    | 600     |            |           |          |       |       | 0      | 7        | 8        | 9         | 7        | 201     |
| 0         | 122       | 122       | POLONIUM-210                         | 013981-52-7 | 806     | 12       | 6        | 1    | 600     |            |           |          |       |       | 0      | 3        | 8        | 3         | 3        | 201     |
| 2         | 121       | 123       | METHYLMERCURY                        | 022967-92-6 | 806     | 10       | 5        | 1    | 600     |            |           |          |       |       | 0      | 8        | 6        | 6         | 8        | 202     |
| 1         | 123       | 124       | PLUTONIUM-238                        | 013981-16-3 | 806     | 12       | 6        | 1    | 600     |            |           |          |       |       | 0      | 1        | 6        | 9         | 1        | 200     |
| 1         | 124       | 125       | LEAD-210                             | 014255-04-0 | 806     | 11       | 5        | 1    | 600     |            |           |          |       |       | 0      | 3        | 5        | 4         | 3        | 201     |
| 1         | 125       | 126       | PLUTONIUM                            | 007440-07-5 | 805     | 10       | 5        | 1    | 600     |            |           |          |       |       | 0      | 2        | 1        | 4         | 2        | 200     |
| 2         | 125       | 127       | CHLOROPYRIFOS                        | 002921-88-2 | 805     | 9        | 4        | 1    | 600     |            |           |          |       |       | 0      | 3        | 2        | 2         | 3        | 201     |
| -5        | 133       | 128       | COPPER                               | 007440-50-8 | 805     | 899      | 436      | 5000 | 10      | 3E-01      | 6E+02     | 8E-04    | 5E-01 | 9E-05 | 128    | 163      | 248      | 532       | 163      | 231     |
| 1         | 128       | 129       | AMERICIUM-241                        | 086954-36-1 | 805     | 9        | 4        | 1    | 600     |            |           |          |       |       | 0      | 1        | 5        | 5         | 1        | 200     |
| 3         | 127       | 130       | RADON-220                            | 022481-48-7 | 805     | 7        | 3        | 1    | 600     |            |           |          |       |       | 0      | 6        | 6        | 2         | 6        | 201     |
| 2         | 129       | 131       | AMOSITE ASBESTOS                     | 012172-73-5 | 804     | 8        | 4        | 1    | 600     |            |           |          |       |       | 0      | 1        | 2        | 1         | 1        | 200     |
| 2         | 130       | 132       | IODINE-131                           | 010043-66-0 | 803     | 6        | 3        | 1    | 600     |            |           |          |       |       | 0      | 3        | 2        |           | 3        | 201     |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                   | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|--|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 1         | 132       | 133       | HYDROGEN CYANIDE                       | 000074-90-8 | 803     | 6        | 3        | 10   | 400     |            |           | 1E+00    | 2E+01 | 2E+00 | 300    |          | 1        | 2         | 1        | 100     |
| 3         | 131       | 134       | TRIBUTYL TIN                           | 000688-73-3 | 803     | 5        | 2        | 1    | 600     |            |           |          |       |       | 0      | 1        | 3        | 5         | 1        | 200     |
| 1         | 134       | 135       | GUTHION                                | 000086-50-0 | 802     | 4        | 2        | 1    | 600     |            |           |          |       |       | 0      | 2        |          | 1         | 2        | 200     |
| 1         | 135       | 136       | NEPTUNIUM-237                          | 013994-20-2 | 802     | 4        | 2        | 1    | 600     |            |           |          |       |       | 0      | 1        | 1        | 4         | 1        | 200     |
| -2        | 139       | 137       | CHRYSENE                               | 000218-01-9 | 802     | 524      | 254      | 100  | 178     | 5E-02      | 1E+01     | 7E-06    | 5E-02 | 5E-04 | 158    | 61       | 143      | 273       | 61       | 212     |
| 2         | 136       | 138       | CHLORDECONE                            | 000143-50-0 | 802     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      | 1        | 2        | 1         | 1        | 200     |
| 2         | 136       | 138       | IODINE-129                             | 015046-84-1 | 802     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      | 1        | 1        | 2         | 1        | 200     |
| 2         | 136       | 138       | PLUTONIUM-240                          | 014119-33-6 | 802     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      | 1        | 1        | 1         | 1        | 200     |
| 1         | 140       | 141       | S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE     | 000078-48-8 | 798     | 4        | 2        | 10   | 400     |            | 2E+02     |          | 4E-02 | 4E-03 | 196    | 1        |          | 1         | 1        | 200     |
| 0         | 142       | 142       | BROMINE                                | 007726-95-6 | 789     | 15       | 7        | 10   | 400     |            |           | 1E-03    | 2E-02 | 2E-03 | 182    | 1        | 2        | 1         | 1        | 200     |
| 2         | 141       | 143       | POLYBROMINATED BIPHENYLS               | 067774-32-7 | 789     | 9        | 4        | 10   | 400     | 9E-03      | 7E+01     |          | 2E-02 | 2E-03 | 185    | 1        |          | 7         | 1        | 200     |
| 0         | 144       | 144       | DICOFOL                                | 000115-32-2 | 788     | 5        | 2        | 10   | 400     |            | 1E+02     |          | 2E-02 | 2E-03 | 185    | 3        | 3        |           | 3        | 201     |
| 0         | 145       | 145       | PARATHION                              | 000056-38-2 | 784     | 20       | 10       | 10   | 400     | 3E-03      | 5E+01     |          | 1E-02 | 1E-03 | 173    | 6        | 5        | 4         | 6        | 201     |
| 0         | 146       | 146       | 1,1,2,2-TETRACHLOROETHANE              | 000079-34-5 | 782     | 327      | 158      | 100  | 178     | 9E-02      | 2E+00     | 4E-01    | 6E+00 | 6E-02 | 241    | 22       | 23       | 74        | 22       | 204     |
| 0         | 147       | 147       | SELENIUM                               | 007782-49-2 | 779     | 506      | 245      | 100  | 178     | 3E-02      | 6E+00     | 3E-05    | 3E-02 | 3E-04 | 150    | 29       | 77       | 155       | 29       | 206     |
| 0         | 148       | 148       | HEXACHLOROCYCLOHEXANE, TECH GRADE      | 000608-73-1 | 775     | 43       | 21       | 10   | 400     | 3E-03      | 5E+00     |          | 4E-03 | 4E-04 | 153    | 3        | 3        | 10        | 3        | 201     |
| 0         | 149       | 149       | TRICHLOROFLUOROETHANE                  | 027154-33-2 | 771     | 6        | 3        | 10   | 400     | 9E-03      |           |          | 9E-03 | 9E-04 | 168    | 1        | 1        | 1         | 1        | 200     |
| 0         | 150       | 150       | TRIFLURALIN                            | 001582-09-8 | 770     | 8        | 4        | 10   | 400     |            | 4E+01     |          | 8E-03 | 8E-04 | 165    | 4        | 5        | 3         | 4        | 201     |
| 0         | 151       | 151       | DDD, O,P'                              | 000053-19-0 | 769     | 5        | 2        | 10   | 400     | 2E+00      | 6E+01     |          | 2E+00 | 2E-01 | 266    |          | 2        | 5         | 2        | 100     |
| 0         | 152       | 152       | 4,4'-METHYLENEBIS(2-CHLOROANILINE)     | 000101-14-4 | 767     | 4        | 2        | 10   | 400     |            | 4E+01     |          | 8E-03 | 8E-04 | 165    | 1        |          | 3         | 1        | 200     |
| 0         | 153       | 153       | HEXACHLORODIBENZO-P-DIOXIN             | 034465-46-8 | 760     | 47       | 23       | 10   | 400     | 2E-03      | 2E-02     |          | 2E-03 | 2E-04 | 137    | 2        | 7        | 21        | 2        | 200     |
| 0         | 154       | 154       | HEPTACHLORODIBENZO-P-DIOXIN            | 037871-00-4 | 754     | 53       | 26       | 10   | 400     | 1E-03      | 2E-02     |          | 1E-03 | 1E-04 | 128    | 2        | 8        | 30        | 2        | 200     |
| 0         | 155       | 155       | PENTACHLOROBENZENE                     | 000608-93-5 | 754     | 13       | 6        | 10   | 400     |            | 1E+01     |          | 3E-03 | 3E-04 | 147    | 2        | 3        | 7         | 2        | 200     |
| -45       | 201       | 156       | 1,3-BUTADIENE                          | 000106-99-0 | 747     | 12       | 6        | 10   | 400     |            |           | 1E-04    | 2E-03 | 2E-04 | 141    | 1        | 2        | 3         | 1        | 200     |
| 1         | 156       | 157       | AMMONIA                                | 007664-41-7 | 746     | 137      | 66       | 100  | 178     | 7E+00      | 4E+01     | 1E+01    | 2E+02 | 2E+00 | 300    | 6        | 10       | 41        | 6        | 201     |
| 1         | 157       | 158       | 2-METHYLNAPHTHALENE                    | 000091-57-6 | 743     | 405      | 196      | 100  | 178     | 6E-02      | 2E+01     | 8E-04    | 7E-02 | 7E-04 | 163    | 30       | 85       | 160       | 30       | 206     |
| 0         | 159       | 159       | 1,4-DICHLOROBENZENE                    | 000106-46-7 | 737     | 328      | 159      | 100  | 178     | 3E-02      | 5E+00     | 3E-02    | 5E-01 | 5E-03 | 197    | 16       | 38       | 104       | 16       | 203     |
| 2         | 158       | 160       | 1,1-DICHLOROETHANE                     | 000075-34-3 | 736     | 672      | 326      | 1000 | 53      | 4E-02      | 4E-01     | 1E-02    | 2E-01 | 2E-04 | 140    | 92       | 125      | 332       | 92       | 218     |
| 1         | 160       | 161       | ACENAPHTHENE                           | 000083-32-9 | 731     | 313      | 152      | 100  | 178     | 5E-01      | 4E+01     | 3E-04    | 6E-01 | 6E-03 | 200    | 10       | 39       | 114       | 10       | 202     |
| 1         | 161       | 162       | 1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN | 039001-02-0 | 726     | 47       | 23       | 10   | 400     | 2E-04      | 5E-02     |          | 2E-04 | 2E-05 | 103    | 2        | 9        | 27        | 2        | 200     |
| 1         | 162       | 163       | 1,1,2-TRICHLOROETHANE                  | 000079-00-5 | 725     | 271      | 131      | 100  | 178     | 8E-02      | 2E+00     | 7E-02    | 1E+00 | 1E-02 | 211    | 24       | 30       | 78        | 24       | 205     |
| 1         | 163       | 164       | TRICHLOROETHANE                        | 025323-89-1 | 723     | 294      | 142      | 100  | 178     | 6E-02      | 6E+00     | 3E-02    | 5E-01 | 5E-03 | 199    | 18       | 30       | 67        | 18       | 203     |
| 1         | 164       | 165       | HEXACHLOROCYCLOPENTADIENE              | 000077-47-4 | 719     | 33       | 16       | 10   | 400     |            | 3E+02     |          | 7E-02 | 7E-03 | 203    |          | 2        | 7         | 2        | 100     |
| 1         | 165       | 166       | HEPTACHLORODIBENZOFURAN                | 038998-75-3 | 719     | 45       | 22       | 10   | 400     | 2E-04      | 4E-02     |          | 2E-04 | 2E-05 | 97     | 1        | 6        | 26        | 1        | 200     |
| 1         | 166       | 167       | 1,2-DIPHENYLHYDRAZINE                  | 000122-66-7 | 714     | 27       | 13       | 10   | 400     |            | 1E+00     |          | 2E-04 | 2E-05 | 100    | 2        | 3        | 2         | 2        | 200     |
| 1         | 167       | 168       | 2,3,4,7,8-PENTACHLORODIBENZOFURAN      | 057117-31-4 | 711     | 11       | 5        | 1    | 600     |            | 4E-04     |          | 9E-08 | 9E-08 | 5      |          | 3        | 4         | 3        | 100     |
| 1         | 168       | 169       | TETRACHLOROBIPHENYL                    | 026914-33-0 | 709     | 5        | 2        | 1    | 600     |            |           | 2E-06    | 3E-05 | 3E-05 | 106    |          |          | 1         | 1        | 1       |
| 1         | 169       | 170       | CRESOL, PARA-                          | 000106-44-5 | 708     | 308      | 149      | 100  | 178     | 2E-01      | 7E+00     |          | 2E-01 | 2E-03 | 179    | 9        | 28       | 100       | 9        | 202     |
| 1         | 170       | 171       | OXYCHLORDANE                           | 027304-13-8 | 706     | 12       | 6        | 1    | 600     |            |           |          |       |       | 0      |          | 3        | 2         | 3        | 100     |
| 1         | 171       | 172       | 1,2-DICHLOROBENZENE                    | 000095-50-1 | 705     | 279      | 135      | 100  | 178     | 1E-01      | 2E+01     | 1E-02    | 3E-01 | 3E-03 | 190    | 11       | 20       | 81        | 11       | 202     |
| -5        | 178       | 173       | 1,2-DICHLOROETHENE, TRANS-             | 000156-60-5 | 704     | 599      | 290      | 1000 | 53      | 2E-01      | 1E+00     | 8E-03    | 3E-01 | 3E-04 | 149    | 62       | 82       | 292       | 62       | 212     |
| -6        | 180       | 174       | INDENO(1,2,3-CD)PYRENE                 | 000193-39-5 | 703     | 378      | 183      | 100  | 178     | 1E-02      | 7E+00     | 8E-06    | 1E-02 | 1E-04 | 132    | 51       | 114      | 167       | 51       | 210     |
| 3         | 172       | 175       | GAMMA-CHLORDENE                        | 056641-38-4 | 703     | 5        | 2        | 1    | 600     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 2         | 174       | 176       | CARBON DISULFIDE                       | 000075-15-0 | 703     | 252      | 122      | 100  | 178     | 6E-02      | 4E-02     | 3E-02    | 6E-01 | 6E-03 | 201    | 10       | 25       | 55        | 10       | 202     |

Rank Diff = 2005 Rank - 2007 Rank; CAS = Chemical Abstracts Service Registry Number; Tot Pts = Total Points; NPL Freq = National Priorities List frequency; Freq Pts = Frequency points; Tox = Reportable Quantity or Toxicity/Environmental Score; Tox Pts = Toxicity Points; GMMC = Geometric Mean Maximum Concentration for water(mg/l), soil(mg/kg) & air(mg/m<sup>3</sup>); TDD = Theoretical Daily Dose; SC = Source Contribution; SC Pts = Source Contribution Points; Exp to C = Exposure to Contaminant; Exp to M = Exposure to Media; Pexp to M = Potential Exposure to Media; Exp Used = Exposure Datum used to determine Exposure Points; Exp Pts = Exposure Points.

## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                            | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|---------------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 4         | 173       | 177       | TETRACHLOROPHENOL               | 025167-83-3 | 703     | 15       | 7        | 10   | 400     | 3E-02      | 9E+01     |          | 4E-02 | 4E-03 | 195    |          | 1        | 4         | 1        | 100     |
| 3         | 175       | 178       | AMERICIUM                       | 007440-35-9 | 702     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| 3         | 175       | 178       | URANIUM-233                     | 013968-55-3 | 702     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 3         | 177       | 180       | PALLADIUM                       | 007440-05-3 | 701     | 4        | 2        | 10   | 400     |            |           | 1E-05    | 2E-04 | 2E-05 | 99     | 1        | 2        |           | 1        | 200     |
| 2         | 179       | 181       | HEXACHLORODIBENZOFURAN          | 055684-94-1 | 701     | 39       | 19       | 10   | 400     | 6E-05      | 3E-02     |          | 7E-05 | 7E-06 | 81     | 1        | 3        | 19        | 1        | 200     |
| -1        | 183       | 182       | PHENOL                          | 000108-95-2 | 697     | 587      | 284      | 1000 | 53      | 3E-01      | 2E+01     | 1E-02    | 5E-01 | 5E-04 | 156    | 16       | 42       | 178       | 16       | 203     |
| 1         | 182       | 183       | CHLOROETHANE                    | 000075-00-3 | 694     | 325      | 158      | 100  | 178     | 3E-02      | 5E-02     | 1E-03    | 5E-02 | 5E-04 | 157    | 9        | 27       | 86        | 9        | 202     |
| 3         | 181       | 184       | ACETONE                         | 000067-64-1 | 693     | 669      | 324      | 5000 | 10      | 4E-01      | 3E+00     | 1E-01    | 2E+00 | 4E-04 | 154    | 24       | 77       | 256       | 24       | 205     |
| 0         | 185       | 185       | P-XYLENE                        | 000106-42-3 | 690     | 128      | 62       | 100  | 178     | 2E-02      |           | 6E-01    | 1E+01 | 1E-01 | 250    | 1        | 1        | 5         | 1        | 200     |
| -1        | 187       | 186       | DIBENZOFURAN                    | 000132-64-9 | 689     | 279      | 135      | 100  | 178     | 1E-01      | 9E+00     | 5E-05    | 1E-01 | 1E-03 | 171    | 27       | 63       | 108       | 27       | 205     |
| 1         | 186       | 187       | ALUMINUM                        | 007429-90-5 | 688     | 587      | 284      | 5000 | 10      | 5E+00      | 1E+04     | 1E-01    | 9E+00 | 2E-03 | 180    | 70       | 129      | 251       | 70       | 213     |
| -1        | 189       | 188       | 2,4-DIMETHYLPHENOL              | 000105-67-9 | 686     | 244      | 118      | 100  | 178     | 3E-01      | 9E+00     |          | 3E-01 | 3E-03 | 188    | 8        | 22       | 56        | 8        | 202     |
| 1         | 188       | 189       | CARBON MONOXIDE                 | 000630-08-0 | 684     | 13       | 6        | 100  | 178     |            |           | 1E+01    | 2E+02 | 2E+00 | 300    | 1        | 2        | 2         | 1        | 200     |
| 0         | 190       | 190       | TETRACHLOROETHANE               | 025322-20-7 | 678     | 52       | 25       | 100  | 178     | 9E-02      | 4E+00     | 2E+00    | 4E+01 | 4E-01 | 274    | 4        | 5        | 18        | 4        | 201     |
| -2        | 193       | 191       | HYDROGEN SULFIDE                | 007783-06-4 | 677     | 34       | 16       | 100  | 178     |            |           | 4E+00    | 6E+01 | 6E-01 | 281    | 4        | 5        | 9         | 4        | 201     |
| 0         | 192       | 192       | PENTACHLORODIBENZOFURAN         | 030402-15-4 | 673     | 40       | 19       | 10   | 400     | 1E-05      | 4E-03     |          | 1E-05 | 1E-06 | 54     | 1        | 5        | 16        | 1        | 200     |
| 2         | 191       | 193       | CHLOROMETHANE                   | 000074-87-3 | 670     | 240      | 116      | 100  | 178     | 2E-02      | 5E-02     | 7E-03    | 1E-01 | 1E-03 | 173    | 15       | 27       | 41        | 15       | 203     |
| 0         | 194       | 194       | BIS(2-METHOXYETHYL) PHTHALATE   | 034006-76-3 | 666     | 4        | 2        | 10   | 400     | 7E-03      |           |          | 7E-03 | 7E-04 | 164    |          | 2        | 2         | 2        | 100     |
| 0         | 195       | 195       | BUTYL BENZYL PHTHALATE          | 000085-68-7 | 659     | 296      | 143      | 100  | 178     | 1E-02      | 2E+00     |          | 2E-02 | 2E-04 | 136    | 8        | 22       | 66        | 8        | 202     |
| 0         | 196       | 196       | CRESOL, ORTHO-                  | 000095-48-7 | 659     | 210      | 102      | 100  | 178     | 2E-01      | 7E+00     |          | 2E-01 | 2E-03 | 178    | 3        | 16       | 35        | 3        | 201     |
| -2        | 199       | 197       | HEXACHLOROETHANE                | 000067-72-1 | 653     | 49       | 24       | 100  | 178     | 2E-01      | 3E+01     | 7E-01    | 1E+01 | 1E-01 | 251    | 3        | 5        | 11        | 3        | 201     |
| 0         | 198       | 198       | VANADIUM                        | 007440-62-2 | 652     | 522      | 253      | 1000 | 53      | 1E-01      | 7E+01     | 3E-04    | 1E-01 | 1E-04 | 132    | 74       | 157      | 240       | 74       | 214     |
| -1        | 200       | 199       | N-NITROSODIMETHYLAMINE          | 000062-75-9 | 651     | 34       | 16       | 10   | 400     | 4E-01      |           |          | 4E-01 | 4E-02 | 233    |          |          | 5         | 5        | 1       |
| -3        | 203       | 200       | 1,2,4-TRICHLOROBENZENE          | 000120-82-1 | 647     | 186      | 90       | 100  | 178     | 6E-02      | 5E+01     | 6E-03    | 2E-01 | 2E-03 | 178    | 8        | 24       | 49        | 8        | 202     |
| -1        | 202       | 201       | BROMOFORM                       | 000075-25-2 | 644     | 136      | 66       | 100  | 178     | 2E-02      | 7E-02     | 3E-02    | 5E-01 | 5E-03 | 198    | 11       | 15       | 22        | 11       | 202     |
| -2        | 204       | 202       | TETRACHLORODIBENZO-P-DIOXIN     | 041903-57-5 | 636     | 44       | 21       | 10   | 400     |            | 7E-03     |          | 2E-06 | 1E-07 | 14     | 2        | 2        | 18        | 2        | 200     |
| -2        | 205       | 203       | 1,3-DICHLOROBENZENE             | 000541-73-1 | 631     | 174      | 84       | 100  | 178     | 3E-02      | 6E+00     | 4E-03    | 9E-02 | 9E-04 | 168    | 7        | 22       | 29        | 7        | 201     |
| -3        | 207       | 204       | PENTACHLORODIBENZO-P-DIOXIN     | 036088-22-9 | 625     | 36       | 17       | 10   | 400     |            | 5E-03     |          | 1E-06 | 1E-07 | 7      | 3        | 7        | 12        | 3        | 201     |
| -3        | 208       | 205       | N-NITROSODIPHENYLAMINE          | 000086-30-6 | 625     | 204      | 99       | 100  | 178     | 3E-02      | 3E+00     |          | 3E-02 | 3E-04 | 147    | 5        | 15       | 42        | 5        | 201     |
| 0         | 206       | 206       | 1,2-DICHLOROETHYLENE            | 000540-59-0 | 622     | 444      | 215      | 1000 | 53      | 1E-01      | 9E-01     | 8E-03    | 2E-01 | 2E-04 | 145    | 50       | 71       | 203       | 50       | 210     |
| -3        | 210       | 207       | 2,3,7,8-TETRACHLORODIBENZOFURAN | 051207-31-9 | 622     | 39       | 19       | 10   | 400     | 6E-07      | 8E-04     |          | 8E-07 | 8E-08 | 2      | 4        | 8        | 18        | 4        | 201     |
| -1        | 209       | 208       | 2-BUTANONE                      | 000078-93-3 | 620     | 533      | 258      | 5000 | 10      | 5E-01      | 2E+00     | 6E-02    | 1E+00 | 3E-04 | 147    | 26       | 69       | 216       | 26       | 205     |
| -3        | 212       | 209       | 2,4-DICHLOROPHENOL              | 000120-83-2 | 616     | 82       | 40       | 100  | 178     | 5E-01      | 3E+01     |          | 5E-01 | 5E-03 | 198    | 3        | 6        | 16        | 3        | 201     |
| -5        | 215       | 210       | 1,4-DIOXANE                     | 000123-91-1 | 616     | 27       | 13       | 100  | 178     | 7E-02      |           | 1E-01    | 2E+00 | 2E-02 | 224    | 5        | 1        | 8         | 5        | 201     |
| -3        | 214       | 211       | FLUORINE                        | 007782-41-4 | 613     | 27       | 13       | 10   | 400     |            |           |          |       |       | 0      | 1        |          | 5         | 1        | 200     |
| -4        | 216       | 212       | NITRITE                         | 014797-65-0 | 613     | 15       | 7        | 100  | 178     | 3E+00      |           |          | 3E+00 | 3E-02 | 227    | 1        | 1        | 5         | 1        | 200     |
| -4        | 217       | 213       | CESIUM-137                      | 010045-97-3 | 613     | 25       | 12       | 10   | 400     |            |           |          |       |       | 0      | 2        | 10       | 15        | 2        | 200     |
| 1         | 213       | 214       | SILVER                          | 007440-22-4 | 612     | 508      | 246      | 1000 | 53      | 3E-02      | 1E+01     | 3E-05    | 3E-02 | 3E-05 | 106    | 35       | 82       | 131       | 35       | 207     |
| -3        | 218       | 215       | CHROMIUM TRIOXIDE               | 007738-94-5 | 611     | 22       | 11       | 10   | 400     |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |
| -3        | 219       | 216       | NITRATE                         | 014797-55-8 | 611     | 276      | 134      | 1000 | 53      | 2E+01      | 2E+02     |          | 2E+01 | 2E-02 | 219    | 28       | 38       | 90        | 28       | 205     |
| -3        | 220       | 217       | POTASSIUM-40                    | 013966-00-2 | 609     | 18       | 9        | 10   | 400     |            |           |          |       |       | 0      | 1        | 7        | 10        | 1        | 200     |
| -3        | 221       | 218       | DINITROTOLUENE                  | 025321-14-6 | 608     | 15       | 7        | 10   | 400     |            |           |          |       |       | 0      | 2        |          | 2         | 2        | 200     |
| -3        | 222       | 219       | ANTIMONY                        | 007440-36-0 | 605     | 560      | 271      | 5000 | 10      | 9E-02      | 7E+01     | 2E-04    | 1E-01 | 2E-05 | 101    | 120      | 158      | 244       | 120      | 223     |
| -4        | 224       | 220       | COAL TAR PITCH                  | 065996-93-2 | 605     | 11       | 5        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                      | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |     |
|-----------|-----------|-----------|---|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|-----|
| -2        | 223       | 221       | THORIUM-227                               | 015623-47-9 | 605     | 9        | 4        | 10   | 400     |            |           |          |       |       |        | 0        | 5        | 12        | 1        | 5       | 201 |
| -3        | 225       | 222       | 2,4,5-TRICHLOROPHENOL                     | 000095-95-4 | 605     | 47       | 23       | 10   | 400     |            | 3E-01     |          | 7E-05 | 7E-06 | 81     |          | 4        | 7         | 4        | 101     |     |
| -3        | 226       | 223       | ARSENIC ACID                              | 007778-39-4 | 604     | 7        | 3        | 1    | 600     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |     |
| -3        | 227       | 224       | ARSENIC TRIOXIDE                          | 001327-53-3 | 604     | 9        | 4        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |     |
| -3        | 228       | 225       | PHORATE                                   | 000298-02-2 | 603     | 6        | 3        | 10   | 400     |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |     |
| -4        | 230       | 226       | BENZOPYRENE                               | 073467-76-2 | 603     | 4        | 2        | 1    | 600     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |     |
| -2        | 229       | 227       | CRESOLS                                   | 001319-77-3 | 603     | 69       | 33       | 100  | 178     | 3E-01      | 2E+01     |          | 3E-01 | 3E-03 | 191    | 3        | 11       | 8         | 3        | 201     |     |
| -3        | 231       | 228       | CHLORDANE, TECHNICAL                      | 012789-03-6 | 603     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          | 3         | 3        | 1       |     |
| -3        | 232       | 229       | DIMETHOATE                                | 000060-51-5 | 603     | 5        | 2        | 10   | 400     |            |           |          |       |       | 0      | 1        |          |           | 1        | 200     |     |
| -3        | 233       | 230       | ACTINIUM-227                              | 014952-40-0 | 603     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |     |
| -3        | 233       | 230       | STROBANE                                  | 008001-50-1 | 603     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |     |
| -3        | 235       | 232       | 4-AMINOBIIPHENYL                          | 000092-67-1 | 603     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |     |
| -3        | 235       | 232       | PYRETHRUM                                 | 008003-34-7 | 603     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |     |
| -3        | 237       | 234       | ARSINE                                    | 007784-42-1 | 602     | 5        | 2        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |     |
| -3        | 238       | 235       | NALED                                     | 000300-76-5 | 602     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      | 2        | 2        |           | 2        | 200     |     |
| -3        | 239       | 236       | DIBENZOFURANS, CHLORINATED                | 042934-53-2 | 602     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |     |
| -3        | 239       | 236       | ETHOPROP                                  | 013194-48-4 | 602     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      | 1        | 1        | 1         | 1        | 200     |     |
| -3        | 241       | 238       | ALPHA-CHLORDENE                           | 056534-02-2 | 602     | 4        | 2        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |     |
| -3        | 241       | 238       | CARBOPHENOTHION                           | 000786-19-6 | 602     | 4        | 2        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |     |
| -3        | 243       | 240       | DICHLORVOS                                | 000062-73-7 | 602     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |     |
| -3        | 244       | 241       | CALCIUM ARSENATE                          | 007778-44-1 | 601     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |     |
| -3        | 244       | 241       | MERCURIC CHLORIDE                         | 007487-94-7 | 601     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |     |
| -3        | 244       | 241       | SODIUM ARSENITE                           | 007784-46-5 | 601     | 3        | 1        | 1    | 600     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |     |
| -3        | 247       | 244       | FORMALDEHYDE                              | 000050-00-0 | 600     | 28       | 14       | 100  | 178     | 6E-01      |           | 2E-02    | 9E-01 | 9E-03 | 208    | 2        | 3        | 6         | 2        | 200     |     |
| -3        | 248       | 245       | 2-CHLOROPHENOL                            | 000095-57-8 | 600     | 98       | 48       | 100  | 178     | 1E-01      | 7E+00     |          | 1E-01 | 1E-03 | 174    | 1        | 3        | 15        | 1        | 200     |     |
| -3        | 249       | 246       | PHENANTHRENE                              | 000085-01-8 | 598     | 561      | 272      | 5000 | 10      | 1E-01      | 2E+01     | 4E-04    | 1E-01 | 3E-05 | 106    | 50       | 131      | 286       | 50       | 210     |     |
| -3        | 250       | 247       | HYDROGEN FLUORIDE                         | 007664-39-3 | 588     | 23       | 11       | 100  | 178     |            |           | 3E-02    | 5E-01 | 5E-03 | 198    | 5        |          | 2         | 5        | 201     |     |
| -3        | 251       | 248       | 2,4-D ACID                                | 000094-75-7 | 584     | 46       | 22       | 100  | 178     | 2E-01      | 3E+00     |          | 2E-01 | 2E-03 | 184    | 2        | 4        | 20        | 2        | 200     |     |
| -3        | 252       | 249       | DIBROMOCHLOROMETHANE                      | 000124-48-1 | 581     | 166      | 80       | 100  | 178     | 6E-03      | 9E-02     |          | 6E-03 | 6E-05 | 119    | 16       | 17       | 28        | 16       | 203     |     |
| -3        | 253       | 250       | DIURON                                    | 000330-54-1 | 579     | 4        | 2        | 100  | 178     | 5E-01      |           |          | 5E-01 | 5E-03 | 199    | 1        | 1        | 2         | 1        | 200     |     |
| -3        | 254       | 251       | BUTYLATE                                  | 002008-41-5 | 578     | 5        | 2        | 100  | 178     |            | 3E+03     |          | 5E-01 | 5E-03 | 198    | 1        | 1        | 2         | 1        | 200     |     |
| -3        | 255       | 252       | DIMETHYL FORMAMIDE                        | 000068-12-2 | 578     | 16       | 8        | 100  | 178     | 2E+00      |           | 7E+00    | 1E+02 | 1E+00 | 292    |          | 1        | 5         | 1        | 100     |     |
| -3        | 256       | 253       | PYRENE                                    | 000129-00-0 | 578     | 531      | 257      | 5000 | 10      | 1E-01      | 2E+01     | 4E-05    | 1E-01 | 3E-05 | 105    | 27       | 77       | 228       | 27       | 205     |     |
| 43        | 211       | 254       | DICHLOROBENZENE                           | 025321-22-6 | 578     | 96       | 47       | 100  | 178     | 3E-02      | 3E+01     |          | 4E-02 | 4E-04 | 151    | 10       | 11       | 26        | 10       | 202     |     |
| -2        | 257       | 255       | ETHYL ETHER                               | 000060-29-7 | 572     | 48       | 23       | 100  | 178     | 1E-01      | 2E-02     |          | 1E-01 | 1E-03 | 171    | 1        | 5        | 15        | 1        | 200     |     |
| -2        | 258       | 256       | DICHLOROETHANE                            | 001300-21-6 | 570     | 69       | 33       | 100  | 178     | 5E-02      | 6E-01     |          | 5E-02 | 5E-04 | 158    | 5        | 4        | 20        | 5        | 201     |     |
| -2        | 259       | 257       | 4-NITROPHENOL                             | 000100-02-7 | 568     | 110      | 53       | 100  | 178     | 1E-02      | 5E+00     |          | 2E-02 | 2E-04 | 136    | 2        | 4        | 26        | 2        | 200     |     |
| 74        | 184       | 258       | 1,3-DICHLOROPROPENE, CIS-                 | 010061-01-5 | 562     | 67       | 32       | 100  | 178     | 3E-02      | 2E-02     |          | 3E-02 | 3E-04 | 151    | 3        | 2        | 7         | 3        | 201     |     |
| -1        | 260       | 259       | PHOSPHINE                                 | 007803-51-2 | 560     | 5        | 2        | 100  | 178     |            |           | 3E+00    | 5E+01 | 5E-01 | 279    |          | 1        |           | 1        | 100     |     |
| -1        | 261       | 260       | TRICHLOROBENZENE                          | 012002-48-1 | 558     | 40       | 19       | 100  | 178     |            | 3E+02     |          | 6E-02 | 6E-04 | 160    | 2        | 4        | 10        | 2        | 200     |     |
| -1        | 262       | 261       | 2,6-DINITROTOLUENE                        | 000606-20-2 | 555     | 57       | 28       | 100  | 178     | 1E-02      | 1E+02     |          | 3E-02 | 3E-04 | 149    | 3        | 5        | 22        | 3        | 201     |     |
| -1        | 263       | 262       | FLUORIDE ION                              | 016984-48-8 | 550     | 160      | 78       | 1000 | 53      | 8E+00      | 3E+04     | 1E-02    | 1E+01 | 1E-02 | 216    | 17       | 26       | 39        | 17       | 203     |     |
| -1        | 264       | 263       | 1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN | 035822-46-9 | 548     | 19       | 9        | 10   | 400     |            | 3E-02     |          | 6E-06 | 6E-07 | 38     |          | 6        | 5         | 6        | 101     |     |
| -1        | 265       | 264       | METHYL PARATHION                          | 000298-00-0 | 546     | 17       | 8        | 100  | 178     | 1E-02      | 2E+02     |          | 5E-02 | 5E-04 | 159    | 4        | 5        | 3         | 4        | 201     |     |

Rank Diff = 2005 Rank - 2007 Rank; CAS = Chemical Abstracts Service Registry Number; Tot Pts = Total Points; NPL Freq = National Priorities List frequency; Freq Pts = Frequency points; Tox = Reportable Quantity or Toxicity/Environmental Score; Tox Pts = Toxicity Points; GMMC = Geometric Mean Maximum Concentration for water(mg/l), soil(mg/kg) & air(mg/m<sup>3</sup>); TDD = Theoretical Daily Dose; SC = Source Contribution; SC Pts = Source Contribution Points; Exp to C = Exposure to Contaminant; Exp to M = Exposure to Media; PExp to M = Potential Exposure to Media; Exp Used = Exposure Datum used to determine Exposure Points; Exp Pts = Exposure Points.

## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                   | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|--|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| -1        | 266       | 265       | PENTAERYTHRITOL TETRANITRATE           | 000078-11-5 | 546     | 6        | 3        | 10   | 400     |            | 1E+01     |          | 2E-03 | 2E-04 | 142    |          |          | 3         | 3        | 1       |
| -1        | 267       | 266       | 1,3-DICHLOROPROPENE, TRANS-            | 010061-02-6 | 543     | 61       | 30       | 100  | 178     | 8E-03      | 4E-02     | 4E-04    | 1E-02 | 1E-04 | 135    | 4        | 4        | 8         | 4        | 201     |
| -1        | 268       | 267       | BIS(2-ETHYLHEXYL)ADIPATE               | 000103-23-1 | 540     | 12       | 6        | 100  | 178     | 5E-02      |           |          | 5E-02 | 5E-04 | 156    | 1        | 3        | 2         | 1        | 200     |
| -1        | 269       | 268       | CARBAZOLE                              | 000086-74-8 | 535     | 61       | 30       | 100  | 178     | 7E-03      | 4E+00     |          | 8E-03 | 8E-05 | 124    | 14       | 37       | 35        | 14       | 203     |
| -2        | 271       | 269       | METHYL ISOBUTYL KETONE                 | 000108-10-1 | 533     | 384      | 186      | 5000 | 10      | 2E-01      | 2E+00     | 3E-02    | 7E-01 | 1E-04 | 134    | 17       | 33       | 103       | 17       | 203     |
| 0         | 270       | 270       | 1,2-DICHLOROETHENE, CIS-               | 000156-59-2 | 533     | 265      | 128      | 1000 | 53      | 5E-02      | 9E-01     | 1E-02    | 2E-01 | 2E-04 | 143    | 45       | 74       | 91        | 45       | 209     |
| -1        | 272       | 271       | STYRENE                                | 000100-42-5 | 533     | 254      | 123      | 1000 | 53      | 5E-02      | 7E+00     | 2E-02    | 4E-01 | 4E-04 | 154    | 12       | 31       | 64        | 12       | 202     |
| -1        | 273       | 272       | CARBARYL                               | 000063-25-2 | 531     | 8        | 4        | 100  | 178     |            | 2E+02     |          | 3E-02 | 3E-04 | 149    | 3        | 3        | 2         | 3        | 201     |
| -1        | 274       | 273       | 1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN  | 067562-39-4 | 529     | 15       | 7        | 10   | 400     | 3E-08      | 1E-02     |          | 2E-06 | 2E-07 | 21     |          | 5        | 4         | 5        | 101     |
| -1        | 275       | 274       | ACRYLONITRILE                          | 000107-13-1 | 528     | 26       | 13       | 100  | 178     |            |           | 1E-03    | 2E-02 | 2E-04 | 137    | 3        | 4        | 1         | 3        | 201     |
| -1        | 276       | 275       | 1-METHYLNAPHTHALENE                    | 000090-12-0 | 527     | 35       | 17       | 100  | 178     | 1E-05      | 6E+01     |          | 1E-02 | 1E-04 | 131    | 2        | 2        | 9         | 2        | 200     |
| -1        | 277       | 276       | MALATHION                              | 000121-75-5 | 526     | 23       | 11       | 100  | 178     | 3E-03      | 6E+01     |          | 1E-02 | 1E-04 | 136    | 6        | 8        | 2         | 6        | 201     |
| -2        | 279       | 277       | DIBENZOTHIOPHENE                       | 000132-65-0 | 524     | 9        | 4        | 10   | 400     | 9E-06      | 3E+00     |          | 5E-04 | 5E-05 | 118    |          |          | 5         | 5        | 1       |
| -2        | 280       | 278       | DICHLOROETHYLENE                       | 025323-30-2 | 522     | 114      | 55       | 1000 | 53      | 9E-02      | 1E+00     | 7E-01    | 1E+01 | 1E-02 | 211    | 17       | 17       | 31        | 17       | 203     |
| -2        | 281       | 279       | 1,2,3,7,8,9-HEXACHLORODIBENZOFURAN     | 072918-21-9 | 522     | 8        | 4        | 10   | 400     |            | 9E-03     |          | 2E-06 | 2E-07 | 18     |          | 3        | 2         | 3        | 100     |
| -2        | 282       | 280       | METOLACHLOR                            | 051218-45-2 | 521     | 3        | 1        | 100  | 178     | 1E-02      | 4E+01     |          | 2E-02 | 2E-04 | 141    | 1        | 1        | 5         | 1        | 200     |
| -2        | 283       | 281       | THALLIUM                               | 007440-28-0 | 518     | 331      | 160      | 1000 | 53      | 1E-02      | 7E+00     | 4E-05    | 1E-02 | 1E-05 | 95     | 52       | 91       | 121       | 52       | 210     |
| -2        | 284       | 282       | DIMETHYLANILINE                        | 000121-69-7 | 518     | 8        | 4        | 100  | 178     | 1E-02      | 1E+01     |          | 1E-02 | 1E-04 | 136    | 2        | 2        | 4         | 2        | 200     |
| -3        | 286       | 283       | 1,2-DICHLOROPROPANE                    | 000078-87-5 | 517     | 231      | 112      | 1000 | 53      | 3E-02      | 1E+00     | 2E-02    | 3E-01 | 3E-04 | 149    | 20       | 26       | 58        | 20       | 204     |
| 6         | 278       | 284       | 1,3-DINITROBENZENE                     | 000099-65-0 | 517     | 18       | 9        | 100  | 178     | 1E-02      | 5E-01     |          | 1E-02 | 1E-04 | 130    | 2        | 6        | 11        | 2        | 200     |
| 0         | 285       | 285       | TETRACHLORODIBENZOFURAN                | 030402-14-3 | 517     | 33       | 16       | 10   | 400     | 3E-07      | 7E-04     |          | 4E-07 | 4E-08 | 0      |          | 5        | 10        | 5        | 101     |
| -1        | 287       | 286       | OCTACHLORODIBENZO-P-DIOXIN             | 003268-87-9 | 514     | 67       | 32       | 100  | 178     | 2E-03      | 2E-01     |          | 2E-03 | 2E-05 | 103    | 3        | 16       | 39        | 3        | 201     |
| -1        | 288       | 287       | FLUORENE                               | 000086-73-7 | 514     | 350      | 170      | 5000 | 10      | 6E-01      | 3E+01     | 9E-05    | 6E-01 | 1E-04 | 131    | 17       | 50       | 136       | 17       | 203     |
| -1        | 289       | 288       | 1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN | 057653-85-7 | 510     | 11       | 5        | 10   | 400     |            | 4E-03     |          | 8E-07 | 8E-08 | 4      |          | 4        | 3         | 4        | 101     |
| -1        | 290       | 289       | NONACHLOR, TRANS-                      | 039765-80-5 | 508     | 16       | 8        | 10   | 400     |            |           |          |       |       | 0      |          | 2        | 3         | 2        | 100     |
| -1        | 291       | 290       | 1,2,3,6,7,8-HEXACHLORODIBENZOFURAN     | 057117-44-9 | 506     | 10       | 5        | 10   | 400     |            | 1E-03     |          | 2E-07 | 2E-08 | 0      |          | 5        | 2         | 5        | 101     |
| -1        | 292       | 291       | 1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN | 039227-28-6 | 506     | 10       | 5        | 10   | 400     |            | 1E-03     |          | 2E-07 | 2E-08 | 0      |          | 4        | 2         | 4        | 101     |
| -1        | 292       | 291       | 1,2,3,4,7,8-HEXACHLORODIBENZOFURAN     | 070648-26-9 | 506     | 10       | 5        | 10   | 400     |            | 1E-03     |          | 2E-07 | 2E-08 | 0      |          | 4        | 2         | 4        | 101     |
| -1        | 294       | 293       | 1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN | 019408-74-3 | 505     | 10       | 5        | 10   | 400     |            | 3E-03     |          | 6E-07 | 6E-08 | 0      |          | 3        | 2         | 3        | 100     |
| -1        | 295       | 294       | 1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN  | 040321-76-4 | 505     | 10       | 5        | 10   | 400     |            | 3E-04     |          | 6E-08 | 6E-09 | 0      |          | 2        | 5         | 2        | 100     |
| -1        | 296       | 295       | NONACHLOR, CIS-                        | 005103-73-1 | 505     | 9        | 4        | 10   | 400     |            |           |          |       |       | 0      |          | 2        | 1         | 2        | 100     |
| -1        | 297       | 296       | 2,3,4,6,7,8-HEXACHLORODIBENZOFURAN     | 060851-34-5 | 504     | 8        | 4        | 10   | 400     |            | 1E-03     |          | 3E-07 | 3E-08 | 0      |          | 2        | 2         | 2        | 100     |
| -1        | 298       | 297       | PICRIC ACID                            | 000088-89-1 | 504     | 7        | 3        | 10   | 400     |            |           |          |       |       | 0      |          | 4        | 1         | 4        | 101     |
| -1        | 299       | 298       | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID    | 000094-82-6 | 504     | 7        | 3        | 10   | 400     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -1        | 300       | 299       | DICHLOROPROP                           | 000120-36-5 | 503     | 6        | 3        | 10   | 400     |            |           |          |       |       | 0      |          | 2        |           | 2        | 100     |
| -8        | 308       | 300       | O-XYLENE                               | 000095-47-6 | 503     | 217      | 105      | 1000 | 53      | 6E-03      | 1E+01     | 2E-02    | 2E-01 | 2E-04 | 144    | 4        | 11       | 32        | 4        | 201     |
| 0         | 301       | 301       | CHLORDENE                              | 003734-48-3 | 503     | 5        | 2        | 10   | 400     |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| 0         | 302       | 302       | 2,3,4,5-TETRACHLOROPHENOL              | 004901-51-3 | 502     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 0         | 302       | 302       | BIS(CHLOROMETHYL) ETHER                | 000542-88-1 | 502     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 0         | 302       | 302       | NITROGEN DIOXIDE                       | 010102-44-0 | 502     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| 0         | 305       | 305       | RUTHENIUM-106                          | 013967-48-1 | 502     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          | 2        |           | 2        | 100     |
| 0         | 306       | 306       | CESIUM-134                             | 013967-70-9 | 502     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 0         | 306       | 306       | OZONE                                  | 010028-15-6 | 502     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          | 1        | 2         | 1        | 100     |
| -2        | 310       | 308       | ANTHRACENE                             | 000120-12-7 | 499     | 375      | 182      | 5000 | 10      | 1E-01      | 2E+01     | 4E-05    | 1E-01 | 3E-05 | 105    | 11       | 47       | 128       | 11       | 202     |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                               | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|------------------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 0         | 309       | 309       | METHYLNAPHTHALENE                  | 001321-94-4 | 499     | 17       | 8        | 100  | 178     |            | 2E+01     |          | 4E-03 | 4E-05 | 111    | 5        | 5        | 8         | 5        | 201     |
| -1        | 311       | 310       | 1,2,3-TRICHLOROPROPANE             | 000096-18-4 | 497     | 25       | 12       | 100  | 178     | 3E-03      |           |          | 3E-03 | 3E-05 | 107    | 1        | 3        | 11        | 1        | 200     |
| -1        | 312       | 311       | METHYL METHACRYLATE                | 000080-62-6 | 496     | 3        | 1        | 1000 | 53      | 8E+00      | 2E+05     |          | 6E+01 | 6E-02 | 241    | 2        | 2        | 4         | 2        | 200     |
| -2        | 314       | 312       | SULFURIC ACID                      | 007664-93-9 | 492     | 55       | 27       | 1000 | 53      |            |           | 7E-01    | 1E+01 | 1E-02 | 212    | 2        | 2        | 2         | 2        | 200     |
| -3        | 316       | 313       | M-XYLENE                           | 000108-38-3 | 490     | 146      | 71       | 1000 | 53      | 2E-02      | 2E+00     | 5E-02    | 8E-01 | 8E-04 | 166    | 3        | 3        | 13        | 3        | 201     |
| 1         | 313       | 314       | BENZO(A)FLUORANTHENE               | 000203-33-8 | 490     | 46       | 22       | 100  | 178     |            | 5E+00     |          | 1E-03 | 1E-05 | 89     | 3        | 3        | 9         | 3        | 201     |
| -3        | 318       | 315       | ISOPROPANOL                        | 000067-63-0 | 489     | 73       | 35       | 1000 | 53      | 3E+00      | 8E+02     | 2E-01    | 6E+00 | 6E-03 | 200    | 3        | 5        | 14        | 3        | 201     |
| -1        | 317       | 316       | SULFUR DIOXIDE                     | 007446-09-5 | 488     | 27       | 13       | 1000 | 53      |            |           | 1E+00    | 2E+01 | 2E-02 | 222    | 3        | 8        | 8         | 3        | 201     |
| -2        | 319       | 317       | TIN                                | 007440-31-5 | 484     | 214      | 104      | 1000 | 53      | 6E-02      | 6E+01     | 4E-04    | 8E-02 | 8E-05 | 125    | 13       | 19       | 25        | 13       | 202     |
| -2        | 320       | 318       | TETRAHYDROFURAN                    | 000109-99-9 | 484     | 103      | 50       | 1000 | 53      | 3E-01      |           | 1E-01    | 2E+00 | 2E-03 | 180    | 6        | 13       | 37        | 6        | 201     |
| 4         | 315       | 319       | CHLORODIFLUOROMETHANE              | 000075-45-6 | 476     | 26       | 13       | 100  | 178     | 2E-01      |           |          | 2E-01 | 2E-03 | 186    |          | 1        | 6         | 1        | 100     |
| -1        | 321       | 320       | AZOBENZENE                         | 000103-33-3 | 472     | 3        | 1        | 100  | 178     |            | 2E+03     |          | 4E-01 | 4E-03 | 192    |          | 3        | 3         | 3        | 100     |
| -1        | 322       | 321       | DIETHYL PHTHALATE                  | 000084-66-2 | 471     | 272      | 132      | 1000 | 53      | 7E-03      | 7E-01     | 8E-05    | 9E-03 | 9E-06 | 86     | 2        | 14       | 47        | 2        | 200     |
| -1        | 323       | 322       | 2,4,5-TP ACID                      | 000093-72-1 | 463     | 38       | 18       | 100  | 178     | 8E-02      | 2E+00     |          | 8E-02 | 8E-04 | 166    |          | 2        | 10        | 2        | 100     |
| -1        | 324       | 323       | GLYCOL ETHER                       | 000111-46-6 | 462     | 8        | 4        | 100  | 178     |            | 9E+02     |          | 2E-01 | 2E-03 | 180    |          | 2        |           | 2        | 100     |
| -1        | 325       | 324       | DINOSEB                            | 000088-85-7 | 461     | 10       | 5        | 1000 | 53      | 7E+00      | 9E+02     |          | 7E+00 | 7E-03 | 203    | 1        | 1        | 6         | 1        | 200     |
| -1        | 326       | 325       | PROPANOL                           | 000071-23-8 | 461     | 21       | 10       | 100  | 178     |            |           | 8E-03    | 1E-01 | 1E-03 | 172    |          | 1        | 2         | 1        | 100     |
| -3        | 329       | 326       | BENZO(GH)PERYLENE                  | 000191-24-2 | 453     | 356      | 173      | 5000 | 10      | 1E-02      | 5E+00     | 2E-05    | 1E-02 | 3E-06 | 64     | 32       | 86       | 137       | 32       | 206     |
| 0         | 327       | 327       | 2,3-BENZOFURAN                     | 000271-89-6 | 453     | 11       | 5        | 10   | 400     | 9E-06      |           |          | 9E-06 | 9E-07 | 46     |          |          | 5         | 5        | 1       |
| 0         | 328       | 328       | 2-CHLOROANILINE                    | 000095-51-2 | 452     | 3        | 1        | 100  | 178     |            | 6E+02     |          | 1E-01 | 1E-03 | 173    |          | 2        | 5         | 2        | 100     |
| -1        | 330       | 329       | 4-CHLOROANILINE                    | 000106-47-8 | 451     | 43       | 21       | 1000 | 53      | 2E+00      | 9E+00     |          | 2E+00 | 2E-03 | 177    | 2        | 3        | 12        | 2        | 200     |
| -2        | 332       | 330       | DI-N-OCTYL PHTHALATE               | 000117-84-0 | 451     | 338      | 164      | 5000 | 10      | 2E-02      | 2E+00     |          | 2E-02 | 5E-06 | 75     | 13       | 28       | 76        | 13       | 202     |
| 0         | 331       | 331       | NITROBENZENE                       | 000098-95-3 | 449     | 93       | 45       | 1000 | 53      | 3E-01      | 1E+01     |          | 3E-01 | 3E-04 | 150    | 9        | 13       | 22        | 9        | 202     |
| -2        | 334       | 332       | BENZOIC ACID                       | 000065-85-0 | 444     | 272      | 132      | 5000 | 10      | 1E-01      | 2E+00     |          | 1E-01 | 2E-05 | 101    | 5        | 18       | 63        | 5        | 201     |
| 0         | 333       | 333       | TRICHLOROFLUOROMETHANE             | 000075-69-4 | 444     | 242      | 117      | 5000 | 10      | 2E-02      | 1E-01     | 1E-02    | 2E-01 | 5E-05 | 115    | 8        | 19       | 52        | 8        | 202     |
| -1        | 335       | 334       | BORON                              | 007440-42-8 | 442     | 155      | 75       | 5000 | 10      | 2E+00      | 6E+02     |          | 2E+00 | 4E-04 | 153    | 21       | 32       | 26        | 21       | 204     |
| -3        | 338       | 335       | MOLYBDENUM                         | 007439-98-7 | 440     | 87       | 42       | 1000 | 53      | 2E-01      | 6E+01     | 5E-05    | 2E-01 | 2E-04 | 144    | 9        | 11       | 22        | 9        | 202     |
| 0         | 336       | 336       | PHENOLICS                          | 064743-03-9 | 440     | 80       | 39       | 1000 | 53      | 3E-01      | 6E+01     |          | 3E-01 | 3E-04 | 147    | 6        | 8        | 32        | 6        | 201     |
| 0         | 337       | 337       | 2-NITROPHENOL                      | 000088-75-5 | 437     | 55       | 27       | 100  | 178     | 1E-02      | 2E+00     |          | 1E-02 | 1E-04 | 132    |          | 2        | 10        | 2        | 100     |
| -1        | 339       | 338       | 2-CHLOROETHYL VINYL ETHER          | 000110-75-8 | 434     | 46       | 22       | 1000 | 53      | 2E-02      |           | 3E-02    | 5E-01 | 5E-04 | 158    | 2        | 2        | 4         | 2        | 200     |
| -1        | 340       | 339       | VINYL ACETATE                      | 000108-05-4 | 432     | 51       | 25       | 5000 | 10      |            | 2E-01     | 2E+00    | 2E+01 | 5E-03 | 197    | 1        | 3        | 8         | 1        | 200     |
| -1        | 341       | 340       | 2-AMINO-4,6-DINITROTOLUENE         | 035572-78-2 | 426     | 9        | 4        | 1000 | 53      |            | 5E+03     |          | 9E-01 | 9E-04 | 168    | 1        | 2        | 3         | 1        | 200     |
| -2        | 343       | 341       | TITANIUM                           | 007440-32-6 | 423     | 94       | 46       | 1000 | 53      | 5E-02      | 1E+02     | 1E-04    | 7E-02 | 7E-05 | 124    | 5        | 11       | 11        | 5        | 201     |
| -2        | 344       | 342       | PERCHLORATE                        | 014797-73-0 | 420     | 8        | 4        | 1000 | 53      | 7E-01      |           |          | 7E-01 | 7E-04 | 162    | 6        | 6        | 3         | 6        | 201     |
| -2        | 345       | 343       | HYDROCHLORIC ACID                  | 007647-01-0 | 420     | 40       | 19       | 5000 | 10      |            |           | 1E+00    | 2E+01 | 3E-03 | 191    | 1        | 3        | 3         | 1        | 200     |
| -2        | 346       | 344       | LITHIUM                            | 007439-93-2 | 415     | 28       | 14       | 1000 | 53      | 3E-01      | 1E+02     |          | 3E-01 | 3E-04 | 148    | 4        | 7        | 3         | 4        | 201     |
| -11       | 356       | 345       | CYCLOTETRAMETHYLENE TETRANITRAMINE | 002691-41-0 | 414     | 18       | 9        | 1000 | 53      | 9E-02      | 1E+03     |          | 4E-01 | 4E-04 | 152    | 1        | 2        | 18        | 1        | 200     |
| -2        | 348       | 346       | METHYL-T-BUTYL ETHER               | 001634-04-4 | 413     | 44       | 21       | 1000 | 53      | 3E-02      | 6E-02     | 9E-03    | 2E-01 | 2E-04 | 137    | 9        | 23       | 16        | 9        | 202     |
| -2        | 349       | 347       | ACENAPHTHYLENE                     | 000208-96-8 | 412     | 239      | 116      | 5000 | 10      | 3E-02      | 6E+00     | 3E-05    | 4E-02 | 7E-06 | 83     | 17       | 49       | 78        | 17       | 203     |
| -2        | 350       | 348       | CHROMIUM, TRIVALENT                | 016065-83-1 | 410     | 31       | 15       | 1000 | 53      | 1E-01      | 5E+02     |          | 2E-01 | 2E-04 | 142    | 2        | 3        | 10        | 2        | 200     |
| -3        | 352       | 349       | TRICHLOROPHENOL                    | 025167-82-2 | 406     | 11       | 5        | 10   | 400     |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| -3        | 353       | 350       | DICHLOROBROMOETHANE                | 073506-91-9 | 406     | 5        | 2        | 100  | 178     | 8E-03      |           |          | 8E-03 | 8E-05 | 126    |          | 1        | 1         | 1        | 100     |
| 4         | 347       | 351       | BROMODICHLOROMETHANE               | 000075-27-4 | 405     | 239      | 116      | 5000 | 10      | 9E-03      | 1E-02     | 9E-04    | 2E-02 | 5E-06 | 74     | 26       | 35       | 39        | 26       | 205     |
| -2        | 354       | 352       | CYANIDE, SODIUM                    | 000143-33-9 | 404     | 9        | 4        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                      | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|---------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| -2        | 354       | 352       | PENTACHLOROETHANE         | 000076-01-7 | 404     | 9        | 4        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 357       | 354       | BENZO(J)FLUORANTHENE      | 000205-82-3 | 404     | 6        | 3        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 358       | 355       | LEAD OXIDE                | 001317-36-8 | 404     | 8        | 4        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 358       | 355       | SODIUM DICHROMATE         | 010588-01-9 | 404     | 8        | 4        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 160       | 197       | 357       | 2,3,5,6-TETRACHLOROPHENOL | 000935-95-5 | 403     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          | 4         | 4        | 1       |
| -3        | 361       | 358       | 1-HYDROXYCHLORDENE        | 002597-11-7 | 403     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 361       | 358       | 1,1-DIMETHYLHYDRAZINE     | 000057-14-7 | 403     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 361       | 358       | 2,3,4,6-TETRACHLOROPHENOL | 000058-90-2 | 403     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 361       | 358       | CAPTAN                    | 000133-06-2 | 403     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 361       | 358       | ETHANETHIOL               | 000075-08-1 | 403     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 366       | 363       | (TRICHLOROMETHYL)BENZENE  | 000098-07-7 | 403     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 366       | 363       | 2-BUTENE                  | 000107-01-7 | 403     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 366       | 363       | TETRAETHYL LEAD           | 000078-00-2 | 403     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -3        | 369       | 366       | CALCIUM HYPOCHLORITE      | 007778-54-3 | 402     | 5        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 369       | 366       | COPPER CHLORIDE           | 001344-67-8 | 402     | 5        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 371       | 368       | CARBOFURAN                | 001563-66-2 | 402     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 371       | 368       | CHLORINATED PHENOL        | 001336-35-2 | 402     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 371       | 368       | CUPRIC SULFATE            | 007758-98-7 | 402     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 371       | 368       | PHOSGENE                  | 000075-44-5 | 402     | 4        | 2        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | 2,3,5-TRICHLOROPHENOL     | 000933-78-8 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | ALUMINUM CHLORIDE         | 007446-70-0 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | ARAMITE                   | 000140-57-8 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | CALCIUM CARBIDE           | 000075-20-7 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | CHLOROENZILATE            | 000510-15-6 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | COKE, COAL                | 065996-77-2 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | DIBROMOCHLOROETHANE       | 073506-94-2 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | EPN                       | 002104-64-5 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | GLYCIDYLALDEHYDE          | 000765-34-4 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | HEXACHLORONORBORNADIENE   | 003389-71-7 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | LEAD(+2) SULFATE          | 015739-80-7 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | SULFUR-35                 | 015117-53-0 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | THIOUREA                  | 000062-56-6 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -3        | 375       | 372       | ZINC OXIDE                | 001314-13-2 | 401     | 3        | 1        | 10   | 400     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -4        | 390       | 386       | 2,4,5-T                   | 000093-76-5 | 396     | 28       | 14       | 1000 | 53      | 1E-01      | 6E+00     |          | 1E-01 | 1E-04 | 129    | 1        | 3        | 13        | 1        | 200     |
| -2        | 389       | 387       | HEXANE, N-                | 000110-54-3 | 395     | 70       | 34       | 5000 | 10      |            |           | 1E-01    | 2E+00 | 3E-04 | 150    | 3        | 6        | 13        | 3        | 201     |
| -3        | 391       | 388       | ISOPROPYL ETHER           | 000108-20-3 | 394     | 16       | 8        | 1000 | 53      | 1E-01      | 1E+01     |          | 1E-01 | 1E-04 | 132    | 6        | 3        | 14        | 6        | 201     |
| -3        | 392       | 389       | ETHANOL                   | 000064-17-5 | 390     | 42       | 20       | 1000 | 53      |            |           | 1E+00    | 1E+01 | 1E-02 | 217    |          | 1        | 2         | 1        | 100     |
| -4        | 394       | 390       | ATRAZINE                  | 001912-24-9 | 384     | 20       | 10       | 1000 | 53      | 2E-02      | 2E+02     |          | 6E-02 | 6E-05 | 121    | 4        | 4        | 18        | 4        | 201     |
| -5        | 396       | 391       | DIMETHYLNAPHTHALENE       | 028804-88-8 | 384     | 11       | 5        | 100  | 178     |            |           |          |       |       | 0      | 1        | 2        | 1         | 1        | 200     |
| -3        | 395       | 392       | MIREX                     | 002385-85-5 | 384     | 9        | 4        | 100  | 178     |            |           |          |       |       | 0      | 6        | 6        | 5         | 6        | 201     |
| -4        | 397       | 393       | DICHLOROPROPENE           | 026952-23-8 | 383     | 10       | 5        | 100  | 178     |            |           |          |       |       | 0      | 1        |          |           | 1        | 200     |
| -5        | 399       | 394       | TECHNETIUM-99             | 014133-76-7 | 381     | 6        | 3        | 100  | 178     |            |           |          |       |       | 0      | 1        | 2        | 7         | 1        | 200     |
| -5        | 400       | 395       | SULFIDE                   | 018496-25-8 | 381     | 19       | 9        | 5000 | 10      | 3E+00      | 4E+02     |          | 3E+00 | 6E-04 | 161    | 2        | 2        | 3         | 2        | 200     |
| -5        | 401       | 396       | UREA                      | 000057-13-6 | 380     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      | 4        |          |           | 4        | 201     |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                  | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |     |
|-----------|-----------|-----------|---------------------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|-----|
| -6        | 403       | 397       | 2,3-DIMETHYLNAPHTHALENE               | 000581-40-8 | 380     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      | 1        | 1        |           |          | 1       | 200 |
| -5        | 402       | 397       | CARBONYL SULFIDE                      | 000463-58-1 | 380     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      | 1        |          |           |          | 1       | 200 |
| 6         | 393       | 399       | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 000076-13-1 | 379     | 100      | 48       | 5000 | 10      | 6E-02      | 8E-01     | 2E-02    | 3E-01 | 6E-05 | 120    | 5        | 6        | 32        | 5        | 201     |     |
| -4        | 404       | 400       | PHOSPHORIC ACID                       | 007664-38-2 | 377     | 27       | 13       | 5000 | 10      |            |           | 1E-01    | 2E+00 | 4E-04 | 154    | 1        | 3        |           | 1        | 200     |     |
| -4        | 405       | 401       | FORMIC ACID, METHYL ESTER             | 000107-31-3 | 377     | 3        | 1        | 100  | 178     |            |           | 3E-02    | 5E-01 | 4E-03 | 196    |          |          | 2         | 2        | 1       |     |
| 4         | 398       | 402       | DICHLORODIFLUOROMETHANE               | 000075-71-8 | 376     | 107      | 52       | 5000 | 10      | 1E-02      |           | 1E-02    | 2E-01 | 4E-05 | 113    | 7        | 11       | 24        | 7        | 201     |     |
| -3        | 406       | 403       | MONOBROMODIPHENYL ETHER               | 000101-55-3 | 373     | 23       | 11       | 100  | 178     |            | 4E+00     |          | 8E-04 | 8E-06 | 84     |          | 2        | 4         | 2        | 100     |     |
| -3        | 407       | 404       | DIMETHYL PHTHALATE                    | 000131-11-3 | 369     | 122      | 59       | 5000 | 10      | 9E-02      | 3E+00     |          | 9E-02 | 2E-05 | 99     | 3        | 11       | 25        | 3        | 201     |     |
| -3        | 408       | 405       | BAGHOUSE DUST (LIME)                  | 068919-24-4 | 368     | 5        | 2        | 5000 | 10      |            |           | 1E-01    | 2E+00 | 4E-04 | 155    | 2        | 2        |           | 2        | 200     |     |
| -3        | 409       | 406       | ISOPHORONE                            | 000078-59-1 | 367     | 160      | 78       | 5000 | 10      | 3E-02      | 7E+00     |          | 3E-02 | 6E-06 | 79     | 4        | 8        | 32        | 4        | 201     |     |
| -3        | 410       | 407       | ETHYLENE GLYCOL                       | 000107-21-1 | 364     | 36       | 17       | 5000 | 10      |            |           | 5E-02    | 8E-01 | 1E-04 | 136    | 4        | 1        | 4         | 4        | 201     |     |
| -3        | 411       | 408       | DIMETHYL SULFATE                      | 000077-78-1 | 362     | 5        | 2        | 100  | 178     | 2E-01      |           |          | 2E-01 | 2E-03 | 181    |          |          | 4         | 4        | 1       |     |
| -3        | 412       | 409       | ANILINE                               | 000062-53-3 | 357     | 52       | 25       | 5000 | 10      | 3E-01      | 2E+01     | 3E-04    | 3E-01 | 6E-05 | 121    | 6        | 8        | 14        | 6        | 201     |     |
| -3        | 413       | 410       | ETHYL ACETATE                         | 000141-78-6 | 350     | 22       | 11       | 5000 | 10      |            |           | 3E-02    | 5E-01 | 1E-04 | 129    | 1        | 3        | 2         | 1        | 200     |     |
| -3        | 414       | 411       | CUMENE                                | 000098-82-8 | 342     | 56       | 27       | 5000 | 10      | 3E-02      | 4E+00     | 7E-03    | 1E-01 | 3E-05 | 105    | 1        | 11       | 14        | 1        | 200     |     |
| -3        | 415       | 412       | DIBROMOMETHANE                        | 000074-95-3 | 341     | 15       | 7        | 1000 | 53      | 6E-03      |           |          | 6E-03 | 6E-06 | 81     | 3        | 1        | 2         | 3        | 201     |     |
| -3        | 416       | 413       | ALACHLOR                              | 015972-60-8 | 339     | 3        | 1        | 1000 | 53      | 4E-03      | 2E+01     |          | 8E-03 | 8E-06 | 84     | 3        | 3        | 7         | 3        | 201     |     |
| -3        | 417       | 414       | 4-CHLOROPHENOL                        | 000106-48-9 | 334     | 7        | 3        | 100  | 178     | 4E-02      |           |          | 4E-02 | 4E-04 | 151    |          |          | 3         | 3        | 1       |     |
| -3        | 418       | 415       | BROMOCHLOROMETHANE                    | 000074-97-5 | 333     | 21       | 10       | 1000 | 53      | 3E-03      |           |          | 3E-03 | 3E-06 | 69     | 2        | 1        | 2         | 2        | 200     |     |
| -3        | 419       | 416       | DIPHENYLAMINE                         | 000122-39-4 | 332     | 11       | 5        | 100  | 178     | 3E-02      |           |          | 3E-02 | 3E-04 | 147    |          |          | 1         | 1        | 1       |     |
| -3        | 420       | 417       | 1,2,4,5-TETRACHLOROBENZENE            | 000095-94-3 | 330     | 16       | 8        | 5000 | 10      | 2E-01      | 4E+01     |          | 2E-01 | 4E-05 | 112    | 1        |          | 7         | 1        | 200     |     |
| -3        | 421       | 418       | P-CHLORO-M-CRESOL                     | 000059-50-7 | 322     | 112      | 54       | 5000 | 10      | 8E-03      | 3E+00     |          | 9E-03 | 2E-06 | 58     | 2        | 7        | 22        | 2        | 200     |     |
| -3        | 422       | 419       | INDENOPYRENE                          | 072254-06-9 | 320     | 4        | 2        | 100  | 178     |            | 9E+01     |          | 2E-02 | 2E-04 | 139    |          |          | 4         | 4        | 1       |     |
| -4        | 424       | 420       | METHYL ISOPROPYL KETONE               | 000563-80-4 | 310     | 14       | 7        | 5000 | 10      | 7E-02      |           |          | 7E-02 | 1E-05 | 93     | 1        |          | 1         | 1        | 200     |     |
| -4        | 425       | 421       | NITROPHENOL                           | 025154-55-6 | 310     | 9        | 4        | 100  | 178     |            | 4E+01     |          | 9E-03 | 9E-05 | 126    |          |          | 2         | 2        | 1       |     |
| 71        | 351       | 422       | BROMOMETHANE                          | 000074-83-9 | 306     | 95       | 46       | 1000 | 53      | 9E-03      | 1E-02     | 1E-03    | 3E-02 | 3E-05 | 106    |          | 4        | 8         | 4        | 101     |     |
| -4        | 427       | 423       | SULFUR                                | 007704-34-9 | 304     | 48       | 23       | 5000 | 10      |            |           |          | 1E-03 | 2E-02 | 4E-06  | 70       | 3        | 6         | 3        | 3       | 201 |
| -4        | 428       | 424       | CHLOROTOLUENE                         | 025168-05-2 | 302     | 16       | 8        | 100  | 178     |            |           | 3E-04    | 5E-03 | 5E-05 | 115    |          |          | 6         | 6        | 1       |     |
| -4        | 429       | 425       | CYANAZINE                             | 021725-46-2 | 299     | 3        | 1        | 1000 | 53      | 8E-04      | 4E-01     |          | 9E-04 | 9E-07 | 45     | 1        | 1        | 4         | 1        | 200     |     |
| -4        | 430       | 426       | PYRIDINE                              | 000110-86-1 | 297     | 12       | 6        | 1000 | 53      | 5E+01      | 3E+01     |          | 5E+01 | 5E-02 | 237    |          |          | 4         | 4        | 1       |     |
| -5        | 432       | 427       | METHANOL                              | 000067-56-1 | 296     | 53       | 26       | 5000 | 10      |            | 2E+03     | 2E-01    | 3E+00 | 6E-04 | 160    |          | 2        | 5         | 2        | 100     |     |
| -3        | 431       | 428       | METHYL-4-(1-METHYLETHYL)BENZENE       | 000099-87-6 | 296     | 27       | 13       | 1000 | 53      |            |           | 7E-03    | 1E-01 | 1E-04 | 129    |          | 5        | 3         | 5        | 101     |     |
| -4        | 433       | 429       | P-CHLOROPHENYL METHYL SULFOXIDE       | 000934-73-6 | 295     | 3        | 1        | 1000 | 53      | 2E-01      |           |          | 2E-01 | 2E-04 | 141    |          | 1        | 3         | 1        | 100     |     |
| -4        | 434       | 430       | CRESOL, META-                         | 000108-39-4 | 289     | 22       | 11       | 100  | 178     |            |           |          |       |       | 0      |          | 2        | 2         | 2        | 100     |     |
| -4        | 435       | 431       | 4-CHLOROPHENYL PHENYL ETHER           | 007005-72-3 | 288     | 24       | 12       | 5000 | 10      | 5E-03      | 5E+01     |          | 1E-02 | 3E-06 | 66     | 1        | 3        | 7         | 1        | 200     |     |
| -4        | 436       | 432       | BIPHENYL                              | 000092-52-4 | 286     | 26       | 13       | 100  | 178     | 3E-06      | 7E+00     |          | 1E-03 | 1E-05 | 94     |          |          | 11        | 11       | 2       |     |
| -4        | 437       | 433       | DIMETHYLSULFIDE                       | 000075-18-3 | 286     | 16       | 8        | 100  | 178     |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |     |
| -4        | 438       | 434       | COBALT-60                             | 010198-40-0 | 285     | 14       | 7        | 100  | 178     |            |           |          |       |       | 0      |          | 4        | 6         | 4        | 101     |     |
| -4        | 439       | 435       | PERYLENE                              | 000198-55-0 | 284     | 12       | 6        | 100  | 178     |            |           |          |       |       | 0      |          | 1        | 3         | 1        | 100     |     |
| -4        | 440       | 436       | 1,2,3,7,8-PENTACHLORODIBENZOFURAN     | 057117-41-6 | 284     | 10       | 5        | 100  | 178     |            | 2E-04     |          | 4E-08 | 4E-10 | 0      |          | 5        | 4         | 5        | 101     |     |
| -4        | 441       | 437       | LEAD-212                              | 015092-94-1 | 284     | 9        | 4        | 100  | 178     |            |           |          |       |       | 0      |          | 7        | 1         | 7        | 101     |     |
| -4        | 442       | 438       | 1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN | 055673-89-7 | 282     | 8        | 4        | 100  | 178     |            | 1E-02     |          | 2E-06 | 2E-08 | 0      |          | 2        | 2         | 2        | 100     |     |
| -4        | 443       | 439       | 1,3-DICHLOROPROPENE                   | 000542-75-6 | 282     | 8        | 4        | 100  | 178     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |     |
| -4        | 443       | 439       | IODINE                                | 007553-56-2 | 282     | 8        | 4        | 100  | 178     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |     |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                              | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|-----------------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| -4        | 445       | 441       | OCTACHLOROSTYRENE                 | 029082-74-4 | 282     | 7        | 3        | 100  | 178     |            |           |          |       |       | 0      |          | 2        | 3         | 2        | 100     |
| -4        | 446       | 442       | RADIUM-224                        | 013233-32-4 | 281     | 6        | 3        | 100  | 178     |            |           |          |       |       | 0      |          | 2        | 2         | 2        | 100     |
| -4        | 447       | 443       | 4-AMINO-2,6-DINITROTOLUENE        | 019406-51-0 | 281     | 5        | 2        | 100  | 178     |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| -4        | 448       | 444       | DIMETHYL METHYLPHOSPHONATE        | 000756-79-6 | 280     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -4        | 448       | 444       | EUROPIUM-154                      | 015585-10-1 | 280     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -4        | 448       | 444       | STRONTIUM-89                      | 014158-27-1 | 280     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -4        | 451       | 447       | INDIUM                            | 007440-74-6 | 279     | 3        | 1        | 1000 | 53      |            |           | 2E-05    | 3E-04 | 3E-07 | 25     | 1        | 2        |           | 1        | 200     |
| -4        | 452       | 448       | TRINITROPHENYLMETHYLNITRAMINE     | 000479-45-8 | 278     | 18       | 9        | 1000 | 53      | 6E-03      | 2E+02     |          | 5E-02 | 5E-05 | 116    |          | 1        | 12        | 1        | 100     |
| -4        | 453       | 449       | BROMACIL                          | 000314-40-9 | 274     | 9        | 4        | 1000 | 53      | 5E-02      |           |          | 5E-02 | 5E-05 | 116    |          | 1        | 4         | 1        | 100     |
| -4        | 454       | 450       | 4-NITROANILINE                    | 000100-01-6 | 271     | 25       | 12       | 5000 | 10      |            | 3E+01     |          | 5E-03 | 1E-06 | 49     | 1        | 4        | 5         | 1        | 200     |
| -6        | 457       | 451       | BIS(2-CHLOROETHOXY)METHANE        | 000111-91-1 | 266     | 35       | 17       | 1000 | 53      | 1E-02      | 6E+00     |          | 2E-02 | 2E-05 | 96     |          | 3        | 6         | 3        | 100     |
| -4        | 456       | 452       | TRITIUM                           | 010028-17-8 | 266     | 25       | 12       | 1000 | 53      |            |           |          |       |       | 0      | 7        | 6        | 12        | 7        | 201     |
| -5        | 458       | 453       | 3,4-XYLENOL                       | 000095-65-8 | 265     | 3        | 1        | 1000 | 53      | 4E-02      |           |          | 4E-02 | 4E-05 | 111    |          | 1        | 1         | 1        | 100     |
| -100      | 554       | 454       | ACETALDEHYDE                      | 000075-07-0 | 257     | 8        | 4        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 1        | 1         | 1        | 200     |
| 94        | 360       | 454       | DIMETHYL DISULFIDE                | 000624-92-0 | 257     | 8        | 4        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 2        | 1         | 1        | 200     |
| 1         | 455       | 456       | BIS(2-CHLOROETHYL)PHTHALATE       | 006279-87-4 | 257     | 3        | 1        | 1000 | 53      | 2E-02      |           |          | 2E-02 | 2E-05 | 102    |          | 1        | 1         | 1        | 100     |
| -2        | 459       | 457       | BISMUTH-214                       | 014733-03-0 | 257     | 7        | 3        | 1000 | 53      |            |           |          |       |       | 0      | 2        | 4        | 3         | 2        | 200     |
| -2        | 459       | 457       | LEAD-214                          | 015067-28-4 | 257     | 7        | 3        | 1000 | 53      |            |           |          |       |       | 0      | 2        | 4        | 3         | 2        | 200     |
| -2        | 461       | 459       | PROPYL ACETATE                    | 000109-60-4 | 256     | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |
| -2        | 461       | 459       | TUNGSTEN                          | 007440-33-7 | 256     | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 2        |           | 1        | 200     |
| -2        | 463       | 461       | GERMANIUM                         | 007440-56-4 | 255     | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 2        |           | 1        | 200     |
| -2        | 463       | 461       | METHYL ISOAMYL KETONE             | 000110-12-3 | 255     | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 1        | 1         | 1        | 200     |
| -2        | 465       | 463       | 1,1-DICHLORO-1-PROPANE            | 000078-99-9 | 255     | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 2        |           | 1        | 200     |
| -2        | 465       | 463       | ISOPROPYL ACETATE                 | 000108-21-4 | 255     | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |
| -2        | 465       | 463       | MERPHOS                           | 000150-50-5 | 255     | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |
| -2        | 468       | 466       | BIS(2-CHLOROISOPROPYL) ETHER      | 039638-32-9 | 253     | 10       | 5        | 1000 | 53      | 7E-03      | 4E+01     |          | 2E-02 | 2E-05 | 95     |          | 1        | 4         | 1        | 100     |
| -2        | 469       | 467       | SEC-BUTYLBENZENE                  | 000135-98-8 | 251     | 11       | 5        | 5000 | 10      | 9E-04      | 8E+00     |          | 2E-03 | 5E-07 | 35     | 1        | 6        | 2         | 1        | 200     |
| -2        | 470       | 468       | 1,2,3,4-TETRACHLOROBENZENE        | 000634-66-2 | 249     | 12       | 6        | 100  | 178     |            | 1E+00     |          | 3E-04 | 3E-06 | 64     |          |          | 7         | 7        | 1       |
| -2        | 471       | 469       | DICAMBA                           | 001918-00-9 | 242     | 7        | 3        | 1000 | 53      | 8E-03      |           |          | 8E-03 | 8E-06 | 85     |          | 1        | 1         | 1        | 100     |
| -4        | 474       | 470       | BENZO(E)PYRENE                    | 000192-97-2 | 241     | 35       | 17       | 1000 | 53      | 2E-03      | 9E+00     |          | 4E-03 | 4E-06 | 70     |          | 5        | 6         | 5        | 101     |
| -1        | 472       | 471       | ACETONITRILE                      | 000075-05-8 | 239     | 13       | 6        | 5000 | 10      |            |           | 2E-02    | 4E-01 | 7E-05 | 123    |          | 1        | 3         | 1        | 100     |
| -1        | 473       | 472       | 2-CHLOROTOLUENE                   | 000095-49-8 | 236     | 13       | 6        | 1000 | 53      | 5E-03      |           |          | 5E-03 | 5E-06 | 76     |          | 2        | 6         | 2        | 100     |
| 131       | 342       | 473       | METHYL ACETATE                    | 000079-20-9 | 234     | 10       | 5        | 1000 | 53      |            | 6E-02     | 9E-02    | 1E+00 | 1E-03 | 175    |          |          | 4         | 4        | 1       |
| -1        | 475       | 474       | 2-ETHYLHEXANOL                    | 000104-76-7 | 230     | 11       | 5        | 1000 | 53      |            |           | 7E-02    | 1E+00 | 1E-03 | 170    |          |          | 2         | 2        | 1       |
| -91       | 566       | 475       | TERT-BUTYLBENZENE                 | 000098-06-6 | 227     | 8        | 4        | 5000 | 10      | 7E-04      |           |          | 7E-04 | 1E-07 | 13     | 1        | 3        | 1         | 1        | 200     |
| 0         | 476       | 476       | BIS(2-CHLOROISOPROPYL)ETHER       | 000108-60-1 | 225     | 26       | 13       | 1000 | 53      |            | 1E+01     |          | 2E-03 | 2E-06 | 60     |          | 1        | 2         | 1        | 100     |
| 0         | 477       | 477       | BUTYL ACETATE                     | 000123-86-4 | 219     | 19       | 9        | 5000 | 10      |            |           |          |       |       | 0      | 1        | 1        | 2         | 1        | 200     |
| 0         | 478       | 478       | METHYLPHENANTHRENE                | 031711-53-2 | 214     | 8        | 4        | 5000 | 10      |            |           |          |       |       | 0      | 2        | 2        |           | 2        | 200     |
| -92       | 571       | 479       | 2-METHYL-4-CHLOROPHOXYACETIC ACID | 000094-74-6 | 214     | 7        | 3        | 5000 | 10      |            |           |          |       |       | 0      | 2        | 1        | 1         | 2        | 200     |
| -92       | 572       | 480       | MECOPROP                          | 007085-19-0 | 213     | 6        | 3        | 5000 | 10      |            |           |          |       |       | 0      | 1        | 2        | 1         | 1        | 200     |
| 2         | 479       | 481       | DIMETHYL PHENANTHRENE             | 029062-98-4 | 212     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      | 2        | 2        |           | 2        | 200     |
| 2         | 479       | 481       | TRIMETHYL PHENANTHRENE            | 030232-26-9 | 212     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      | 2        | 1        |           | 2        | 200     |
| 2         | 481       | 483       | 3,3,5-TRIMETHYLCYCLOHEXANONE      | 000873-94-9 | 212     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 200     |
| 2         | 481       | 483       | PEBULATE                          | 001114-71-2 | 212     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      | 1        | 1        | 1         | 1        | 200     |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                      | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|---|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 2         | 483       | 485       | PENTANAL                                  | 000110-62-3 | 209     | 3        | 1        | 5000 | 10      |            |           | 6E-03    | 8E-02 | 2E-05 | 97     |          | 1        | 1         | 1        | 100     |
| 2         | 484       | 486       | 2-METHYLPYRIDINE                          | 000109-06-8 | 190     | 3        | 1        | 5000 | 10      | 8E+00      | 1E+02     |          | 8E+00 | 2E-03 | 177    |          |          | 2         | 2        | 1       |
| 2         | 485       | 487       | TELLURIUM                                 | 013494-80-9 | 187     | 7        | 3        | 1000 | 53      |            |           | 3E-05    | 4E-04 | 4E-07 | 31     |          | 1        | 2         | 1        | 100     |
| 62        | 426       | 488       | 1,1,1,2-TETRACHLOROETHANE                 | 000630-20-6 | 186     | 14       | 7        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 486       | 489       | CYCLOHEXANE                               | 000110-82-7 | 186     | 35       | 17       | 1000 | 53      |            | 4E-01     | 3E-03    | 4E-02 | 4E-05 | 114    |          |          | 13        | 13       | 2       |
| 3         | 487       | 490       | METHYL MERCAPTAN                          | 000074-93-1 | 184     | 9        | 4        | 100  | 178     |            |           |          |       |       | 0      |          |          | 3         | 3        | 1       |
| 4         | 487       | 491       | FURAN                                     | 000110-00-9 | 183     | 8        | 4        | 100  | 178     |            |           |          |       |       | 0      |          |          | 3         | 3        | 1       |
| 3         | 489       | 492       | ACRIDINE                                  | 000260-94-6 | 183     | 8        | 4        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 489       | 492       | CHLOROPHENOL                              | 025167-80-0 | 183     | 8        | 4        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 491       | 494       | BENZOPHENONE                              | 000119-61-9 | 183     | 7        | 3        | 100  | 178     |            |           |          |       |       | 0      |          |          | 3         | 3        | 1       |
| 3         | 492       | 495       | PENTACHLORONITROBENZENE                   | 000082-68-8 | 183     | 7        | 3        | 100  | 178     |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| 3         | 493       | 496       | TRIMETHYLNAPHTHALENE                      | 028652-77-9 | 182     | 6        | 3        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 494       | 497       | AMMONIUM NITRATE                          | 006484-52-2 | 182     | 8        | 4        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 495       | 498       | CARBON-14                                 | 014762-75-5 | 181     | 5        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 495       | 498       | DIPHENYL OXIDE                            | 000101-84-8 | 181     | 5        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 497       | 500       | ALLYL ALCOHOL                             | 000107-18-6 | 181     | 7        | 3        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 498       | 501       | DINITROBENZENE                            | 025154-54-5 | 181     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| 3         | 498       | 501       | NITROCELLULOSE                            | 009004-70-0 | 181     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| 3         | 500       | 503       | SULFUR MUSTARD                            | 000505-60-2 | 181     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 500       | 503       | TETRACHLOROTOLUENE                        | 005216-25-1 | 181     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 502       | 505       | BENZYL CHLORIDE                           | 000100-44-7 | 181     | 6        | 3        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 502       | 505       | CYCLOHEXANOL                              | 000108-93-0 | 181     | 6        | 3        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 504       | 507       | 2,5-DIMETHYLPHENOL                        | 000095-87-4 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 504       | 507       | 3-PENTEN-2-ONE                            | 000625-33-2 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 504       | 507       | CHLORINATED ETHANE DERIVATIVES            | 068411-72-3 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 504       | 507       | ETHYLNAPHTHALENE                          | 027138-19-8 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 504       | 507       | METHOMYL                                  | 016752-77-5 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 504       | 507       | NICKEL CHLORIDE                           | 007718-54-9 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 504       | 507       | PROPazine                                 | 000139-40-2 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 504       | 507       | SIMAZINE                                  | 000122-34-9 | 181     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| 3         | 512       | 515       | 1,2-DICHLOROPROPENE                       | 000563-54-2 | 180     | 5        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 512       | 515       | 3-NITROPHENOL                             | 000554-84-7 | 180     | 5        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 512       | 515       | AMMONIUM FLUORIDE                         | 012125-01-8 | 180     | 5        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 512       | 515       | DICHLOROPHENOL                            | 025167-81-1 | 180     | 5        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 516       | 519       | 1,3,5-TRICHLOROBENZENE                    | 000108-70-3 | 180     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 516       | 519       | 1,6-DIMETHYLNAPHTHALENE                   | 000575-43-9 | 180     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 516       | 519       | 2-METHYLPROPANE                           | 000075-28-5 | 180     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 516       | 519       | 2,3-DIMETHYLPHENOL                        | 000526-75-0 | 180     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 516       | 519       | PENTACHLOROMETHOXYBENZENE                 | 001825-21-4 | 180     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 516       | 519       | SILANE                                    | 007803-62-5 | 180     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 516       | 519       | SODIUM HYPOCHLORITE                       | 007681-52-9 | 180     | 4        | 2        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | 2-CHLOROACETOPHENONE                      | 000532-27-4 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | 2-METHYL-4,6-DINITROPHENOL, AMMONIUM SALT | 002980-64-5 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | 2,3-DICHLOROPROPENE                       | 000078-88-6 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                       | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|----------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| 3         | 523       | 526       | 3,5-DINITROANILINE         | 000618-87-1 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | ASPHALT                    | 008052-42-4 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | BORON TRIBROMIDE           | 010294-33-4 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | BORON TRICHLORIDE          | 010294-34-5 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | CARBON BLACK               | 001333-86-4 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | CHLOROACETIC ACID          | 000079-11-8 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | DIBORANE                   | 019287-45-7 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | DIETHYLAMINE               | 000109-89-7 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | ETHYLAMINE                 | 000075-04-7 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | FICAM                      | 022781-23-3 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | POTASSIUM PERMANGANATE     | 007722-64-7 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | PROPOXUR                   | 000114-26-1 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | SODIUM-22                  | 013966-32-0 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | TRIBUTYLPHOSPHATE          | 000126-73-8 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | TRIOCTYL PHOSPHATE         | 000078-42-2 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 3         | 523       | 526       | URETHANE, SOLIDIFIED       | 000051-79-6 | 179     | 3        | 1        | 100  | 178     |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| 2         | 543       | 545       | PROPANOIC ACID             | 000079-09-4 | 178     | 6        | 3        | 5000 | 10      | 4E+00      |           |          | 4E+00 | 7E-04 | 164    |          |          | 1         | 1        | 1       |
| 2         | 544       | 546       | 2-CHLORONAPHTHALENE        | 000091-58-7 | 177     | 49       | 24       | 5000 | 10      |            | 2E+01     |          | 4E-03 | 8E-07 | 43     |          | 4        | 4         | 4        | 101     |
| 2         | 545       | 547       | DIMETHYLPHENOL             | 001300-71-6 | 176     | 13       | 6        | 1000 | 53      | 5E-02      |           |          | 5E-02 | 5E-05 | 116    |          |          | 1         | 1        | 1       |
| 2         | 546       | 548       | 2-NITROTOLUENE             | 000088-72-2 | 174     | 6        | 3        | 1000 | 53      | 5E-02      |           |          | 5E-02 | 5E-05 | 117    |          |          | 3         | 3        | 1       |
| 2         | 547       | 549       | SODIUM HYDROXIDE           | 001310-73-2 | 174     | 42       | 20       | 1000 | 53      |            |           |          |       |       | 0      |          | 2        |           | 2        | 100     |
| 2         | 548       | 550       | TRIGLYCOL DICHLORIDE       | 000112-26-5 | 173     | 6        | 3        | 5000 | 10      | 2E-01      | 1E+04     |          | 3E+00 | 5E-04 | 159    |          |          | 3         | 3        | 1       |
| 2         | 549       | 551       | OCTACHLOROCYCLOPENTENE     | 000706-78-5 | 166     | 8        | 4        | 1000 | 53      |            | 2E+02     |          | 3E-02 | 3E-05 | 108    |          |          | 5         | 5        | 1       |
| 2         | 550       | 552       | 1,3-DICHLOROPROPANE        | 000142-28-9 | 164     | 23       | 11       | 1000 | 53      |            |           |          |       |       | 0      |          | 1        | 3         | 1        | 100     |
| 2         | 551       | 553       | BENZOPERYLENE              | 011057-45-7 | 160     | 4        | 2        | 5000 | 10      |            | 3E+01     |          | 5E-03 | 1E-06 | 48     |          | 1        | 2         | 1        | 100     |
| 2         | 552       | 554       | BENZALDEHYDE               | 000100-52-7 | 159     | 12       | 6        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        | 3         | 1        | 100     |
| 2         | 553       | 555       | BROMIDE                    | 024959-67-9 | 158     | 11       | 5        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| 1         | 555       | 556       | PROPYLENE GLYCOL           | 000057-55-6 | 156     | 6        | 3        | 1000 | 53      |            |           |          |       |       | 0      |          | 2        |           | 2        | 100     |
| 1         | 556       | 557       | AMMONIUM SULFATE           | 007783-20-2 | 156     | 6        | 3        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 1         | 557       | 558       | 1-ETHYL-3-METHYLBENZENE    | 000620-14-4 | 156     | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 1         | 557       | 558       | 4-NITROTOLUENE             | 000099-99-0 | 156     | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 1         | 557       | 558       | CHLOROFLUOROMETHANE        | 000593-70-4 | 156     | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| 1         | 560       | 561       | BISMUTH-212                | 014913-49-6 | 155     | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 1         | 561       | 562       | SULFUROUS ACID             | 007782-99-2 | 155     | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          | 2        |           | 2        | 100     |
| 1         | 562       | 563       | DICHLOROPROPANE            | 026638-19-7 | 155     | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| 1         | 562       | 563       | ISOBUTYRALDEHYDE           | 000078-84-2 | 155     | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 1         | 562       | 563       | MONOSODIUM METHANEARSONATE | 002163-80-6 | 155     | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| 1         | 565       | 566       | CAPROLACTAM                | 000105-60-2 | 154     | 10       | 5        | 5000 | 10      | 8E-01      |           |          | 8E-01 | 2E-04 | 138    |          |          | 4         | 4        | 1       |
| 0         | 567       | 567       | 3-NITROANILINE             | 000099-09-2 | 120     | 20       | 10       | 5000 | 10      |            | 1E+00     |          | 2E-04 | 4E-08 | 0      |          | 1        | 2         | 1        | 100     |
| 0         | 568       | 568       | PHOSPHATE                  | 014265-44-2 | 119     | 17       | 8        | 5000 | 10      |            |           |          |       |       | 0      |          | 3        | 3         | 3        | 100     |
| 0         | 569       | 569       | 3,5-DIMETHYLPHENOL         | 000108-68-9 | 115     | 3        | 1        | 1000 | 53      |            | 1E+01     |          | 2E-03 | 2E-06 | 60     |          |          | 1         | 1        | 1       |
| 0         | 570       | 570       | CERIUM                     | 007440-45-1 | 114     | 8        | 4        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| -2        | 573       | 571       | BENZOPHENANTHRENE          | 000195-19-7 | 113     | 6        | 3        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 573       | 571       | NEODYMIUM                  | 007440-00-8 | 113     | 6        | 3        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                       | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|----------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| -2        | 573       | 571       | P-CHLOROTOLUENE            | 000106-43-4 | 113     | 6        | 3        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        | 4         | 1        | 100     |
| -2        | 576       | 574       | 2,2-DICHLOROPROPIONIC ACID | 000075-99-0 | 113     | 5        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| -2        | 576       | 574       | DICHLOROTRIFLUOROETHANE    | 034077-87-7 | 113     | 5        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 576       | 574       | DYSPROSIUM                 | 007429-91-6 | 113     | 5        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 576       | 574       | EUROPIUM                   | 007440-53-1 | 113     | 5        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 576       | 574       | PRASEODYMIUM               | 007440-10-0 | 113     | 5        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 576       | 574       | SAMARIUM                   | 007440-19-9 | 113     | 5        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 576       | 574       | TETRACHLOROBENZENE         | 012408-10-5 | 113     | 5        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| -2        | 583       | 581       | YTTERBIUM                  | 007440-64-4 | 112     | 4        | 2        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 584       | 582       | BENZO(B)ANTHRACENE         | 000092-24-0 | 112     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| -2        | 584       | 582       | CHROMIUM-51                | 014392-02-0 | 112     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 584       | 582       | GALLIUM                    | 007440-55-3 | 112     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 584       | 582       | SCANDIUM                   | 007440-20-2 | 112     | 3        | 1        | 5000 | 10      |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 588       | 586       | INDAN                      | 000496-11-7 | 83      | 14       | 7        | 1000 | 53      | 2E-05      | 1E+00     |          | 2E-04 | 2E-07 | 22     |          |          | 7         | 7        | 1       |
| -2        | 589       | 587       | NITRIC ACID                | 007697-37-2 | 67      | 29       | 14       | 1000 | 53      |            |           |          |       |       | 0      |          |          |           |          | 0       |
| -2        | 590       | 588       | BENZO(B)THIOPHENE          | 000095-15-8 | 67      | 12       | 6        | 1000 | 53      | 3E-05      | 3E-01     |          | 1E-04 | 1E-07 | 7      |          |          | 6         | 6        | 1       |
| -2        | 591       | 589       | HYDROGEN PEROXIDE          | 007722-84-1 | 59      | 12       | 6        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           |          | 0       |
| -2        | 592       | 590       | ACETYLENE                  | 000074-86-2 | 58      | 9        | 4        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 593       | 591       | POTASSIUM HYDROXIDE        | 001310-58-3 | 58      | 11       | 5        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 594       | 592       | LIME                       | 001305-78-8 | 58      | 8        | 4        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 594       | 592       | THORIUM-234                | 015065-10-8 | 58      | 8        | 4        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 596       | 594       | ALUMINUM OXIDE             | 001344-28-1 | 57      | 9        | 4        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 596       | 594       | AMMONIUM HYDROXIDE         | 001336-21-6 | 57      | 9        | 4        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 596       | 594       | HEXANOIC ACID              | 000142-62-1 | 57      | 9        | 4        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 599       | 597       | HYDROGEN                   | 001333-74-0 | 57      | 8        | 4        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 600       | 598       | ISOQUINOLINE               | 000119-65-3 | 57      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| -2        | 601       | 599       | 2-PENTANONE                | 000107-87-9 | 56      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 601       | 599       | TRIPHENYLENE               | 000217-59-4 | 56      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 603       | 601       | 3-CHLOROPROPENE            | 000107-05-1 | 56      | 7        | 3        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 603       | 601       | CHLOROANILINE              | 027134-26-5 | 56      | 7        | 3        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 605       | 603       | BUTYRALDEHYDE              | 000123-72-8 | 56      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 605       | 603       | THIOPHENE                  | 000110-02-1 | 56      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 607       | 605       | BROMOETHANE                | 000074-96-4 | 56      | 6        | 3        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 607       | 605       | ZINC CHLORIDE              | 007646-85-7 | 56      | 6        | 3        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 609       | 607       | 4-CHLOROBENZOIC ACID       | 000074-11-3 | 56      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 609       | 607       | BENZOTRIFLUORIDE           | 000098-08-8 | 56      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 609       | 607       | PHENYL ACETIC ACID         | 000122-79-2 | 56      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 609       | 607       | PROMETON                   | 001610-18-0 | 56      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 609       | 607       | TETRACHLOROBUTADIENE       | 058334-79-5 | 56      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 614       | 612       | ANTIMONY TRIOXIDE          | 001309-64-4 | 55      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 614       | 612       | CALCIUM CHLORIDE           | 010043-52-4 | 55      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 614       | 612       | CELLOSOLVE                 | 000110-80-5 | 55      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 614       | 612       | FERRIC CHLORIDE            | 007705-08-0 | 55      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 614       | 612       | TURPENTINE                 | 008006-64-2 | 55      | 5        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|-------------------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| -2        | 619       | 617       | 2-METHYL-2-PROPANOL                 | 000075-65-0 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | 4,4'-(1-METHYLETHYLIDENE)BIS-PHENOL | 000080-05-7 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | AMYL ALCOHOL                        | 000071-41-0 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | BENZOTHAZOLE                        | 000095-16-9 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | FERROUS SULFATE                     | 007720-78-7 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | HEXANAL                             | 000066-25-1 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | MAGNESIUM OXIDE                     | 001309-48-4 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | PENTANOIC ACID                      | 000109-52-4 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | SILICON TETRACHLORIDE               | 010026-04-7 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | SODIUM AZIDE                        | 026628-22-8 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 619       | 617       | SULFONIC ACIDS                      | 308076-40-6 | 55      | 4        | 2        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | 1-(2-PROPENYL)NAPHTHALENE           | 002489-86-3 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | 1-CHLORO-2-BROMOPROPANE             | 003017-95-6 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | 2-CHLOROPYRIDINE                    | 000109-09-1 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | 9,10-ANTHRACENEDIONE                | 000084-65-1 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | AMMONIUM PERSULFATE                 | 007727-54-0 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | BARIUM CHLORIDE                     | 010361-37-2 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | BENZOYL PEROXIDE                    | 000094-36-0 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | BORON TRIFLUORIDE                   | 007637-07-2 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | CHLORONITROBENZENE                  | 025167-93-5 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | DIMETHYLAMINE                       | 000124-40-3 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | HEXAHYDROAZEPINONE                  | 070874-80-5 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | MANGANESE DIOXIDE                   | 001313-13-9 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | METHACRYLONITRILE                   | 000126-98-7 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | NITROMETHANE                        | 000075-52-5 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | P-METHYL STYRENE                    | 000622-97-9 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | PHOSPHORUS OXYCHLORIDE              | 010025-87-3 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | PROPANIL                            | 000709-98-8 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | TANNIN                              | 001401-55-4 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | TELVAR                              | 000150-68-5 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | THIONYL CHLORIDE                    | 007719-09-7 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 630       | 628       | TRIETHANOLAMINE                     | 000102-71-6 | 54      | 3        | 1        | 1000 | 53      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 651       | 649       | VINYL TOLUENE                       | 025013-15-4 | 45      | 6        | 3        | 5000 | 10      |            | 1E+01     |          | 2E-03 | 4E-07 | 31     |          |          | 3         | 3        | 1       |
| -2        | 652       | 650       | DIBENZODIOXIN                       | 000262-12-4 | 21      | 20       | 10       | 5000 | 10      |            | 4E-02     |          | 8E-06 | 2E-09 | 0      |          |          | 2         | 2        | 1       |
| -2        | 653       | 651       | 2-BUTOXYETHANOL                     | 000111-76-2 | 21      | 20       | 10       | 5000 | 10      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 654       | 652       | ACETIC ACID                         | 000064-19-7 | 20      | 19       | 9        | 5000 | 10      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 655       | 653       | 1-BUTANOL                           | 000071-36-3 | 19      | 17       | 8        | 5000 | 10      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 656       | 654       | INDENE                              | 000095-13-6 | 18      | 14       | 7        | 5000 | 10      | 1E-05      |           |          | 1E-05 | 2E-09 | 0      |          |          | 7         | 7        | 1       |
| -2        | 657       | 655       | QUINOLINE                           | 000091-22-5 | 18      | 14       | 7        | 5000 | 10      | 7E-06      |           |          | 7E-06 | 1E-09 | 0      |          |          | 4         | 4        | 1       |
| -2        | 658       | 656       | CYCLOHEXANONE                       | 000108-94-1 | 16      | 13       | 6        | 5000 | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 659       | 657       | METHYL ISOBUTYL CARBINOL            | 000108-11-2 | 15      | 9        | 4        | 5000 | 10      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 660       | 658       | ACETOPHENONE                        | 000098-86-2 | 15      | 10       | 5        | 5000 | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 660       | 658       | SEC-BUTYL ALCOHOL                   | 000078-92-2 | 15      | 10       | 5        | 5000 | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 662       | 660       | ETHYLMETHYLBENZENE                  | 025550-14-5 | 14      | 7        | 3        | 5000 | 10      |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                    | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox  | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD | SC | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|-------------------------|-------------|---------|----------|----------|------|---------|------------|-----------|----------|-----|----|--------|----------|----------|-----------|----------|---------|
| -2        | 662       | 660       | LIME, HYDRATED          | 001305-62-0 | 14      | 7        | 3        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 664       | 662       | ISOBUTYL ALCOHOL        | 000078-83-1 | 14      | 9        | 4        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 665       | 663       | 1-ETHYL-2-METHYLBENZENE | 000611-14-3 | 14      | 8        | 4        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 666       | 664       | 1,4-OXATHIANE           | 015980-15-1 | 14      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 2         | 2        | 1       |
| -2        | 667       | 665       | BROMOBENZENE            | 000108-86-1 | 13      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 667       | 665       | CAMPHOR                 | 000076-22-2 | 13      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 669       | 667       | 2-ETHOXY ETHER ACETATE  | 000111-15-9 | 13      | 7        | 3        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 670       | 668       | CHLORONAPHTHALENE       | 025586-43-0 | 13      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 2         | 2        | 1       |
| -2        | 671       | 669       | DICHLOROTOLUENE         | 029797-40-8 | 13      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 671       | 669       | PHENANTHRIDINE          | 000229-87-8 | 13      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 673       | 671       | BENZONITRILE            | 000100-47-0 | 13      | 6        | 3        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 673       | 671       | ETHANOLAMINE            | 000141-43-5 | 13      | 6        | 3        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 673       | 671       | TRIETHYLAMINE           | 000121-44-8 | 13      | 6        | 3        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 676       | 674       | CYCLOPROPYLBENZENE      | 000873-49-4 | 13      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 676       | 674       | DICHLORONAPHTHALENE     | 028699-88-9 | 13      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 676       | 674       | METHYLBENZOIC ACID      | 025567-10-6 | 13      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 676       | 674       | METHYLPENTANONE         | 063072-44-6 | 13      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 676       | 674       | TRICHLORONAPHTHALENE    | 001321-65-9 | 13      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          | 1         | 1        | 1       |
| -2        | 681       | 679       | 1-HEXANOL               | 000111-27-3 | 12      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 681       | 679       | ADIPIC ACID             | 000124-04-9 | 12      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 681       | 679       | AMMONIUM CHLORIDE       | 012125-02-9 | 12      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 681       | 679       | COAL FLY ASH            | 068131-74-8 | 12      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 681       | 679       | METHYL-2-PYRROLIDINONE  | 051013-18-4 | 12      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 681       | 679       | TRISODIUM PHOSPHATE     | 007601-54-9 | 12      | 5        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 687       | 685       | 2-CYCLOHEXEN-1-ONE      | 000930-68-7 | 12      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 687       | 685       | BORIC ACID              | 010043-35-3 | 12      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 687       | 685       | DICHLOROSILANE          | 004109-96-0 | 12      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 687       | 685       | FURFURAL                | 000098-01-1 | 12      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 687       | 685       | OLEIC ACID              | 000112-80-1 | 12      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 687       | 685       | PHTHALIC ANHYDRIDE      | 000085-44-9 | 12      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 687       | 685       | TITANIUM DIOXIDE        | 013463-67-7 | 12      | 4        | 2        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | 2-PENTANOL              | 006032-29-7 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | ACRYLAMIDE              | 000079-06-1 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | ALUMINIUM HYDROXIDE     | 021645-51-2 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | AMMONIUM THIOCYANATE    | 001762-95-4 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | BORAX                   | 001303-96-4 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | CARBONATE               | 003812-32-6 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | DIBENZ(A,J)ANTHRACENE   | 000224-41-9 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | EDTA                    | 000060-00-4 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | ETHYLENEDIAMINE         | 000107-15-3 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | FLUOROBORIC ACID        | 016872-11-0 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | NITROANILINE            | 029757-24-2 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | NONANOIC ACID           | 000112-05-0 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |
| -2        | 694       | 692       | OLEUM                   | 008014-95-7 | 11      | 3        | 1        | 5000 | 10      |            |           |          |     |    | 0      |          |          |           | 0        | 0       |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                      | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox   | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |   |
|-----------|-----------|-----------|---------------------------|-------------|---------|----------|----------|-------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|---|
| -2        | 694       | 692       | POLYVINYL CHLORIDE        | 009002-86-2 | 11      | 3        | 1        | 5000  | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 694       | 692       | SODIUM HEXAMETAPHOSPHATE  | 010124-56-8 | 11      | 3        | 1        | 5000  | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 694       | 692       | SODIUM SILICATE           | 006834-92-0 | 11      | 3        | 1        | 5000  | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 694       | 692       | TANTALUM                  | 007440-25-7 | 11      | 3        | 1        | 5000  | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 694       | 692       | TRIETHYL PHOSPHATE        | 000078-40-0 | 11      | 3        | 1        | 5000  | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 694       | 692       | TRITON X 100              | 009002-93-1 | 11      | 3        | 1        | 5000  | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 694       | 692       | TURCO                     | 100831-41-2 | 11      | 3        | 1        | 5000  | 10      |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | 1-METHYLPYRENE            | 002381-21-7 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | 1,4-DITHIANE              | 000505-29-3 | 0       | 5        | 2        | 50000 | 0       | 1E+00      |           |          | 1E+00 | 2E-05 | 0      |          | 4        | 4         | 0        | 0       |   |
| -2        | 714       | 712       | 2-BUTOXYETHANOL PHOSPHATE | 039454-62-1 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | 2-METHYL-2,4-PENTANEDIOL  | 000107-41-5 | 0       | 4        | 2        | 50000 | 0       | 2E-01      |           |          | 2E-01 | 4E-06 | 0      |          |          | 2         | 2        | 0       |   |
| -2        | 714       | 712       | 2-NITROANILINE            | 000088-74-4 | 0       | 16       | 8        | 50000 | 0       | 2E-01      | 1E+02     | 1E-04    | 2E-01 | 4E-06 | 0      |          | 2        | 4         | 2        | 0       |   |
| -2        | 714       | 712       | 2-PROPYL-1-HEPTANOL       | 010042-59-8 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | 4-ETHYLTOLUENE            | 000622-96-8 | 0       | 8        | 4        | 50000 | 0       |            |           | 8E-03    | 1E-01 | 2E-06 | 0      |          | 1        | 3         | 1        | 0       |   |
| -2        | 714       | 712       | 9-HEXADECANOIC ACID       | 000057-10-3 | 0       | 19       | 9        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | ACRYLIC ACID POLYMER      | 009003-01-4 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | ARGON                     | 007440-37-1 | 0       | 7        | 3        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | BARIUM SULFATE            | 007727-43-7 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | BATTERIES, SCRAP          | 094551-99-2 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | BENZENEACETIC ACID        | 000103-82-2 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | BENZILIC ACID             | 000076-93-7 | 0       | 11       | 5        | 50000 | 0       | 2E+00      |           |          | 2E+00 | 4E-05 | 0      |          |          | 2         | 2        | 0       |   |
| -2        | 714       | 712       | BENZO(GH)FLUORANTHENE     | 000203-12-3 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 2         | 2        | 0       |   |
| -2        | 714       | 712       | BENZOTHIOPHENE            | 011095-43-5 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | BENZYL ALCOHOL            | 000100-51-6 | 0       | 94       | 46       | 50000 | 0       | 7E-03      | 8E-01     | 4E-05    | 8E-03 | 2E-07 | 0      | 1        | 6        | 9         | 1        | 0       |   |
| -2        | 714       | 712       | BICARBONATE OF SODA       | 000144-55-8 | 0       | 5        | 2        | 50000 | 0       | 2E+03      |           |          | 2E+03 | 3E-02 | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | BUTANOL                   | 035296-72-1 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | BUTYL CARBITOL            | 000112-34-5 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | CALCIUM                   | 007440-70-2 | 0       | 458      | 222      | 50000 | 0       | 1E+02      | 3E+04     | 1E+00    | 1E+02 | 3E-03 | 0      | 41       | 73       | 95        | 41       | 0       |   |
| -2        | 714       | 712       | CALCIUM CARBONATE         | 001317-65-3 | 0       | 35       | 17       | 50000 | 0       | 4E+02      |           |          | 4E+02 | 8E-03 | 0      | 1        | 1        | 1         | 1        | 0       |   |
| -2        | 714       | 712       | CALCIUM SULFATE           | 007778-18-9 | 0       | 6        | 3        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | CARBAMIC ACID             | 000463-77-4 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | CARBON                    | 007440-44-0 | 0       | 19       | 9        | 50000 | 0       |            |           |          |       |       | 0      |          | 1        | 2         | 1        | 0       |   |
| -2        | 714       | 712       | CARBON DIOXIDE            | 000124-38-9 | 0       | 6        | 3        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 2         | 2        | 0       |   |
| -2        | 714       | 712       | CESIUM                    | 007440-46-2 | 0       | 8        | 4        | 50000 | 0       |            |           |          |       |       | 0      |          | 1        |           | 1        | 0       |   |
| -2        | 714       | 712       | CHLORIDE                  | 016887-00-6 | 0       | 310      | 150      | 50000 | 0       | 3E+02      | 3E+02     | 3E-01    | 3E+02 | 7E-03 | 0      | 11       | 14       | 38        | 11       | 0       |   |
| -2        | 714       | 712       | DACTHAL                   | 001861-32-1 | 0       | 3        | 1        | 50000 | 0       | 3E-02      |           |          | 3E-02 | 6E-07 | 0      | 3        | 5        |           | 3        | 0       |   |
| -2        | 714       | 712       | DDE, O,P'-                | 003424-82-6 | 0       | 4        | 2        | 50000 | 0       | 3E-01      |           |          | 3E-01 | 6E-06 | 0      | 1        | 1        | 5         | 1        | 0       |   |
| -2        | 714       | 712       | DIACETONE ALCOHOL         | 000123-42-2 | 0       | 15       | 7        | 50000 | 0       |            |           |          |       |       | 0      | 1        | 1        |           | 1        | 0       |   |
| -2        | 714       | 712       | DICHLOROFLUOROMETHANE     | 000075-43-4 | 0       | 45       | 22       | 50000 | 0       | 1E-01      |           | 2E-02    | 5E-01 | 1E-05 | 0      | 2        | 1        | 12        | 2        | 0       |   |
| -2        | 714       | 712       | DIETHYL CARBITOL          | 000112-36-7 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | ETCHANT BUFFERED OXIDE    | 103171-30-8 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | FATTY ACIDS               | 067254-79-9 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | FERROCYANIDE              | 013408-63-4 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | FREON 114                 | 000076-14-2 | 0       | 8        | 4        | 50000 | 0       |            |           |          | 2E-02 | 3E-01 | 5E-06  | 0        |          |           | 5        | 5       | 0 |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                            | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox   | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |   |
|-----------|-----------|-----------|---------------------------------|-------------|---------|----------|----------|-------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|---|
| -2        | 714       | 712       | GOLD                            | 007440-57-5 | 0       | 8        | 4        | 50000 | 0       |            |           |          |       |       | 0      |          | 1        |           | 1        | 0       |   |
| -2        | 714       | 712       | HELIUM                          | 007440-59-7 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | HEPTANAL                        | 000111-71-7 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | HEXAMETHYLDISILAZANE            | 000999-97-3 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | HEXANEDIOIC ACID, DIOCTYL ESTER | 000123-79-5 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | HYDROGEN CARBONATE              | 000071-52-3 | 0       | 12       | 6        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | INDOLE                          | 000120-72-9 | 0       | 11       | 5        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | IODIDE                          | 020461-54-5 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | IRON                            | 007439-89-6 | 0       | 793      | 384      | 50000 | 0       | 1E+01      | 3E+04     | 9E-03    | 2E+01 | 4E-04 | 0      | 108      | 155      | 354       | 108      | 0       |   |
| -2        | 714       | 712       | IRON OXIDE                      | 001332-37-2 | 0       | 6        | 3        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | LANTHANUM                       | 007439-91-0 | 0       | 11       | 5        | 50000 | 0       |            |           |          | 2E-04 | 3E-03 | 5E-08  | 0        | 2        | 4         |          | 2       | 0 |
| -2        | 714       | 712       | MAGNESIUM                       | 007439-95-4 | 0       | 495      | 240      | 50000 | 0       | 3E+01      | 7E+03     | 3E-02    | 4E+01 | 7E-04 | 0      | 40       | 81       | 129       | 40       | 0       |   |
| -2        | 714       | 712       | MAGNESIUM HYDROXIDE             | 001309-42-8 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | METHYL BENZOATE                 | 000093-58-3 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | METHYLLINDENE                   | 029036-25-7 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | NITROGEN                        | 007727-37-9 | 0       | 42       | 20       | 50000 | 0       | 4E+00      |           |          | 4E+00 | 7E-05 | 0      | 1        | 1        | 2         | 1        | 0       |   |
| -2        | 714       | 712       | NITROGEN OXIDE                  | 010024-97-2 | 0       | 10       | 5        | 50000 | 0       |            |           |          |       |       | 0      | 1        |          |           | 1        | 0       |   |
| -2        | 714       | 712       | OCTADECANOIC ACID               | 000057-11-4 | 0       | 3        | 1        | 50000 | 0       | 3E-02      |           |          | 3E-02 | 5E-07 | 0      |          |          | 2         | 2        | 0       |   |
| -2        | 714       | 712       | OCTANAL                         | 000124-13-0 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | OCTANOIC ACID                   | 000124-07-2 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | OXYGEN                          | 007782-44-7 | 0       | 6        | 3        | 50000 | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 0       |   |
| -2        | 714       | 712       | PHTHALIC ACID                   | 000088-99-3 | 0       | 16       | 8        | 50000 | 0       |            |           |          |       |       | 0      |          | 1        | 8         | 1        | 0       |   |
| -2        | 714       | 712       | POLYESTER RESINS                | 063148-69-6 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | POLYETHYLENE                    | 009002-88-4 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | POLYVINYL ALCOHOL               | 009002-89-5 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | POTASSIUM                       | 007440-09-7 | 0       | 385      | 187      | 50000 | 0       | 1E+01      | 2E+03     | 2E-01    | 2E+01 | 3E-04 | 0      | 30       | 56       | 84        | 30       | 0       |   |
| -2        | 714       | 712       | POTASSIUM CARBONATE             | 000584-08-7 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | POTASSIUM CHLORIDE              | 007447-40-7 | 0       | 4        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | RUBIDIUM                        | 007440-17-7 | 0       | 8        | 4        | 50000 | 0       |            |           |          | 8E-06 | 1E-04 | 2E-09  | 0        | 1        | 2         | 1        | 1       | 0 |
| -2        | 714       | 712       | SILICA, AMORPHOUS               | 007631-86-9 | 0       | 37       | 18       | 50000 | 0       |            |           |          |       |       | 0      | 1        |          |           | 1        | 0       |   |
| -2        | 714       | 712       | SILICON                         | 007440-21-3 | 0       | 39       | 19       | 50000 | 0       | 7E+00      |           |          | 7E+00 | 1E-04 | 0      | 2        | 4        | 2         | 2        | 0       |   |
| -2        | 714       | 712       | SODIUM                          | 007440-23-5 | 0       | 518      | 251      | 50000 | 0       | 2E+02      | 9E+02     | 1E+00    | 2E+02 | 3E-03 | 0      | 48       | 85       | 178       | 48       | 0       |   |
| -2        | 714       | 712       | SODIUM CHLORIDE                 | 007647-14-5 | 0       | 8        | 4        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | SODIUM NITRATE                  | 007631-99-4 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | SODIUM PHOSPHATE                | 007632-05-5 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | SODIUM SULFATE                  | 007757-82-6 | 0       | 8        | 4        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | SODIUM SULFITE                  | 007757-83-7 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | STRONTIUM                       | 007440-24-6 | 0       | 101      | 49       | 50000 | 0       | 1E+01      | 5E+01     | 1E-04    | 1E+01 | 2E-04 | 0      | 3        | 4        | 19        | 3        | 0       |   |
| -2        | 714       | 712       | SULFATE                         | 014808-79-8 | 0       | 305      | 148      | 50000 | 0       | 5E+02      | 6E+03     | 1E-01    | 5E+02 | 1E-02 | 0      | 12       | 24       | 71        | 12       | 0       |   |
| -2        | 714       | 712       | SULFUR HEXAFLUORIDE             | 002551-62-4 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | TETRADECANOIC ACID              | 000544-63-8 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | TETRAHYDRONAPHTHALENE           | 000119-64-2 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | TETRAMETHYLBENZENE              | 025619-60-7 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |   |
| -2        | 714       | 712       | TRICHLOROTRIFLUOROETHANE        | 026523-64-8 | 0       | 27       | 13       | 50000 | 0       | 5E-02      | 8E-02     | 2E-02    | 3E-01 | 6E-06 | 0      | 1        | 6        | 7         | 1        | 0       |   |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                     | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox   | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC    | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |
|-----------|-----------|-----------|--------------------------|-------------|---------|----------|----------|-------|---------|------------|-----------|----------|-------|-------|--------|----------|----------|-----------|----------|---------|
| -2        | 714       | 712       | TRIFLUOROMETHANE         | 000075-46-7 | 0       | 5        | 2        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 714       | 712       | TROMETHAMINE             | 000077-86-1 | 0       | 3        | 1        | 50000 | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 714       | 712       | YTTRIUM                  | 007440-65-5 | 0       | 29       | 14       | 50000 | 0       |            | 1E-01     | 6E-06    | 1E-04 | 2E-09 | 0      | 2        | 3        | 1         | 2        | 0       |
| -2        | 714       | 712       | ZIRCONIUM                | 007440-67-7 | 0       | 22       | 11       | 50000 | 0       |            | 1E+03     | 2E-05    | 2E-01 | 4E-06 | 0      | 1        | 5        |           | 1        | 0       |
| -2        | 799       | 797       | 1,2,3-TRIMETHYLBENZENE   | 000526-73-8 | -1      | 4        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 799       | 797       | 1,2,4-TRIMETHYLBENZENE   | 000095-63-6 | -1      | 71       | 34       | 0     | 0       | 8E-03      | 2E+02     | 1E-02    | 3E-01 |       | 0      | 6        | 17       | 20        | 6        | 201     |
| -2        | 799       | 797       | 1,3-DIMETHYLCYCLOPENTANE | 002453-00-1 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | 1,3,5-CYCLOHEPTATRIENE   | 000544-25-2 | -1      | 6        | 3        | 0     | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 799       | 797       | 1,3,5-TRIMETHYLBENZENE   | 000108-67-8 | -1      | 49       | 24       | 1000  | 53      | 9E-02      | 4E+02     | 8E-03    | 3E-01 | 3E-04 | 148    | 4        | 9        | 15        | 4        | 201     |
| -2        | 799       | 797       | 2-HEXENE                 | 000592-43-8 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | 2-METHYL-1-PENTENE       | 000763-29-1 | -1      | 4        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| -2        | 799       | 797       | 2-METHYLBUTANE           | 000078-78-4 | -1      | 7        | 3        | 0     | 0       |            |           |          |       |       | 0      | 1        | 1        | 1         | 1        | 200     |
| -2        | 799       | 797       | 2-METHYLHEXANE           | 000591-76-4 | -1      | 4        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | 2-METHYLPENTANE          | 000107-83-5 | -1      | 4        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| -2        | 799       | 797       | 3-METHYLHEXANE           | 000589-34-4 | -1      | 6        | 3        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | 3-METHYLPENTANE          | 000096-14-0 | -1      | 6        | 3        | 0     | 0       |            |           |          |       |       | 0      |          | 1        | 1         | 1        | 100     |
| -2        | 799       | 797       | 4-METHYLOCTANE           | 002216-34-4 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | AUTOMOTIVE GASOLINE      | 008006-61-9 | -1      | 32       | 16       | 0     | 0       | 4E-01      | 5E+03     |          | 1E+00 |       | 0      | 1        | 3        | 2         | 1        | 200     |
| -2        | 799       | 797       | BUTANE                   | 000106-97-8 | -1      | 10       | 5        | 0     | 0       |            |           |          | 6E-02 | 9E-01 | 0      | 1        |          | 3         | 1        | 200     |
| -2        | 799       | 797       | BUTYLBENZENE             | 068411-44-9 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 799       | 797       | CUTTING OIL              | 064771-79-5 | -1      | 4        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | CYCLOHEXADECANE          | 000295-65-8 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 799       | 797       | CYCLOPENTANE             | 000287-92-3 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | DECANE                   | 000124-18-5 | -1      | 21       | 10       | 0     | 0       |            |           |          | 2E-01 | 3E+00 | 0      |          | 2        | 1         | 2        | 100     |
| -2        | 799       | 797       | DICYCLOPENTADIENE        | 000077-73-6 | -1      | 5        | 2        | 0     | 0       | 2E-01      |           |          | 2E-01 |       | 0      |          | 1        | 3         | 1        | 100     |
| -2        | 799       | 797       | DIESEL FUEL              | 068334-30-5 | -1      | 28       | 14       | 0     | 0       | 4E-01      | 4E+02     |          | 4E-01 |       | 0      | 1        | 3        | 5         | 1        | 200     |
| -2        | 799       | 797       | DIMETHYL HEXANE          | 028777-67-5 | -1      | 3        | 1        | 0     | 0       |            |           |          | 3E-02 | 5E-01 | 0      |          |          | 2         | 2        | 1       |
| -2        | 799       | 797       | DIMETHYLCYCLOHEXANE      | 027195-67-1 | -1      | 5        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 799       | 797       | DIMETHYLHEPTANE          | 030498-66-9 | -1      | 4        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | DODECANE                 | 000112-40-3 | -1      | 8        | 4        | 0     | 0       |            |           |          |       |       | 0      |          | 1        |           | 1        | 100     |
| -2        | 799       | 797       | EICOSANE                 | 000112-95-8 | -1      | 5        | 2        | 0     | 0       | 2E-02      | 1E+03     |          | 3E-01 |       | 0      | 1        |          | 6         | 1        | 200     |
| -2        | 799       | 797       | ETHANE                   | 000074-84-0 | -1      | 7        | 3        | 0     | 0       |            |           |          |       |       | 0      |          |          | 2         | 2        | 1       |
| -2        | 799       | 797       | ETHYLENE                 | 000074-85-1 | -1      | 13       | 6        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | FUEL OIL NO. 2           | 068476-30-2 | -1      | 4        | 2        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | FUEL OIL NO. 6           | 068553-00-4 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 799       | 797       | GREASE                   | 068153-81-1 | -1      | 8        | 4        | 0     | 0       |            |           |          |       |       | 0      |          |          | 4         | 4        | 1       |
| -2        | 799       | 797       | HENEICOSANE              | 000629-94-7 | -1      | 3        | 1        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | HEPTADECANE              | 000629-78-7 | -1      | 18       | 9        | 0     | 0       | 2E-01      | 3E+02     |          | 2E-01 |       | 0      | 1        |          | 6         | 1        | 200     |
| -2        | 799       | 797       | HEXADECANE               | 000544-76-3 | -1      | 16       | 8        | 0     | 0       |            | 2E+02     |          | 4E-02 |       | 0      | 1        | 1        | 6         | 1        | 200     |
| -2        | 799       | 797       | JP-4                     | 050815-00-4 | -1      | 8        | 4        | 0     | 0       | 1E+00      |           |          | 1E+00 |       | 0      |          |          | 1         | 1        | 1       |
| -2        | 799       | 797       | KEROSENE                 | 008008-20-6 | -1      | 23       | 11       | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |
| -2        | 799       | 797       | METHYLCYCLOHEXANE        | 000108-87-2 | -1      | 23       | 11       | 0     | 0       |            | 5E-01     |          | 1E-04 |       | 0      |          | 1        | 4         | 1        | 100     |
| -2        | 799       | 797       | METHYLCYCLOPENTANE       | 000096-37-7 | -1      | 13       | 6        | 0     | 0       |            |           |          |       |       | 0      | 1        |          | 3         | 1        | 200     |
| -2        | 799       | 797       | MINERAL OIL              | 008012-95-1 | -1      | 7        | 3        | 0     | 0       |            |           |          |       |       | 0      |          |          |           | 0        | 0       |

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## SUMMARY DATA FOR 2007 PRIORITY LIST OF HAZARDOUS SUBSTANCES

## ATSDR, DIVISION OF TOXICOLOGY AND ENVIRONMENTAL MEDICINE

| Rank Diff | 2005 Rank | 2007 Rank | Name                                | CAS         | Tot Pts | NPL Freq | Freq Pts | Tox | Tox Pts | GMMC Water | GMMC Soil | GMMC Air | TDD   | SC | SC Pts | Exp to C | Exp to M | PExp to M | Exp Used | Exp Pts |   |
|-----------|-----------|-----------|-------------------------------------|-------------|---------|----------|----------|-----|---------|------------|-----------|----------|-------|----|--------|----------|----------|-----------|----------|---------|---|
| -2        | 799       | 797       | MINERAL SPIRITS                     | 064475-85-0 | -1      | 11       | 5        | 0   | 0       |            |           |          |       |    | 0      |          |          |           |          | 0       | 0 |
| -2        | 799       | 797       | N-BUTYLBENZENE                      | 000104-51-8 | -1      | 21       | 10       | 0   | 0       | 3E-02      | 3E-01     | 4E-03    | 9E-02 |    | 0      | 1        | 5        | 3         | 1        | 200     |   |
| -2        | 799       | 797       | N-HEPTANE                           | 000142-82-5 | -1      | 27       | 13       | 0   | 0       |            |           | 3E-03    | 4E-02 |    | 0      | 2        | 2        | 3         | 2        | 200     |   |
| -2        | 799       | 797       | N-PENTANE                           | 000109-66-0 | -1      | 27       | 13       | 0   | 0       |            |           | 9E-01    | 1E+01 |    | 0      | 2        |          | 6         | 2        | 200     |   |
| -2        | 799       | 797       | N-PROPYL BENZENE                    | 000103-65-1 | -1      | 32       | 16       | 0   | 0       | 6E-03      | 1E+01     | 1E-02    | 2E-01 |    | 0      | 2        | 7        | 4         | 2        | 200     |   |
| -2        | 799       | 797       | N-TETRADECANE                       | 000629-59-4 | -1      | 3        | 1        | 0   | 0       |            |           |          |       |    | 0      |          | 1        |           | 1        | 100     |   |
| -2        | 799       | 797       | N-UNDECANE                          | 001120-21-4 | -1      | 5        | 2        | 0   | 0       |            |           |          |       |    | 0      |          | 1        |           | 1        | 100     |   |
| -2        | 799       | 797       | NAPALM                              | 008031-21-8 | -1      | 5        | 2        | 0   | 0       |            |           |          |       |    | 0      |          |          |           |          | 0       | 0 |
| -2        | 799       | 797       | NAPHTHA                             | 008030-30-6 | -1      | 28       | 14       | 0   | 0       |            |           |          |       |    | 0      |          |          | 2         | 2        | 1       |   |
| -2        | 799       | 797       | NONANE                              | 000111-84-2 | -1      | 16       | 8        | 0   | 0       |            |           |          |       |    | 0      |          | 1        |           | 1        | 100     |   |
| -2        | 799       | 797       | OCTADECANE                          | 000593-45-3 | -1      | 4        | 2        | 0   | 0       | 9E-01      | 4E+02     |          | 9E-01 |    | 0      | 1        |          | 4         | 1        | 200     |   |
| -2        | 799       | 797       | OCTANE                              | 000111-65-9 | -1      | 22       | 11       | 0   | 0       |            |           | 7E-03    | 1E-01 |    | 0      |          | 1        | 2         | 1        | 100     |   |
| -2        | 799       | 797       | PENTADECANE                         | 000629-62-9 | -1      | 11       | 5        | 0   | 0       |            |           |          |       |    | 0      |          | 1        | 3         | 1        | 100     |   |
| -2        | 799       | 797       | PETROLEUM AND PETROLEUM DISTILLATES | 008002-05-9 | -1      | 115      | 56       | 0   | 0       | 1E+02      | 1E+04     |          | 1E+02 |    | 0      | 1        | 2        | 24        | 1        | 200     |   |
| -2        | 799       | 797       | PETROLEUM ETHER                     | 008032-32-4 | -1      | 3        | 1        | 0   | 0       |            |           |          |       |    | 0      |          |          |           |          | 0       | 0 |
| -2        | 799       | 797       | PROPANE                             | 000074-98-6 | -1      | 12       | 6        | 0   | 0       |            |           |          |       |    | 0      | 1        |          |           | 1        | 200     |   |
| -2        | 799       | 797       | PROPENYLBENZENE                     | 000637-50-3 | -1      | 5        | 2        | 0   | 0       |            |           |          |       |    | 0      |          |          |           |          | 0       | 0 |
| -2        | 799       | 797       | PROPYLENE                           | 000115-07-1 | -1      | 9        | 4        | 0   | 0       |            |           | 2E-03    | 2E-02 |    | 0      | 1        |          | 3         | 1        | 200     |   |
| -2        | 799       | 797       | STODDARD SOLVENT                    | 008052-41-3 | -1      | 7        | 3        | 0   | 0       |            |           |          |       |    | 0      |          |          |           |          | 0       | 0 |
| -2        | 799       | 797       | TRIDECANE                           | 000629-50-5 | -1      | 6        | 3        | 0   | 0       |            |           |          |       |    | 0      |          | 1        |           | 1        | 100     |   |
| -2        | 799       | 797       | TRIMETHYL BENZENE                   | 025551-13-7 | -1      | 25       | 12       | 0   | 0       |            |           | 7E-02    | 1E+00 |    | 0      |          |          | 5         | 5        | 1       |   |
| -2        | 799       | 797       | TRIMETHYLCYCLOHEXANE                | 003073-66-3 | -1      | 5        | 2        | 0   | 0       |            |           |          |       |    | 0      |          | 1        |           | 1        | 100     |   |
| -2        | 799       | 797       | TRIMETHYLPENTANE                    | 029222-48-8 | -1      | 6        | 3        | 0   | 0       |            |           |          |       |    | 0      |          |          | 1         | 1        | 1       |   |

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