DRAFT

45898

RISK-BASED STANDARDS CHEMICALS OF INTEREST DATABASE DOCUMENTATION

Authors: K.M. Fowler
K.B. Miller
M.O. Hogan
J.F. Donaghue

April 1993

Acknowledgements

This document was prepared jointly by staff of the U.S. Department of Energy (DOE) Office of Environmental Guidance and Pacific Northwest Laboratory (PNL). Individuals who provided technical direction, reviewed, and wrote sections of this report include H. Beckert and A. Wallo with DOE, and K. M. Fowler, K. B. Miller, M. O. Hogan, and J. F. Donaghue with PNL.

START 9713508.0008

0045898

DRAFT

RISK-BASED STANDARDS CHEMICALS OF INTEREST DATABASE DOCUMENTATION

April 1993

NOV 1996
RECEIVED
EDMC

OFFICE OF ENVIRONMENTAL GUIDANCE
AIR, WATER AND RADIATION DIVISION

Prepared for
U. S. Department of Energy
under Contract DE-AC06-76LO 1830

Prepared by
Pacific Northwest Laboratory
Richland, Washington 99352

Printed with soy ink on recycled paper

1.0 INTRODUCTION

A comprehensive set of risk-based standards, or methods to generate such standards, is needed by the U.S. Department of Energy (DOE) to conduct its waste management, environmental restoration, and decontamination and decommissioning activities. The purpose of the Risk-Based Standards (RBS) program is to identify areas where standards are needed by DOE and to develop (or support the development of) those standards or to develop standardized, documented methods to set required standards. One of the first tasks in the RBS program is to gather information on hazardous and radioactive substances that are found as contaminants or that are stored at DOE facilities (i.e., chemicals of interest). These data have been, and continue to be, entered into a spreadsheet format, thereby facilitating data manipulation.

1.1 PURPOSE

This report describes the data that have been entered into the spreadsheet and gives examples of how the data can be manipulated. The spreadsheet will be used as a tool for cataloging and prioritizing contaminants for which environmental standards are needed, and as a reference document throughout the RBS project.

1.2 BACKGROUND

DOE is responsible for a number of facilities where hazardous or radioactive substances are generated, treated, stored, and/or disposed. Over 4,000 active and inactive waste facilities have been identified at DOE facilities nationwide. The storage of hazardous and radioactive substances and the remediation of soil, groundwater, or surface water in which these substances have been detected are the subject of a number of environmental laws and regulations. DOE is currently identifying the types of substances generated, used, or present at its facilities as the first step in determining which regulations apply and how best to bring its facilities into compliance.

The multiple regulatory procedures and environmental standards with which DOE must comply create a complicated challenge because numerous regulatory gaps and inconsistencies exist. Areas have also been identified where more information is required to determine applicable cleanup standards. The purpose of this task, of which this report and spreadsheet are a part, is to identify and catalogue contaminants present at DOE facilities. This identification and cataloguing process will allow gaps and inconsistencies among existing environmental risk-based standards to be explored, and will assist DOE in developing cleanup standards that address its waste management, environmental restoration, and decontamination and decommissioning activities.

2.0 DATA COLLECTION AND INPUT

Data on substances at DOE facilities have been collected from Superfund Amendments and Reauthorization Act (SARA) Title III reports; remedial investigation/feasibility study (RI/FS) reports; NUS Corporation environmental survey data; and other environmental reports listing pollutants, contaminants, and substances in storage. The 289 substances identified in the PNL draft report "Status of Existing Federal Environmental Risk-Based Standards That Are Applicable to DOE Operations," are also included. Data collection is an ongoing process, and the spreadsheet will be continually updated throughout the RBS project. The spreadsheet presently contains data from the following sites:

- Albuquerque Microelectronics Operation (AMES)
- Argonne National Laboratory (ANL)
- Brookhaven National Laboratory (BNL)
- Fermi National Accelerator Laboratory (FNAL)
- Fernald Environmental Management Project (FEMP)
- Hanford Facility (HAN)
- Idaho National Engineering Laboratory (INEL)
- Inhalation Toxicology Research Institute (ITRI)
- Kansas City Plant (KCP)
- Laboratory for Environmental and Health Research (LEHR)
- Lawrence Berkeley Laboratory (LBL)
- Lawrence Livermore National Laboratory (LLNL)
- Los Alamos National Laboratory (LANL)
- Mound Plant (MP)
- Nevada Test Facility (NTS)
- Oak Ridge Reservation (OAK)
- Paducah Gaseous Diffusion Plant (PAD)
- Pantex Plant (PANT)
- Pinellas Plant (PP)
- Portsmouth Gaseous Diffusion Plant (PORT)
- Princeton University (PRIN)
- Rocky Flats Plant (RF)
- Sandia National Laboratory - Albuquerque (SNLA)
- Sandia National Laboratory - Livermore (SNLL)
- Santa Susana Field Laboratory (SSFL)
- Savannah River Facility (SAV).

The spreadsheet contains the following columns of data:

- Name of substance
- Chemical Abstract Service (CAS) Number
- Synonyms
- Facility
- Environmental medium (i.e., location of contaminants)
- Storage on facility (X indicates the substance is stored)
- Source of data (i.e., reference)
- Chemical group classification.

The Chemical Abstract Service (CAS) numbers were obtained primarily from the "Chemical Abstracts Registry." Compound names, which were supplied with non-specific designation of the location of side groups, are not given a CAS number unless a CAS number was identified for isomer mixtures of that compound. If the compound was not found in the "Chemical Abstracts Registry," PNL's "Chemical Data Bases for the Multimedia Environmental Pollutant Assessment System" and the "SARA Title III List of Lists" were examined. For various reasons, some CAS numbers were not located. In this situation, the CAS number field will remain blank.

The chemical group classification method is based on the individual compound's primary structure and reactivity. If a compound could fall into two or more different categories, it would be placed in the category in which it is best known. For example, the compound pentachloronitrobenzene could fall into either group 1 or 3. Since it is best known as the fungicide Quintozene, it would be placed in group 3 (halogenated pesticides and herbicides). If a determination could not be made about a specific chemical, it would be placed in group 12 (miscellaneous compounds).

The data are organized into the following 13 chemical groups (the numbers are the same that appear in the group column of the spreadsheet):

1 - halogenated aromatic compounds
2 - halogenated aliphatic compounds
3 - halogenated pesticides and herbicides
4 - non-halogenated nitrated compounds
5 - non-halogenated simple aromatic
6 - non-halogenated polynuclear aromatic

7 - non-halogenated organic compounds with polar groups
8 - aliphatic hydrocarbons, pure and mixtures
9 - metals and metal compounds
10 - inorganic non-metals and non-metal compounds
11 - radionuclides
12 - miscellaneous compounds
13 - minerals, cement, paints, epoxies, etc.

To avoid inconsistencies, the information recorded in the "chemical name" column on the spreadsheet was the accepted international name for the substance. Where this name differed from the one used by a facility, the name used by the facility was placed in the "synonym" column.

Within the spreadsheet, a specific chemical may be listed several times, but only once per facility. When a pollutant or contaminant is identified, the contaminated medium is indicated by:

- AR (air)
- GW (groundwater)
- SD (sediment)
- SO (soil)
- SW (surface water)
- TW (tank wastes)
- NA (not available)
- NS (not specified).

The utility and quality of the spreadsheet depends on the quality of the data received from each facility. Data quality and quantity vary from facility to facility, which may cause some inconsistencies. It will be necessary for DOE field offices to assist the DOE Office of Environment Safety, and Health in minimizing inconsistencies among data sets.

3.0 USE OF THE SPREADSHEET

Spreadsheet data can be manipulated to sort by any of the columns (i.e., chemical group, name or synonym, CAS#, or contaminated medium.) The data can be analyzed for specific information by grouping the data using different criteria. The following examples use the data for different purposes. They are not intended to demonstrate the limits of data manipulation.

Figure 2.1 displays the breakdown by group number of the approximately 2890 chemical contaminants and chemicals stored across the DOE complex. Group 11 (radionuclides) is the most frequently found chemical at DOE sites, followed by group 9 (metals and non-metals).

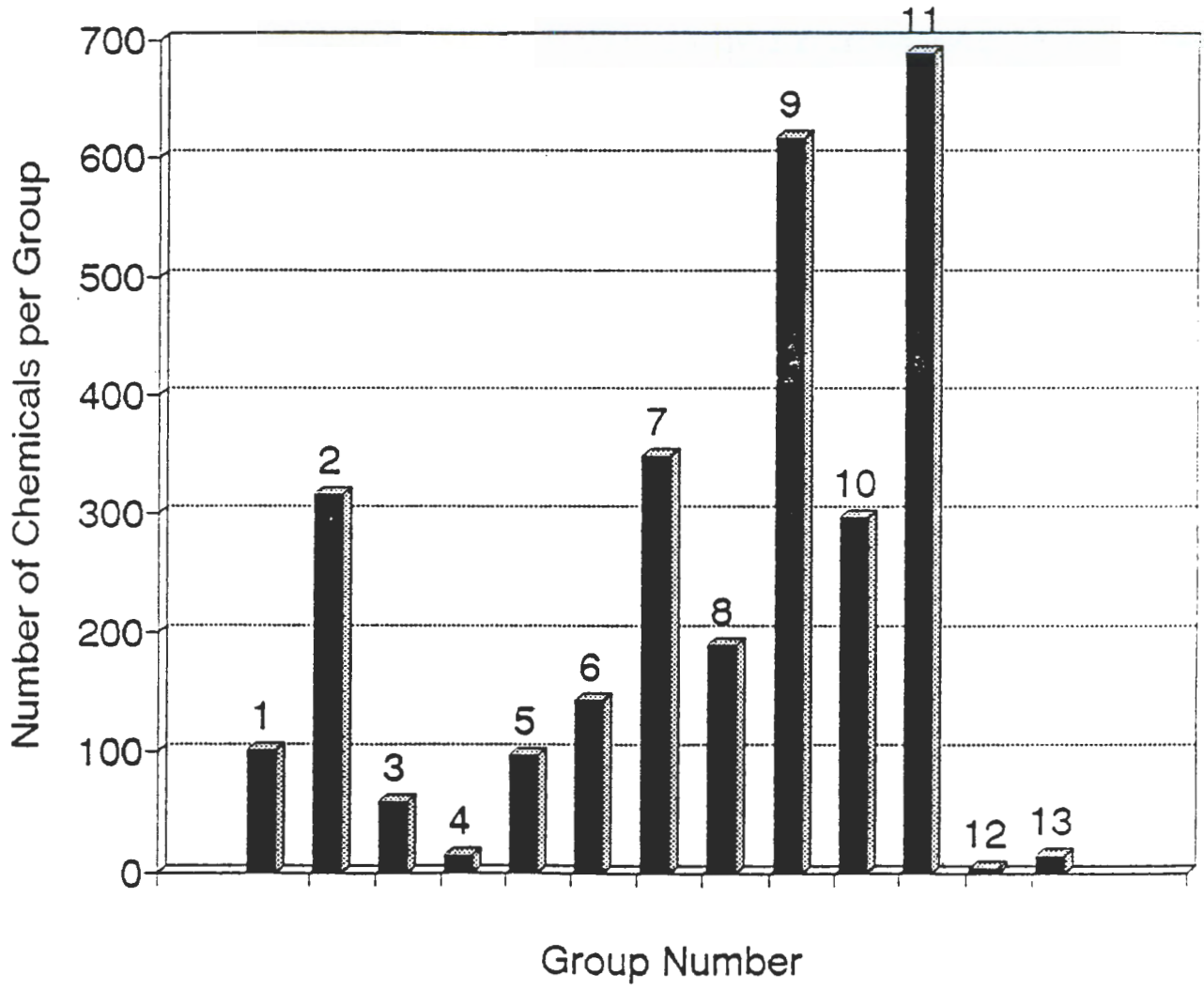

FIGURE 2.1. DOE Chemicals of Interest by Group

Figure 2.2 displays the number of unique chemicals found for each chemical group. This figure demonstrates how many different chemicals will have to be considered within each of the larger chemical groups. Once again, group 11 (radionuclides) is the most complex; group 7 (non-halogenated organic compounds) is second, and group 9 (metals and non-metals) is third.

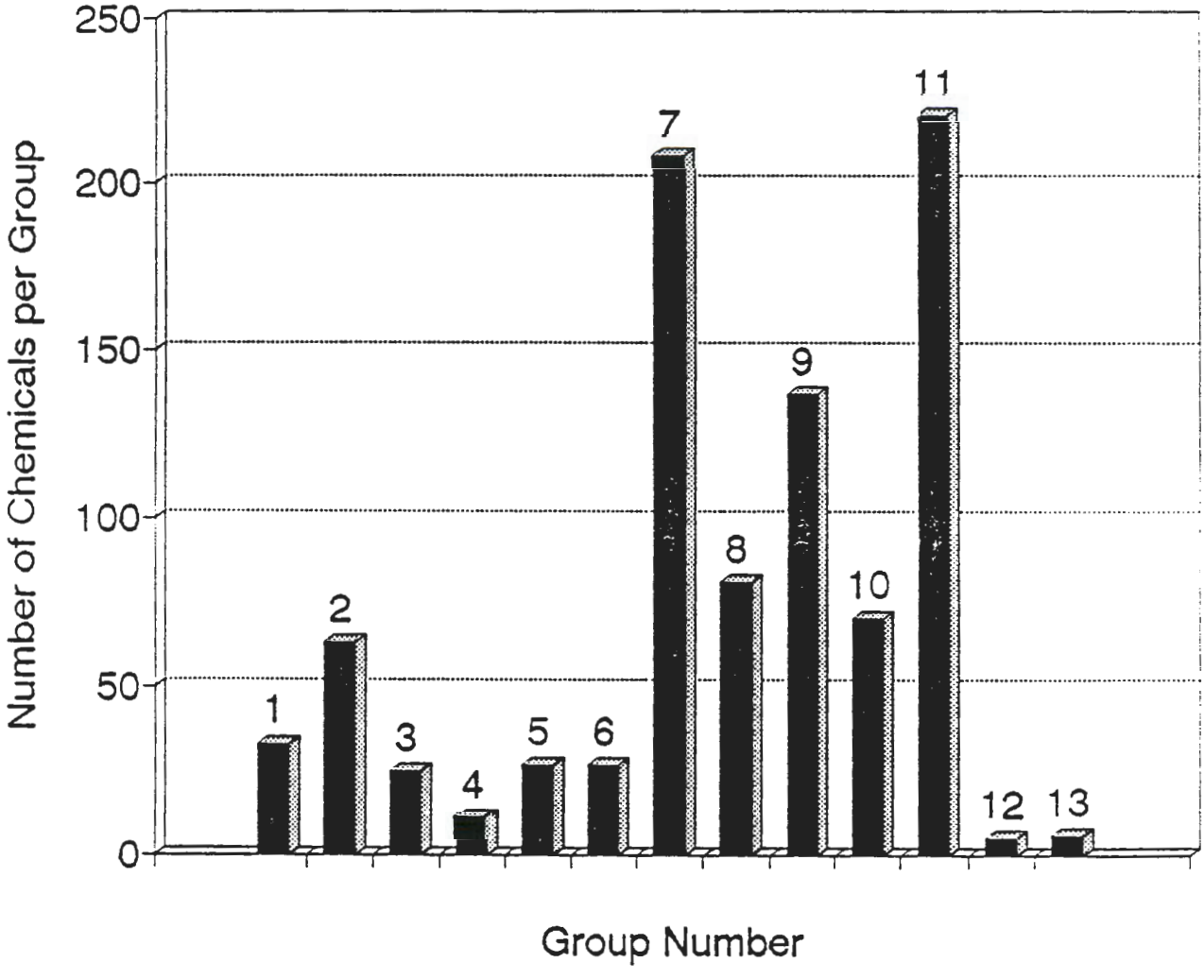

FIGURE 2.2. Unique Chemicals of Interest by Group

Figure 2.3 breaks down the number of radionuclides listed per site. If the site had 12 radionuclides or less, it was grouped into the "other" category.

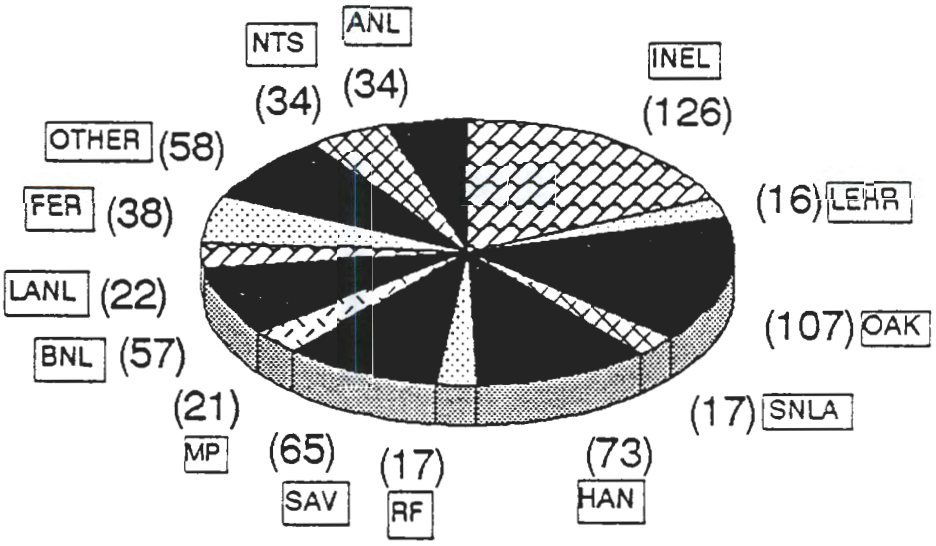

FIGURE 2.3. Radionuclides by site

Figure 2.4 compares the percentage of chemicals, in storage or as contaminants or both. The data currently show most chemicals are contaminants (84.4%), some are both (8.1%), but the lowest percentage (7.5%) are in storage and not listed as contaminants.

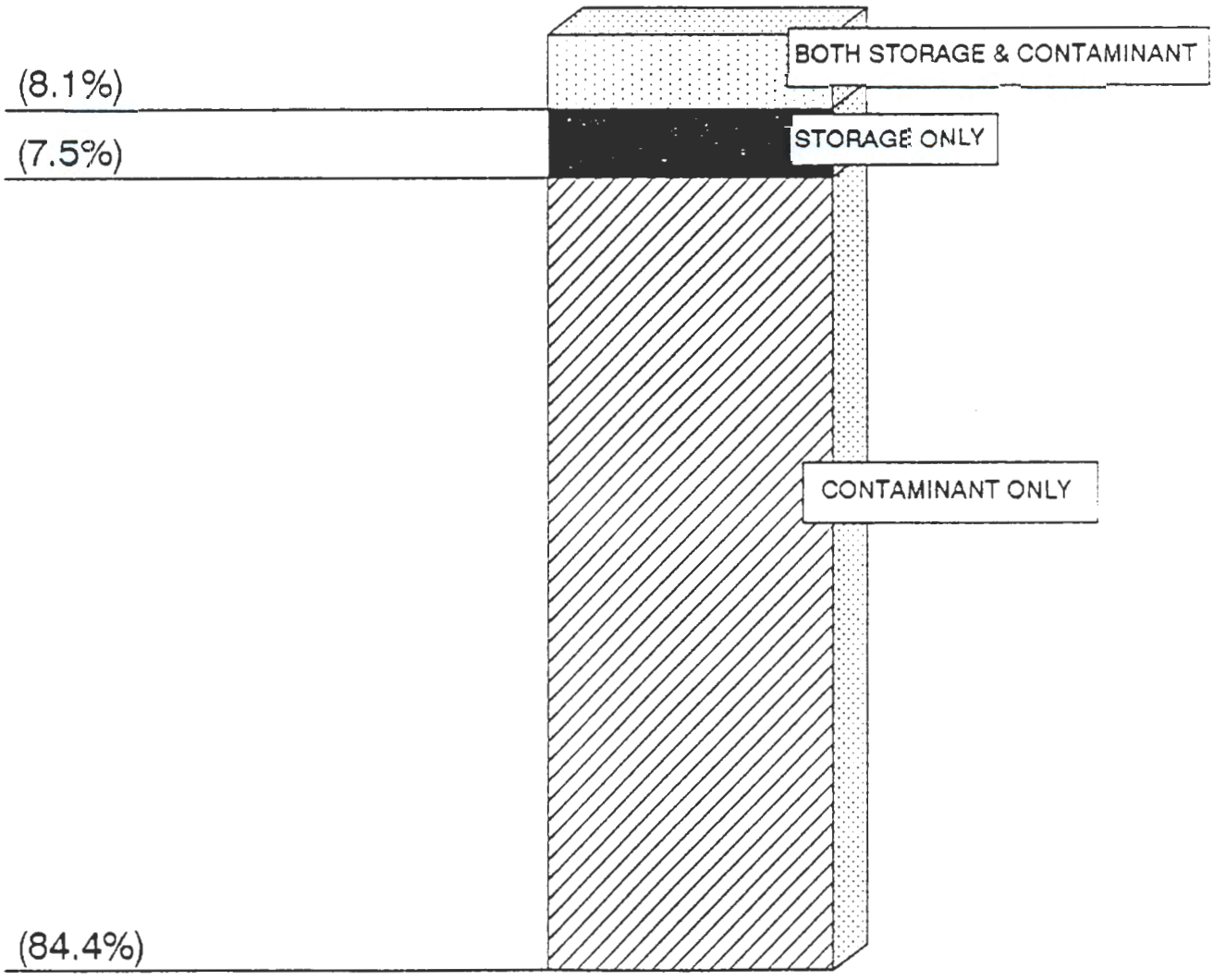

FIGURE 2.4. Percentage of Chemicals in Storage vs. Contamination

The spreadsheet could potentially be used to support the creation of prioritization models for the entire DOE complex and for individual facilities. Data searches can be performed for specific chemicals of interest, for specific groups of chemicals, and for closer examination of the chemicals at each site. The possibilities for these data are numerous, but could expand even further with the collection of chemical quantity data for each site. The data gathered at each site will vary in detail, but this spreadsheet can adjust to the data that are commonly available and applicable to risk-based standards.

The information in the spreadsheet will improve as the facilities gain a better understanding of the type, extent, and magnitude of contamination and the need for new or additional waste management activities. The spreadsheet will be updated as new information becomes available. Facilities are encouraged to submit data on chemical storage and contamination as promptly as possible, so that the spreadsheet can be kept up-to-date.

Data entered into the spreadsheet as of January 1993 are found in Appendix A, sorted by facility. The spreadsheet and its documentation will be updated as more data become available. A list of the references used to gather the data can be found in Appendix B.

9713508.0014

APPENDIX A

ALBUQUERQUE MICROELECTRONICS OPERATION AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ASBESTOS (CROC)	12001-28-4	CROCIDOLITE	AMES	SW,GW,SO		MEPA	13
BERYLLIUM	7440-41-7		AMES	SW,GW,SO		MEPA	9
CHROMIUM (IV)	15723-28-1		AMES	SW,GW,SO		MEPA	9
CYANIDE	57-12-5		AMES	SW,GW,SO		MEPA	10
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	AMES	AR		TCRI	10
MERCURY	7439-97-6		AMES	SW,GW,SO		MEPA	9
POTASSIUM HYDROXIDE	1310-58-3	POTASH LYE	AMES	SW,GW,SO		MEPA	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	AMES	SW,GW,SO		MEPA	9
SULFURIC ACID	7664-93-9		AMES	AR		TCRI	10
THALLIUM	7440-28-0		AMES	SW,GW,SO		MEPA	9
THORIUM 230	14268-63-7		AMES	SW,GW,SO		MEPA	11
THORIUM 232			AMES	SW,GW,SO		MEPA	11
URANIUM	7440-61-1		AMES	SW,GW,SO		MEPA	9
URANIUM 234	13966-29-5		AMES	SW,GW,SO		MEPA	11
URANIUM 235	15117-96-1		AMES	SW,GW,SO		MEPA	11
URANIUM 238	24678-82-8		AMES	SW,GW,SO		MEPA	11

97150800.0015

ARGONNE NATIONAL LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	ANL	SW,GW,SO,SD,AR		MEPA	7
ALUMINUM	7429-90-5		ANL	GW,SO		MEPA	9
AMERICIUM 241	7440-35-9		ANL	SW,SO,SD		ANL	11
AMMONIA NITROGEN			ANL	SW		ANL	10
ARGON 41	14153-25-8		ANL	AR		ANL	11
AROCLOR 1248 (PCB)	12672-29-6	CHLORODIPHENYL	ANL	SW,GW,SO		MEPA	1
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	ANL	SW,GW,SO		MEPA	1
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	ANL	SW,GW,SO		MEPA	1
ARSENIC	7440-38-2		ANL	SW,GW,SO,SD		MEPA	9
ASBESTOS (CROC)	12001-28-4	CROCIDOLITE	ANL	GW,SO		MEPA	13
BARIUM	7440-39-3		ANL	SW,GW,SO,AR		MEPA	9
BENZENE	71-43-2	ANNULENE	ANL	SW,GW,SO,SD,AR		MEPA	5
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	ANL	GW,SO		MEPA	6
BERYLLIUM	7440-41-7		ANL	SW,GW,AR		MEPA,ANL	9
BISMUTH 212	14913-49-6		ANL	AR		ANL	11
CADMIUM	7440-43-9		ANL	GW,SO,SW		MEPA,ANL	9
CALCIUM HYDROXIDE	1305-62-0	SLAKED LIME	ANL		X	T2	9
CALCIUM OXIDE	1305-78-8	LIME	ANL		X	T2	9
CALIFORNIUM 249	15237-97-5		ANL	SW		ANL	11
CALIFORNIUM 252	13981-17-4		ANL	SW		ANL	11
CARBON 11	14333-33-6		ANL	AR		ANL	11
CESIUM 137	10045-97-3		ANL	TW,SW,GW,SO,SD		ERIS,ANL	11
CESIUM 137+D			ANL	SW,GW		MEPA	11
CHLORINE	7782-50-5		ANL		X	T2	10
CHROMIUM (IV)	15723-28-1		ANL	SW,GW,SO,SD,AR		ERIS,MEPA	9
COBALT	7440-48-4		ANL	SW,GW,SO,SD		MEPA	9
COBALT 60	10198-40-0		ANL	SW,GW,SO,AR		MEPA,ANL	11
COPPER	7440-50-8		ANL	SW,GW,SO,AR		MEPA	9
CURIUM 242	15510-73-3		ANL	SW		ANL	11
CURIUM 244	13981-15-2		ANL	SW		ANL	11
CYANIDE	57-12-5		ANL	GW		MEPA	10
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	ANL	SO		MEPA	3
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	ANL	GW,SO		MEPA	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	ANL	GW,SO		MEPA	2
DICHLOROETHYLENE	72-55-9	DDE	ANL	SO		MEPA	2
DICHLOROETHYLENE, 1,2-	540-59-0		ANL	GW		ANL	2
DICHLOROETHYLENE, 1,2-cis-	156-59-2		ANL	GW		ANL	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	ANL	GW,SO		MEPA	2
DIESEL FUEL			ANL	SW,GW,SO,SD,AR	X	MEPA,ANL	8
DIETHYL ETHER	60-29-7	ETHYL ETHER	ANL	SW,GW,SO,SD,AR		MEPA	7
DIETHYL PHTHALATE	84-66-2	NEANTINE	ANL	GW		ANL	7
DIMETHYL ETHER	115-10-6	METHYL ETHER	ANL	SW,SD		MEPA	2
DIPHENYL ETHER	101-84-8	PHENOXYBENZENE	ANL		X	ANL	7
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	ANL	SW,SD		MEPA	7

ETHYLBENZENE	100-41-4	PHENYLETHANE	ANL	SW,SO,SD		MEPA	5
FLUORANTHENE	206-44-0	IDRYL	ANL	GW		MEPA	6
FLUORIDE	7782-41-4		ANL	SW,GW,SO,AR		MEPA	10
FLUOROTRICHLOROMETHANE	75-69-4	FREON 11	ANL		X	ANL	2
FUEL OIL			ANL		X	ANL	8
FUEL OIL #2	68476-34-6		ANL	GW,SO		MEPA	8
GASOLINE	8006-61-9		ANL	GW,SO	X	T2,MEPA	8
HYDRAZINE	302-01-2	DIAMINE	ANL	SO		ERIS	10
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	ANL	TW		ERIS	10
HYDROGEN 3	10028-17-8	TRITIUM	ANL	SW,GW,SO,AR		MEPA,ERIS	11
IRON	7439-89-6		ANL	SW,GW		ANL	9
ISOBUTYL ALCOHOL	78-83-1	ISOBUTANOL	ANL	SW,SD		MEPA	7
KEROSENE	8008-20-6		ANL	SW,GW,SO,SD,AR		MEPA	8
KRYPTON 85	13983-27-2		ANL	AR		ANL	11
LEAD	7439-92-1		ANL	SW,GW,SO,SD,AR		MEPA	9
LEAD 210	14255-04-0		ANL	AR		ANL	11
LITHIUM CHLORIDE	7447-41-8		ANL	SW,GW,SO,SD		MEPA	9
MAGNESIUM	7439-95-4		ANL	SW,SO,SD		MEPA	9
MANGANESE	7439-96-5		ANL	SW,GW,SO,SD,AR		MEPA	9
MERCURY	7439-97-6		ANL	SW,GW,SO		MEPA	9
METHANOL	67-56-1	METHYL ALCOHOL	ANL	SW,SD	X	T2,MEPA	7
METHYL PYRIDINE	1333-41-1	PICOLINE	ANL		X	ANL	5
METHYL-9h-FLUORENE, 4-			ANL	GW		ANL	6
METHYLFLUORENE, 4-	1730-37-6		ANL	GW		ANL	6
MOTOR OIL			ANL	SW,GW,SO,SD,AR		MEPA	8
NAPHTHALENE	91-20-3	CAMPHOR TAR	ANL	GW,SO		MEPA	6
NEPTUNIUM 237	13994-20-2		ANL	SW		ANL	11
NICKEL	7440-02-0	RANEY ALLOY	ANL	GW,SO,SW		MEPA,ANL	9
NITRATE	14797-55-8		ANL	SO		MEPA	10
NITRIC ACID	7697-37-2		ANL	TW		ERIS	10
NITROGEN 13	13981-22-1		ANL	AR		ANL	11
OXYGEN 15	15749-53-8		ANL	AR		ANL	11
PHOSPHATE	7601-54-9		ANL	SW,SO,SD		MEPA	10
PLUTONIUM 238	13981-16-3		ANL	SW,GW,SO,SD		MEPA,ANL	11
PLUTONIUM 239	15117-48-3		ANL	SW,GW,SO,SD,AR		MEPA,ANL	11
PLUTONIUM 240	14119-32-5		ANL	SW,SO,SD,AR		ANL	11
POLYCHLORINATED BIPHENYLS	1336-36-3		ANL	SW,GW,SO,SD,AR	X	T2,MEPA	1
POTASSIUM 40	13966-00-2		ANL	SO,SD		ANL	11
POTASSIUM CHLORIDE	7440-40-7		ANL	SW,GW,SO,SD		MEPA	9
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	ANL	SW,GW,SO,AR		MEPA	6
RADIUM 226	13982-63-3		ANL	SO,SD,GW		ANL	11
RADON 220	22481-48-7	THORON	ANL	AR		ERIS,ANL	11
RADON 222	14859-67-7		ANL	AR		ANL	11
RADON-220+D (MOCK)			ANL	AR		MEPA	11
SILVER	7440-22-4		ANL	GW,SO,SW		MEPA,ANL	9
SODIUM	7440-23-5		ANL		X	ANL	9

9135508.0016

SODIUM CARBONATE	497-19-8		ANL		X	ANL	9
SODIUM CHLORIDE	7647-14-5		ANL	GW,SO,SW		MEPA,ANL	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	ANL	TW		ERIS	9
SODIUM OXIDE	1313-59-3		ANL	TW		ERIS	9
SODIUM/POTASSIUM MIXTURE			ANL	TW		ERIS	9
STRONTIUM 90	10098-97-2		ANL	SW,GW,SO,TW,AR		ERIS,MEPA,ANL	11
SULFATE	12808-79-8	SULFATE ION	ANL	SW,GW,SO,AR		MEPA	10
SULFUR DIOXIDE	7446-09-5		ANL	AR		ANL	10
SULFURIC ACID	7664-93-9		ANL	TW	X	T2,ERIS	10
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	ANL	SW,GW,SO,SD,AR		ANL,MEPA	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	ANL	SW,GW,SO,SD,AR		MEPA	2
TETRAHYDROFURAN	109-99-9	DIETHYLENE OXIDE	ANL	GW		ANL	7
THALLIUM 208	14913-50-9		ANL	AR		ANL	11
THORIUM 228	14274-82-9		ANL	AR,SO,SD		ANL	11
THORIUM 230	14268-63-7		ANL	SW,GW,SO,AR		MEPA,ANL	11
THORIUM 232			ANL	AR,SO,SD		ANL	11
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	ANL	SO,GW	X	MEPA,ANL	5
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	ANL	SW,GW,SO		MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	ANL	SW,GW,SO,SD,AR		ANL,MEPA	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	ANL	SW,GW,SO,SD,AR		MEPA	2
TRICHLOROMONOFLUOROMETHANE	75-69-4	FREON 11, ARCTON 9	ANL		X	T2	2
TRIFLUOROETHANOL,2,2,2-	750-89-8		ANL		X	ANL	2
URANIUM	7440-61-1		ANL	SW,SO		MEPA	9
URANIUM 234	13966-29-5		ANL	SW,GW,SO,AR		MEPA,ANL	11
URANIUM 235	15117-96-1		ANL	SW,GW,SO		MEPA	11
URANIUM 238	24678-82-8		ANL	SW,SO,AR		MEPA,ANL	11
XYLENE	1330-20-7	DIMETHYL BENZENE	ANL	SW,SO,SD,GW		MEPA,ANL	5
YTTRIUM 90	10098-91-6		ANL	SW,GW,SO		MEPA	11
ZINC COMPOUNDS	7646-85-7		ANL	GW,GW,SO,AR		MEPA	9

BROOKHAVEN NATIONAL LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	BNL	GW,SO		MEPA	7
ACETYLENE	74-86-2	ETHINE	BNL		X	T2	8
ACTINIUM 228	14331-83-0		BNL	SO		BNL1	11
ALUMINUM	7429-90-5		BNL	GW,SO		BNL2	9
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	BNL		X	T2	10
AMMONIA NITROGEN			BNL	SW		BNL1,BNL2	10
ANTHRACENE	120-12-7	PARANAPHTHALENE	BNL	SO		BNL2	6
ANTIMONY	7440-36-0	STIBIUM	BNL	SO		BNL2	9
ARGON	7440-37-1		BNL		X	T2	10
ARGON 41	14153-25-8		BNL	AR		BNL1,BNL2	11
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	BNL	GW,SO		MEPA	1
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	BNL	SW,GW,SO,SD,AR		MEPA	1
ARSENIC	7440-38-2		BNL	GW,SO,SW		MEPA,BNL2	9
BARIUM	7440-39-3		BNL	GW,SO		MEPA	9
BENZENE	71-43-2	ANNULENE	BNL	SW,GW,SO,SD,AR		MEPA	5
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	BNL	GW,SO		MEPA	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	BNL	GW,SO		MEPA	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	BNL	SW,GW,SO,SD,AR		MEPA	6
BENZO[g,h,i]PERYLENE	191-24-2	1,12 BENZOPERYLENE	BNL	SO		BNL2	6
BENZO[k]FLUORANTHENE	207-08-9	DIBENZO[b,j,k]FLUORENE	BNL	SO		BNL2	6
BERYLLIUM	7440-41-7		BNL	SO		BNL2	9
BERYLLIUM 7	13966-02-4		BNL	SW,GW,AR,SO,SD		BNL1,BNL2	11
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	BNL	SO,GW		BNL2	7
BROMINE 77	15765-39-6		BNL	AR		BNL1,BNL2	11
BROMINE 82	14686-69-2		BNL	AR		BNL1,BNL2	11
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	BNL	GW		BNL1,BNL2	2
CADMIUM	7440-43-9		BNL	SW,GW,AR,SO		MEPA	9
CALCIUM	7440-70-2		BNL	GW,SO		BNL2	9
CALCIUM OXIDE	1305-78-8	LIME	BNL		X	T2	9
CARBON 14	14762-75-5		BNL	AR		BNL1,BNL2	11
CARBON DIOXIDE	124-38-9		BNL		X	T2	10
CERIUM 144	14762-78-8		BNL	GW		MEPA	11
CESIUM 134	13967-70-9		BNL	GW,SO		MEPA	11
CESIUM 137	10045-97-3		BNL	SW,SD,GW,SO,AR		BNL1,BNL2	11
CESIUM 137+D			BNL	SW,GW,SO,SD,AR		MEPA	11
CESIUM 143	15701-04-9		BNL	AR		BNL1	11
CHLORIDE	16887-00-6		BNL	SW,GW		BNL1,BNL2	10
CHLORINE	7782-50-5		BNL	SW	X	T2,BNL2	10
CHLOROETHANE	75-00-3	ETHYL CHLORIDE	BNL	SW,GW,SO,SD,AR		MEPA	2
CHLOROMETHANE	74-87-3	METHYL CHLORIDE	BNL	GW		BNL2	2
CHROMIC CHLORIDE	10025-73-7		BNL		X	T2	9
CHROMIUM	7440-47-3		BNL	SW,SO GW		BNL2	9
CHROMIUM (III)	16065-83-1		BNL	GW,SO		MEPA	9
CHROMIUM (IV)	15723-28-1		BNL	SW,GW,AR,SO		MEPA	9

97150A.007

CHROMIUM 51	14392-02-0		BNL	AR		BNL1,BNL2	11
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	BNL	SO		BNL2	6
COBALT	7440-48-4		BNL	GW		BNL2	9
COBALT 57	13981-50-5		BNL	AR,GW,SO		BNL1,BNL2	11
COBALT 58	13981-38-9		BNL	AR,GW		BNL1,BNL2	11
COBALT 60	10198-40-0		BNL	SW,GW,SO,SD,AR		MEPA	11
COPPER	7440-50-8		BNL	SW,GW,AR,SO		MEPA,BNL2	9
CYANIDE	57-12-5		BNL	SW,GW,AR		MEPA	10
DICHLORO-2,2-bis(p-CHLOROPEHNYL)ETHYLENE, 1,1-	72-55-9	4,4'-DDE	BNL	SO		BNL2	3
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	BNL	SO		BNL2	3
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	BNL	SW,GW,SO,SD,AR		MEPA	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	BNL	GW		BNL1,BNL2	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	BNL	SW,GW,AR		MEPA	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	BNL	GW		BNL1	2
DIPHENYL ETHER	101-84-8	PHENOXYBENZENE	BNL	GW		BNL2	7
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	BNL	SO,GW	X	T2,MEPA	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	BNL	SW,GW,SO,SD,AR		MEPA	5
EUROPIUM 152	14683-23-9		BNL	SW,GW,SO,SD,AR		MEPA	11
EUROPIUM 154	15585-10-1		BNL	SW,GW,SO,SD,AR		MEPA	11
EUROPIUM 155	14391-16-3		BNL	SW,GW,SO,SD,AR		MEPA	11
FLUORANTHENE	206-44-0	IDRYL	BNL	GW,SO		MEPA	6
FUEL OIL			BNL		X	T2	8
FUEL OIL, #6			BNL	GW,SO		MEPA,BNL2	8
GALLIUM 68	15757-14-9		BNL	AR		BNL1,BNL2	11
GALLIUM CHLORIDE	13450-90-3		BNL		X	T2	9
GASOLINE	8006-61-9		BNL		X	T2	8
GERMANIUM 69	15034-49-8		BNL	AR		BNL1,BNL2	11
HELIUM	7440-59-7		BNL		X	T2	10
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	BNL		X	T2	10
HYDROGEN 3	10028-17-8	TRITIUM	BNL	SW,GW,SO,SD,AR		MEPA	11
INDENO[1,2,3-c,d]PYRENE	193-39-5	o-PHENYLPYRENE	BNL	SO		BNL2	6
IODINE 123	15715-08-9		BNL	AR		BNL2	11
IODINE 124	14158-30-6		BNL	AR		BNL1,BNL2	11
IODINE 125	14158-31-7		BNL	AR		BNL1,BNL2	11
IODINE 126	14158-32-8		BNL	AR		BNL1,BNL2	11
IODINE 131	10043-66-0		BNL	AR		BNL1,BNL2	11
IODINE 133	14834-67-4		BNL	AR		BNL1	11
IRON	7439-89-6		BNL	SW,GW,SO,SD,AR		MEPA	9
IRON 59	14596-12-4		BNL	SO		BNL1	11
LEAD	7439-92-1		BNL	SW,GW,SO,SD,AR	X	T2,MEPA	9
LEAD 210	14255-04-0		BNL	GW,SO		MEPA	11
MAGNESIUM	7439-95-4		BNL	GW,SO		BNL2	9
MANGANESE	7439-96-5		BNL	SW,GW,SO,SD,AR		MEPA	9
MANGANESE 54	13966-31-9		BNL	SW,GW,SO,SD,AR		MEPA	11
MERCURY	7439-97-6		BNL	SW,GW,AR,SO	X	T2,MEPA	9
MERCURY 203	13982-78-0		BNL	AR		BNL2	11

MINERAL OIL	8012-95-1	KAYDOL, PAROLEINE	BNL	SO		MEPA	8
MOTOR OIL			BNL	SW,GW,AR,SO	X	MEPA,BNL2	8
NAPHTHALENE	91-20-3	CAMPHOR TAR	BNL	GW		MEPA	6
NICKEL	7440-02-0	RANEY ALLOY	BNL	SO,GW		BNL2	9
NIOBIUM 95	13967-76-5		BNL	GW		MEPA	11
NITRATE	14797-55-8		BNL	SW,GW		BNL1,BNL2	10
NITRIC ACID	7697-37-2		BNL	SO	X	T2,MEPA	10
NITROGEN	7727-37-9		BNL	SW	X	T2,BNL2	10
NITROGEN, FROM NITRATE			BNL	SW,GW		BNL2	10
OIL, LUBRICATING			BNL		X	T2	8
OXYGEN	7782-44-7		BNL		X	T2	10
OXYGEN 15	15749-53-8		BNL	AR		BNL1,BNL2	11
PHENANTHRENE	85-01-8	PHENANTRIN	BNL	SO		BNL2	6
PHENOL	108-95-2	CARBOLIC ACID	BNL	SW,GW,SO,SD,AR		MEPA	7
PHOSPHORUS	7723-14-0		BNL	SW		BNL1,BNL2	10
PHOSPHORUS 32	14596-37-3		BNL	AR		BNL2	11
PHOSPHORUS PENTOXIDE	13140-56-3		BNL		X	T2	10
POLONIUM 210	13981-52-8		BNL	GW,SO		MEPA	11
POTASSIUM 40	13966-00-2		BNL	GW,SW,SO,AR,SD		BNL1,BNL2	11
PROPANE	74-98-6	DIMETHYL METHANE	BNL		X	T2	8
PROPANOL, 2-	127-00-4	ISOPROPYL ALCOHOL	BNL		X	T2	7
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	BNL	SW,GW,SO,SD,AR		MEPA	6
RADIUM 226	13982-63-3		BNL	GW,SO,AR,SD		MEPA,BNL1,BNL2	11
RUBIDIUM 83	17056-36-9		BNL	AR		BNL2	11
RUBIDIUM 84	15765-86-3		BNL	AR		BNL2	11
RUTHENIUM 103	13968-53-1		BNL	AR		BNL2	11
RUTHENIUM 106	13967-48-1		BNL	GW		MEPA	11
SELENIUM	7782-49-2		BNL	SW,GW,SO,SD,AR		MEPA	10
SELENIUM 75	14265-71-5		BNL	AR		BNL1,BNL2	11
SILVER	7440-22-4		BNL	SW,GW,AR,SO		MEPA	9
SODIUM	7440-23-5		BNL	GW,SW,SO		BNL1,BNL2	9
SODIUM 22	13966-32-0		BNL	SW,GW,SO,SD,AR		MEPA	11
SODIUM HYDROXIDE	1310-73-2	SODA LYE	BNL		X	T2	9
SODIUM HYPOCHLORITE	7681-52-9		BNL		X	T2	9
STRONTIUM 89	14158-27-1		BNL	SW,GW,SO,SD,AR		MEPA	11
STRONTIUM 90	10098-97-2		BNL	SW,GW,SO,SD,AR		BNL2,MEPA	11
SULFATE	12808-79-8	SULFATE ION	BNL	SW,GW,SO,SD,AR		MEPA	10
SULFUR 35	15117-53-0		BNL	AR		BNL2	11
SULFURIC ACID	7664-93-9		BNL		X	T2	10
TECHNECIUM 99	14133-76-7		BNL	SW,GW		BNL1	11
TETRACHLOROETHANE			BNL	GW		BNL2	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	BNL	GW,SO		MEPA	2
THALLIUM	7440-28-0		BNL	SO		BNL2	9
THALLIUM 204	13968-51-9		BNL	AR		BNL2	11
THORIUM 228	14274-82-9		BNL	AR,SO,SD,GW		BNL1,BNL2	11
TIN 113	13966-06-8		BNL	AR		BNL1	11

97 3508.0018

TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	BNL	SW,GW,SO,SD,AR		MEPA	5
TRIBROMOMETHANE	75-25-2	BROMOFORM	BNL	GW		BNL2	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	BNL	SW,GW,SO,SD,AR	X	T2,MEPA,BNL2	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	BNL	SW,GW,AR,SO		BNL2,MEPA	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	BNL	GW,SO		MEPA	2
TRIHALOMETHANE COMPOUNDS			BNL	GW		BNL2	2
TRIHALOMETHANES			BNL	GW		BNL1	2
TRIMETHYLBENZENE	25551-13-7		BNL	SO		MEPA	1
URANIUM 235	15117-96-1		BNL	GW,SO		MEPA	11
URANIUM 238	24678-82-8		BNL	GW,SO		MEPA	11
VANADIUM	7440-62-2		BNL	SO		BNL2	9
XENON 122	15151-09-4		BNL	AR		BNL1	11
XENON 125	13994-18-8		BNL	AR		BNL2	11
XENON 127	13994-19-9		BNL	AR		BNL1,BNL2	11
XYLENE	1330-20-7	DIMETHYL BENZENE	BNL	GW		MEPA	5
YTTRIUM 90	10098-91-6		BNL	SW,GW,SO,SD,AR		MEPA	11
ZINC	7440-66-6		BNL	SO,GW,SW		BNL2	9
ZINC 65	13982-39-3		BNL	SW,GW,SO,SD,AR		MEPA	11
ZINC COMPOUNDS	7646-85-7		BNL	SW,GW,AR		MEPA	9

FERNALD (FEMP) AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACENAPHTHENE	83-32-9	ACENAPHTHYLENE	FER		X	CPC	6
ACETONE	67-64-1	DIMETHYL KETONE	FER	SO,AR,GW	X	MEPA,CPC,FER5	7
ACTINIUM 225	14265-85-1		FER	GW,SO,AR,SW		MEPA	11
ACTINIUM 227	14952-40-0		FER		X	CPC	11
ALUMINUM	7429-90-5		FER	SO,SW	X	CPC,FER1	9
AMMONIA, ANHYDROUS	7664-41-7		FER		X	FER3	10
ANTHRACENE	120-12-7	PARANAPHTHALENE	FER		X	CPC	6
ANTIMONY	7440-36-0	STIBIUM	FER		X	CPC	9
AROCLOR 1248 (PCB)	12672-29-6	CHLORODIPHENYL	FER	SO		FER1	1
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	FER	SO		FER1	1
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	FER	SO		FER1	1
ARSENIC	7440-38-2		FER	SO,GW	X	CPC,FER1,FER2,F	9
ASBESTOS	332-21-4		FER	SO		FER1	10
BARIUM	7440-39-3		FER	SO,AR,SW,GW	X	MEPA,CPC,FER1,F	9
BARIUM 137m	13981-97-0		FER	AR		FER3,FER5	11
BARIUM CHLORIDE	10361-37-2		FER		X	FER1	9
BENZENE	71-43-2	ANNULENE	FER	GW	X	CPC,FER7	5
BENZOIC ACID	65-85-0	PHENYL CARBOXYLIC ACID	FER		X	CPC	7
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	FER		X	CPC	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	FER		X	CPC	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	FER		X	CPC	6
BENZO[g,h,i]PERYLENE	191-24-2	1,12 BENZOPERYLENE	FER		X	CPC	6
BENZO[k]FLUORANTHENE	207-08-9	DIBENZO[b,j,k]FLUORENE	FER		X	CPC	6
BERYLLIUM	7440-41-7		FER		X	CPC	9
BICARBONATE			FER	GW		FER2	10
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	FER		X	CPC	7
BUTANOL, n-	71-36-3	BUTANOL	FER	GW		FER6	7
BUTANONE	78-93-3	METHYL ETHYL KETONE	FER		X	CPC	7
BUTYL BENZYL PHTHALATE	85-68-7	PHTHALIC ACID	FER	SO	X	CPC,FER1	7
CADMIUM	7440-43-9		FER	SO,GW	X	CPC,FER1,FER2,F	9
CALCIUM	7440-70-2		FER	SO,SW,GW	X	CPC,FER1,FER2,F	9
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	FER	GW	X	CPC,FER6	10
CESIUM 137	10045-97-3		FER	SO,SD,AR,SW,GW	X	CPC,FER1,FER3,F	11
CESIUM 137+D			FER	SO,AR,SW,GW		MEPA	11
CHLORIDE	16887-00-6		FER	SW,GW		FER1,FER2,FER3,F	10
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	FER	SW,SO	X	CPC,FER1	1
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	FER	SO,GW	X	CPC,FER1,FER3,F	2
CHROMIUM	7440-47-3		FER	SO,GW		FER1,FER2,FER5	9
CHROMIUM (VI)	18540-29-9		FER	GW		FER5	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	FER	SO	X	CPC,FER1	6
COBALT	7440-48-4		FER	GW	X	CPC,FER2	9
COPPER	7440-50-8		FER	GW,SO	X	CPC,MEPA,FER1,F	9
CYANIDE	57-12-5		FER	SW,GW	X	CPC,FER1,FER2,F	10
CYCLOHEXANE	110-82-7		FER	GW		FER5	8

97 3508.0019

DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	FER		X		7
DI-n-OCTYL PHTHALATE	117-84-0	DIOCTYL-o-BENZENE DICARBO	FER		X	CPC	7
DIBENZOFURAN	132-64-9	DIBENZO[b,d]FURAN	FER		X	CPC	6
DIBENZO[a,h]ACRIDINE	226-36-8	DIBENZ[a,d,]ACRIDENE	FER		X	CPC	6
DICHLOROBENZENE, 1,2-	95-50-1	DOWTHERM E	FER	GW		FER3	1
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	FER	SO	X	CPC,FER1	3
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	FER	GW	X	CPC,FER3,FER5	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	FER	GW,SO,SD,AR		MEPA	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	FER	GW,SO,SD,AR,SW	X	CPC,MEPA,FER1	2
DICHLOROETHYLENE, 1,2-cis-	156-59-2		FER	GW	X	CPC,FER3,FER5	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	FER	GW,SO,SD,AR	X	MEPA,CPC	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	FER	SO,AR,GW	X	CPC,MEPA,FER1,F	2
DIESEL FUEL			FER	GW,SO	X	MEPA,FER4	8
DIETHYL-O-p-NITROPHENYL PHOSPHOROTHIOATE, 0,0-	56-38-2	PARATHION	FER		X	CPC	3
DIMETHYL-O-p-NITROPHENYL PHOSPHOROTHIOATE, 0,0-	298-00-0	METHYL PARATHION	FER	SO	X	CPC,FER1	3
DIMETHYLPHENOL, 2,4-	105-67-9	2,4 XYLENOL	FER		X	CPC	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	FER	GW,SO,SD,AR	X	CPC,MEPA	5
FLUORANTHENE	206-44-0	IDRYL	FER	SO	X	CPC,FER1	6
FLUORENE	86-73-7		FER		X	CPC	6
FLUORIDE	7782-41-4		FER	SO,AR,SW,GW		MEPA,FER1,FER2,	10
GASOLINE	8006-61-9		FER	GW,SO	X	MEPA,FER4	8
HEXACHLOROCYCLOHEXANE, beta	319-85-7	beta-BHC	FER		X	CPC	3
HYDROGEN FLUORIDE, ANHYDROUS	7664-39-3		FER		X	FER3	10
INDENO[1,2,3-c,d]PYRENE	193-39-5	o-PHENYLPYRENE	FER		X	CPC	6
IRON	7439-89-6		FER	SO,GW	X	CPC,FER1,FER2,F	9
KEROSENE	8008-20-6		FER	GW,SO	X	MEPA,FER4	8
LEAD	7439-92-1		FER	SO,GW	X	CPC,MEPA,FER1,F	9
LEAD 210	14255-04-0		FER	SO,AR	X	CPC,MEPA,FER1	11
LITHIUM	7439-93-2	ALUMINUM ALLOY	FER	GW		FER2	9
MAGNESIUM	7439-95-4		FER	SO,AR,SW,GW	X	CPC,MEPA,FER1,F	9
MAGNESIUM FLUORIDE	7782-40-6		FER		X	FER3	9
MANGANESE	7439-96-5		FER	SO,GW	X	CPC,FER1,FER2,F	9
MERCURY	7439-97-6		FER	SO,SW,GW	X	CPC,FER1,FER2,F	9
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	FER		X	CPC	7
METHYLNAPHTHALENE, 2-	91-57-6	METHYLNAPHTHALEN	FER		X	CPC	6
METHYLPHENOL, 2-	95-48-7	o-CRESOL	FER		X	CPC	7
METHYLPHENOL, 4-	106-44-5	p-CRESOL	FER		X	CPC	7
MOLYBDENUM	7439-98-7		FER	GW	X	CPC,FER2	9
MOTOR OIL			FER	GW,SO		MEPA	8
N-NITROSODIPHENYLAMINE	86-30-6	REDAX	FER		X	CPC	4
NAPHTHALENE	91-20-3	CAMPHOR TAR	FER		X	CPC	6
NEPTUNIUM 237	13994-20-2		FER	SO,AR,SW,GW	X	CPC,FER1,FER3,F	11
NICKEL	7440-02-0	RANEY ALLOY	FER	SO,GW	X	CPC,FER1,FER3,F	9
NITRATE	14797-55-8		FER	GW,SO,SW		MEPA,FER1,FER2,	10
NITRIC ACID	7697-37-2		FER	GW,SO	X	MEPA,FER3	10
NITROPHENOL, 2-	88-75-5		FER	SW		FER1	4

OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE,	57-74-9	CHLORDANE	FER	SO	X	CPC,FER1	1
PENTACHLOROPHENOL	131-52-2	PERMITE, EP30	FER		X	CPC	1
PHENANTHRENE	85-01-8	PHENANTRIN	FER	SO	X	CPC,FER1	6
PHENOL	108-95-2	CARBOLIC ACID	FER	GW	X	CPC,FER3,FER5	7
PHOSPHATE	7601-54-9		FER	SW		FER1	10
PHOSPHORUS	7723-14-0		FER	GW		FER3,FER5	10
PLUTONIUM 238	13981-16-3		FER	SW,GW,SO,AR,SD	X	CPC,MEPA,FER1,F	11
PLUTONIUM 239	15117-48-3		FER	GW,SO,SW,AR,SD	X	CPC,MEPA,FER1,F	11
PLUTONIUM 240	14119-32-5		FER	SO,AR,SW,GW,SD	X	CPC,MEPA,FER1,F	11
PLUTONIUM 241	14119-32-6		FER	AR		FER3,FER6	11
PLUTONIUM 242	13982-10-0		FER	AR		FER4	11
POLONIUM 210	13981-52-8		FER	SO,AR		MEPA	11
POLYCHLORINATED BIPHENYLS	1336-36-3		FER	SO		FER1	1
POTASSIUM	7447-40-7		FER	SW,SO,GW	X	CPC,FER1,FER2,F	9
POTASSIUM 40	13966-00-2		FER	GW		FER7	11
PROPANOL, 2-	127-00-4	ISOPROPYL ALCOHOL	FER	GW	X	CPC,FER5	7
PROTACTINIUM 231	14331-85-2		FER		X	CPC	11
PROTACTINIUM 234m			FER	AR		FER3,FER5	11
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	FER	SO	X	CPC,FER1	6
RADIUM	7440-14-4		FER	SD	X	FER1,FER3	9
RADIUM 223	15623-45-7		FER	SD		FER6	11
RADIUM 224	13233-32-4		FER	SD	X	CPC,FER3,FER6	11
RADIUM 225	13981-53-8		FER	GW,SO,AR,SW		MEPA	11
RADIUM 226	13982-63-3		FER	SO,AR,SD,SW	X	CPC,MEPA,FER1,F	11
RADIUM 228	15262-20-1		FER	SO,SW,GW,AR,SD	X	CPC,FER1,FER3,F	11
RADON	10043-92-2		FER	AR		FER3,FER5	10
RADON 220	22481-48-7	THORON	FER	AR		FER6	11
RADON 222	14859-67-7		FER		X	CPC	11
RADON-222+D (MOCK)			FER	AR,GW,SO		MEPA	11
RUTHENIUM 106	13967-48-1		FER	SO,AR,SW,GW	X	CPC,FER1,FER3,F	11
S-(1,2-CARBOXYETHYL)-0,0-DIMETHYLDITHIOPHOSPHATE	121-75-5	MALATHION	FER	SO		FER1	1
SELENIUM	7782-49-2		FER	GW	X	CPC,FER5	10
SILICA	7631-86-9		FER	GW		FER2	10
SILVER	7440-22-4		FER	SO	X	CPC,FER1	9
SODIUM	7440-23-5		FER	SW,SO,GW	X	CPC,FER1,FER2,F	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	FER		X	FER3	9
STRONTIUM	10476-85-4		FER	GW		FER2	9
STRONTIUM 90	10098-97-2		FER	SW,GW,SO,AR	X	CPC,MEPA,FER1,F	11
SULFATE	12808-79-8	SULFATE ION	FER	GW,SO,SW		MEPA,FER1,FER2,	10
TECHNECIUM 99	14133-76-7		FER	SW,GW,SO,AR,SD	X	CPC,MEPA,FER1,F	11
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	FER	SO,GW	X	CPC,FER1,FER3	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	FER	GW,SO,SD,AR,SW	X	CPC,MEPA,FER1,	2
THALLIUM	7440-28-0		FER		X	CPC	9
THORIUM	7440-29-1		FER	SO	X	CPC,FER1,FER3	9
THORIUM 228	14274-82-9		FER	SO,AR,SW,SD	X	CPC,FER1,FER3,F	11
THORIUM 229	15595-54-4		FER	SW,GW,SO,AR		MEPA	11

97 350B.0020

THORIUM 230	14268-63-7		FER	SW,GW,SO,AR,SD	X	CPC,MEPA,FER1,F	11
THORIUM 232			FER	SW,GW,SO,AR,SD	X	CPC,MEPA,FER1,F	11
THORIUM 234	15065-10-8		FER	SW,GW,SO,AR		MEPA,FER3,FER4,	11
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	FER	GW,SO,SD,AR	X	CPC,MEPA	5
TRIBROMOMETHANE	75-25-2	BROMOFORM	FER	GW		FER3,FER5	2
TRIBUTYL PHOSPHATE	126-73-8	CELLUPHOS 4	FER		X	CPC	7
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	FER		X	CPC	2
TRICHLOROETHANE			FER	GW		FER6	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	FER	GW,SO,SD,AR	X	CPC,MEPA,FER1,F	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	FER	SO,GW	X	CPC,MEPA,FER5	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	FER	GW,SO,SD,SW	X	CPC,MEPA,FER1	2
TRICHLOROMONOFLUOROMETHANE	75-69-4	FREON 11, ARCTON 9	FER	SO,AR		MEPA	2
URANIUM	7440-61-1		FER	GW,SO,SD,SW,AR	X	CPC,MEPA,FER1,F	9
URANIUM 233	13968-55-3		FER	GW,SO,AR,SW		MEPA,FER3	11
URANIUM 234	13966-29-5		FER	SW,GW,SO,AR,SD	X	CPC,MEPA,FER1,F	11
URANIUM 235	15117-96-1		FER	GW,SO,SD,AR,SW	X	CPC,MEPA,FER1,F	11
URANIUM 236	13982-70-2		FER	SW,GW,SO,AR,SD	X	CPC,MEPA,FER3,F	11
URANIUM 238	24678-82-8		FER	GW,SO,SD,AR,SW	X	CPC,MEPA,FER1,F	11
VANADIUM	7440-62-2		FER	SO,GW	X	CPC,FER1,FER2	9
XYLENE	1330-20-7	DIMETHYL BENZENE	FER	GW,SO,SD,AR		MEPA	5
XYLENES, TOTAL	1330-20-7		FER	SO,GW	X	CPC,FER7	5
YTTRIUM 90	10098-91-6		FER	SW,GW,SO,AR		MEPA	11
ZINC	7440-66-6		FER	SW,GW	X	CPC,FER1,FER2,F	9

FERMI NATIONAL ACCELERATOR LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
CHLORINE	7782-50-5		FNAL	GW	X	T1	10
CHROMIUM (III)	16065-83-1		FNAL	GW,SO		MEPA	9
CHROMIUM (IV)	15723-28-1		FNAL	GW,SO	X	CPC,MEPA	9
COBALT 60	10198-40-0		FNAL	GW,SO		MEPA	11
DIESEL FUEL			FNAL		X	T1	8
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	FNAL		X	T1	7
FUEL OIL			FNAL		X	T1	8
GASOLINE	8006-61-9		FNAL		X	T1	8
HELIUM	7440-59-7		FNAL		X	T1	10
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	FNAL		X	T1	10
HYDROGEN 3	10028-17-8	TRITIUM	FNAL	SW,GW,SO		MEPA	11
MINERAL OIL	8012-95-1	KAYDOL, PAROLEINE	FNAL	SW,GW,SO		MEPA	8
MINERAL SPIRITS	8030-30-6	BENZINE, PETROLEUM SPIRITS	FNAL	GW,SO		MEPA	8
MOTOR OIL			FNAL	GW,SO		MEPA	8
POLYCHLORINATED BIPHENYLS	1336-36-3		FNAL	SW,GW,SO,AF	X	T1,ERIS,CPC,MEP	1
SODIUM 22	13966-32-0		FNAL	SW,GW,SO		MEPA	11
SODIUM HYDROXIDE	1310-73-2	SODA LYE	FNAL		X	T1	9
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	FNAL	GW,SO		MEPA	2
ZINC COMPOUNDS	7646-85-7		FNAL	GW,SO		MEPA	9

97135018.0021

HANFORD SITE AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETIC ACID	64-19-7	METHANE CARBOXYLIC ACID	HAN	TW			7
ACETONE	67-64-1	DIMETHYL KETONE	HAN	SW,GW,SO,AR,TW		HAN2,HAN3,MEPA	7
ACROLEIN	107-02-8	ACRYLIC ALDEHYDE	HAN	GW		HAN3	7
ACRYLONITRILE	107-13-1	VINYL CYANIDE	HAN	GW		HAN3	7
ACTINIUM 227	14952-40-0		HAN	TW			11
ALUMINUM	7429-90-5		HAN	SO,SD,GW		HAN2,HAN3,HAN4	9
ALUMINUM NITRATE	13473-90-0		HAN	TW,GW			9
ALUMINUM SULFATE	10043-01-3		HAN	TW,GW			9
AMERICIUM 241	7440-35-9		HAN	SW,GW,SO,AR,TW	X	HAN2,HAN3,HAN4,	11
AMERICIUM 242M	13981-54-9		HAN	TW			11
AMERICIUM 243	14993-75-0		HAN	TW			11
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	HAN	AR,TW,GW,SW		HAN4	10
AMMONIUM	14798-03-9		HAN	GW,SO		HAN3,HAN4,HAN5	10
AMMONIUM ACETATE	631-61-8		HAN	TW,GW			10
AMMONIUM CARBONATE	506-87-6		HAN	SO		HAN5	10
AMMONIUM CHLORIDE	12125-02-9		HAN	TW,GW			10
AMMONIUM FLUORIDE	12125-10-8		HAN	TW,GW			10
AMMONIUM NITRATE	6484-52-2		HAN	SO		HAN5	10
AMMONIUM OXALATE	1113-38-8		HAN	TW,GW			10
AMMONIUM SILICOFLUORIDE	1309-32-6		HAN	TW,GW			10
AMMONIUM SULFATE	7783-20-2		HAN	NS			10
AMMONIUM SULFITE	10196-04-0		HAN	TW,GW			10
AMMONIUM THIOSULFATE	7783-18-8		HAN	TW,GW			10
ANTIMONY	7440-36-0	STIBIUM	HAN	SD,SO		HAN3,HAN4	9
ANTIMONY (III) NITRATE	20328-96-5		HAN	TW,GW			9
ANTIMONY 125	14234-35-6		HAN	SW,GW,SO,AR		MEPA	11
ANTIMONY CHLORIDE	10025-9-19		HAN	TW,GW			9
AROCLOR 1016 (PCB)	12674-11-2	PCB 1016	HAN	SW,AR		MEPA	1
AROCLOR 1242 (PCB)	53469-21-9		HAN	SW,GW		MEPA	1
AROCLOR 1248 (PCB)	12672-29-6	CHLORODIPHENYL	HAN	SW,AR,SD,SO		HAN3,HAN4,MEPA	1
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	HAN	SW,GW,AR,SD,SO		HAN3,HAN4,MEPA	1
ARSENIC	7440-38-2		HAN	SW,GW,SO,AR,SD		HAN3,HAN4,HAN5,	9
ARSENIC TRIOXIDE	1327-53-3		HAN	TW,GW			9
ASBESTOS	332-21-4		HAN		X	HAN2	10
BARIUM	7440-39-3		HAN	SW,GW,SO,AR,SD		HAN3,HAN4,HAN5,	9
BARIUM 133	13981-41-4		HAN	SO		HAN2	11
BARIUM NITRATE	10022-31-8		HAN	TW,GW			9
BENZENE	71-43-2	ANNULENE	HAN	SW,GW,AR,TW,SO		HAN3,HAN4,MEPA	5
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	HAN	SW,AR		MEPA	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	HAN	SW,GW,SO,AR,SD		HAN3,HAN4,MEPA	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	HAN	SW,GW,SO,AR,SD		HAN3,HAN4,MEPA	6
BERYLLIUM	7440-41-7		HAN	SW,GW,SO,AR,TW,SD		HAN3,HAN4,MEPA	9
BICARBONATE			HAN	GW		HAN2	10
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	HAN	TW,SD,GW,SO		HAN3,HAN4	7

BISMUTH	7440-69-9		HAN	TW,SD,SO		HAN3,HAN4	9
BISMUTH 212	14913-49-6		HAN	AR			11
BISMUTH 214	14733-03-0		HAN	SD		HAN5	11
BORON	7440-42-8		HAN	SD,SO		HAN3,HAN4	10
BROMCRESOL PURPLE	155-40-2		HAN	TW			1
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	HAN	SW,GW,AR		HAN3,MEPA	2
BROMOMETHANE	74-83-9		HAN	GW		HAN3	2
BUTANEDIOIC ACID	110-15-6	SUCCINIC ACID	HAN	TW			7
BUTANOL, n-	71-36-3	BUTANOL	HAN	TW			7
BUTANONE	78-93-3	METHYL ETHYL KETONE	HAN	TW,SO,GW		HAN3,HAN4	7
BUTYL BENZYL PHTHALATE	85-68-7	PHTHALIC ACID	HAN	SD,SO		HAN3,HAN4	7
CADMIUM	7440-43-9		HAN	SW,GW,SO,AR,TW,SD	X	HAN2,HAN3,HAN4,	9
CADMIUM 109	14109-32-1		HAN	SD		HAN5	11
CADMIUM NITRATE	10325-97-7		HAN	TW,GW			9
CALCIUM	7440-70-2		HAN	GW,SD,SO		HAN2,HAN3,HAN4	9
CALCIUM 41	14092-95-6		HAN	SO		HAN2	11
CALCIUM BICARBONATE			HAN	GW		HAN3	9
CARBON 14	14762-75-5		HAN	SW,GW,TW,SO,AR,SD	X	HAN1,HAN2,MEPA	11
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	HAN	GW		HAN3	10
CARBON, TOTAL ORGANIC			HAN	GW,SW		HAN3,HAN4,HAN5	10
CERIUM	7440-45-1		HAN	TW,SD,SO		HAN3,HAN4	9
CERIUM 141	13967-74-3		HAN	SO		HAN4,HAN5	11
CERIUM 144	14762-78-8		HAN	SW,GW,SO,AR,SD		HAN3,HAN4,HAN5.	11
CESIUM 134	13967-70-9		HAN	SW,GW,SO,AR,SD		HAN1,HAN2,HAN3,	11
CESIUM 135	15726-30-4		HAN	SW,AR,TW		MEPA	11
CESIUM 137	10045-97-3		HAN	TW,SO,GW,AR,SW,SD	X	HAN1,HAN2,HAN3,	11
CESIUM 137+D			HAN	SW,GW,SO,AR		MEPA	11
CHLORIDE	16887-00-6		HAN	GW,SD,SO		HAN2,HAN3,HAN4,	10
CHLORINE	7782-50-5		HAN	TW			10
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	HAN	GW		HAN3	1
CHLORODIBROMOMETHANE	124-48-1		HAN	GW		HAN3	2
CHLOROETHANE	75-00-3	ETHYL CHLORIDE	HAN	GW		HAN3	2
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	HAN	GW		HAN3	2
CHLOROETHYLVINYL ETHER, 2-	110-75-8		HAN	GW		HAN3	2
CHLOROMETHANE	74-87-3	METHYL CHLORIDE	HAN	GW		HAN3	2
CHROMIC ACID	7738-94-5	CHROMIC (VI) ACID	HAN	TW,GW		HAN3	9
CHROMIUM	7440-47-3		HAN	GW,SD,SW,SO		HAN1,HAN2,HAN3,	9
CHROMIUM (IV)	15723-28-1		HAN	SW,GW,SO,AR,TW		MEPA	9
CHROMIUM (VI)	18540-29-9		HAN	SW		HAN4	9
CHROMIUM 51	14392-02-0		HAN	AR,SW		HAN4	11
CHROMIUM NITRATE	13548-38-4		HAN	TW,GW			9
CHROMIUM SULFATE	10101-53-8		HAN	TW,GW			9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	HAN	SW,GW,SO,AR,SD		HAN3,HAN4,MEPA	6
COBALT	7440-48-4		HAN	SD,SO		HAN3,HAN4	9
COBALT 58	13981-38-9		HAN	SO		HAN5	11
COBALT 60	10198-40-0		HAN	SW,GW,SO,AR,SD	X	HAN1,HAN2,HAN3,	11

97 1508.0022

COPPER	7440-50-8		HAN	SO,GW		HAN3,HAN4,HAN5	9
COPPER NITRATE	3251-23-8		HAN	TW,GW			9
COPPER SULFATE	7558-98-7		HAN	TW,GW			9
CURIUM 242	15510-73-3		HAN	TW			11
CURIUM 244	13981-15-2		HAN	SW,GW,TW		MEPA	11
CURIUM 245	15621-76-8		HAN	TW			11
CYANIDE	57-12-5		HAN	SW,GW,AR,SD,SO		HAN3,HAN4,HAN5,	10
DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	HAN	TW			7
DICHLOROBENZENE, 1,4-	106-46-7	PARACIDE, PDB	HAN	GW,SO,AR		MEPA	1
DICHLORODIFLUOROMETHANE	75-71-8	FREON 12	HAN	GW		HAN3	2
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	HAN	GW,SO,AR		HAN3,MEPA	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	HAN	GW		HAN3	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	HAN	GW		HAN3	2
DICHLOROETHYLENE, 1,2-	540-59-0		HAN	SD,GW		HAN3	2
DICHLOROETHYLENE, 1,2-cis-	156-59-2		HAN	GW		HAN3	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	HAN	GW,SO		HAN3,HAN4	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	HAN	SW,GW,SO,AR,SD		HAN3,HAN4,MEPA	2
DICHLOROPHENOXYACETIC ACID, 2,4-	94-75-7	2,4-D, AMIDOX, ESTONE	HAN	SW,GW,SO,AR,TW		MEPA	3
DICHLOROPROPANE, 1,2-	78-87-5		HAN	GW		HAN3	2
DICHLOROPROPENE, 1,3-cis-	10061-02-6		HAN	GW		HAN3	2
DICHLOROPROPENE, 1,3-trans-	10061-01-5		HAN	GW		HAN3	2
DIESEL FUEL			HAN	GW,SO,AR		MEPA	8
DIETHYL ETHER	60-29-7	ETHYL ETHER	HAN	TW			7
DIETHYL PHTHALATE	84-66-2	NEANTINE	HAN	SD,SO		HAN3,HAN4	7
DOCOSENOIC ACID, 13-	112-86-7	ERUCIC ACID	HAN	TW			7
DODECANE, n-	112-40-3	ADAKANE-12	HAN	TW			8
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	HAN	SO		HAN4	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	HAN	SW,GW		HAN3,MEPA	5
ETHYLENEDIAMINETETRAACETIC ACID	60-00-4	EDTA	HAN	TW			7
ETHYLENEDIAMINETRIACETIC ACID	159-39-0	HEEDTA, VERSENOL	HAN	TW			7
EUROPIUM 152	14683-23-9		HAN	SO,SD	X	HAN1,HAN2,HAN5	11
EUROPIUM 154	15585-10-1		HAN	GW,SO,AR,SD	X	HAN1,HAN2,HAN5,	11
EUROPIUM 155	14391-16-3		HAN	SW,GW,SO,AR,SD		HAN1,HAN2,HAN5,	11
FERRIC NITRATE	10421-48-4		HAN	TW			9
FERRIC SULFATE	10028-22-5		HAN	TW,GW			9
FERROCYANIDE	13408-63-4		HAN	TW,SO		HAN5	9
FERROUS AMMONIUM SULFATE	7783-85-9		HAN	TW,GW			9
FERROUS SULFATE	7720-78-7		HAN	TW,GW			9
FLUORANTHENE	206-44-0	IDRYL	HAN	SW,GW,SO,AR		MEPA	6
FLUORIDE	7782-41-4		HAN	SW,GW,TW,SD,SO		HAN3,HAN4,HAN5,	10
FLUOROTRICHLOROMETHANE	75-69-4	FREON 11	HAN	GW		HAN3	2
FUEL OIL #2	68476-34-6		HAN	GW,SO,AR		HAN3,MEPA	8
HEPTADECANOIC ACID	506-12-7	MARGARIC ACID	HAN	TW			7
HEPTANEDIOIC ACID	111-16-0	PILERIC ACID	HAN	TW			7
HEXACHLORO-6,7-EPOXY-5,6,7,8,9,10,11,11-OCTAHYDRO-1,4-en	72-20-8	ENDRIN	HAN	TW			3
HEXACHLOROCYCLOHEXANE, gamma	58-89-9	LINDANE	HAN	TW			3

HEXADECANOIC ACID	57-10-3	PALMITIC ACID	HAN	TW			7
HEXANEDIOIC ACID	124-04-9	ADIPIC ACID	HAN	TW			7
HEXANONE, 2-	591-78-6	METHYL n-BUTYL KETONE	HAN	GW		HAN3	7
HEXYL METHANOATE	629-33-4		HAN	SO		HAN4	7
HYDRAZINE	302-01-2	DIAMINE	HAN	SW,AR,TW		MEPA	10
HYDROCARBONS			HAN	AR			8
HYDROCARBONS, n-C23 - nC35			HAN	TW			8
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	HAN	GW			10
HYDROCYANIC ACID	74-90-8		HAN	SO		HAN4	10
HYDROFLUORIC ACID	7664-39-3	HYDROGEN FLUORIDE	HAN	TW,GW,SO		HAN3,HAN4	10
HYDROGEN 3	10028-17-8	TRITIUM	HAN	SW,GW,AR,SO,SD	X	HAN1,HAN2,HAN3,	11
HYDROGEN SULFIDE	7783-06-4		HAN	TW,GW			10
HYDROXYBUTANEDIOIC ACID	617-48-1	MALIC ACID, DL-	HAN	TW			7
HYDROXYQUINOLINE, 2-	59-31-4	HYDROXYQUINOLINE	HAN	TW			7
IMINODIACETIC ACID	142-73-4	DIGLYCIN	HAN	TW			7
IMINODIACETIC ACID, (2-HYDROXYETHYL)	93-62-9		HAN	TW			7
IODINE 129	15046-84-1		HAN	SW,GW,AR,TW,SO		HAN2,HAN3,HAN4,	11
IODINE 131	10043-66-0		HAN	AR,GW,SD,SW		HAN1,HAN2,HAN3,	11
IRON	7439-89-6		HAN	TW,GW,SD,SO,SW		HAN3,HAN4,HAN5	9
KEROSENE	8008-20-6		HAN	SO,GW		HAN3,HAN4,HAN5	8
LANTHANUM	7439-91-0		HAN	SD,SO		HAN3,HAN4	9
LEAD	7439-92-1		HAN	SW,GW,SO,AR,TW,SD	X	HAN2,HAN3,HAN4,	9
LEAD 210	14255-04-0		HAN	TW			11
LEAD 212	15092-94-1		HAN	AR			11
LEAD NITRATE	10099-74-8		HAN	TW,GW			9
LITHIUM	7439-93-2	ALUMINUM ALLOY	HAN		X	HAN2	9
LITHIUM CHLORIDE	7447-41-8		HAN	GW,SO,AR		MEPA	9
MAGNESIUM	7439-95-4		HAN	GW,SO,AR,SD		HAN2,HAN3,HAN4,	9
MANGANESE	7439-96-5		HAN	SW,GW,SO,AR,TW,SD		HAN3,HAN4,HAN5,	9
MANGANESE 54	13966-31-9		HAN	GW,SO,AR		HAN5,MEPA	11
MERCURIC NITRATE	10045-95-0		HAN	TW,GW			9
MERCURIC THIOCYANATE	592-85-8		HAN	TW,GW			9
MERCURY	7439-97-6		HAN	SW,GW,AR,TW,SD,SO	X	HAN2,HAN3,HAN4,	9
METHANAL	50-00-0	FORMALDEHYDE	HAN	TW,SO		HAN4	7
METHANETRICARBOXYLIC ACID			HAN	TW			7
METHANOL	67-56-1	METHYL ALCOHOL	HAN	TW,SO		HAN3	7
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	HAN	SW,GW,TW,SO		HAN3,MEPA	7
METHYLENE bis(3,4,6-TRICHLOROPHENOL)	70-30-4	HEXACHLOROPHENE	HAN	SO		HAN4	1
METHYLNAPHTHALENE, 2-	91-57-6	METHYLNAPHTALEN	HAN	SW,AR		MEPA	6
METHYLPHENOL, 4-	106-44-5	p-CRESOL	HAN	SW,GW,SO,AR		MEPA	7
MOLYBDENUM	7439-98-7		HAN	GW,SO,AR,SD		HAN3,HAN4,MEPA	9
N-(2-HYDROXYETHYL)-N'-(METHYL)ETHYLENEDIAMINE-N,N'-DI		HEMeEDDA	HAN	TW			7
N-(2-HYDROXYETHYL)ETHYLENEDIAMINE-N'N'-DIACETIC ACID		HEEDDA	HAN	TW			7
N-(METHYL)ETHYLENEDIAMINE-N,N'-DIACETIC ACID	64-02-8	AQUAMOLINE	HAN	TW			7
NAPHTHALENE	91-20-7	CAMPHOR TAR	HAN	SW,AR,SO		HAN4,MEPA	6
NAPHTHYLAMINE	91-59-8		HAN	TW,GW			7

9713508.0023

NEPTUNIUM 237	13994-20-2		HAN	SW,GW,SO,AR,TW		MEPA	11
NEPTUNIUM 239	13968-59-7		HAN	SW		HAN4	11
NICKEL	7440-02-0	RANEY ALLOY	HAN	SW,GW,SO,AR,TW,SD		HAN3,HAN4,MEPA	9
NICKEL 59	14336-70-0		HAN	SO		HAN2	11
NICKEL 63	13981-37-8		HAN	SW,GW,AR,TW,SO	X	HAN1,HAN2,MEPA	11
NICKEL FERROCYANIDE	14874-78-3		HAN	TW,GW			9
NICKEL NITRATE	13138-45-9		HAN	TW,GW			9
NICKEL SULFATE	7786-81-4		HAN	TW,GW			9
NIOBIUM 95	13967-76-5		HAN	GW,SO,AR,SW,SD		HAN3,HAN4,HAN5,	11
NITRATE	14797-55-8		HAN	SW,GW,SO,AR,SD		HAN1,HAN2,HAN3,	10
NITRIC ACID	7697-37-2		HAN	TW,GW,SD,SO		HAN3,HAN4	10
NITRILOTRIACETIC ACID	139-13-9	TRIGLYCINC	HAN	TW			7
NITRITE	14797-65-0		HAN	SO		HAN4	10
NITROGEN OXIDE	10024-97-2		HAN	AR			10
NONANEDIOIC ACID	123-99-9	AZELAIC ACID	HAN	TW			7
OCTADECANOIC ACID	57-11-4	STEARIC ACID	HAN	TW			7
OCTANEDIOIC ACID	505-48-6		HAN	TW			7
OXALIC ACID	144-62-7	ETHANEDIOIC ACID	HAN	TW			7
PALLADIUM	7440-05-3		HAN		X	HAN2	9
PENTACHLOROPHENOL	131-52-2	PERMITE, EP30	HAN	TW			1
PENTADECANE, n-	629-62-9	PENTADECANE	HAN	TW			8
PENTADECANOIC ACID	1002-84-2	PENTADECYCLIC ACID	HAN	TW			7
PENTANEDIOIC ACID	110-94-1	GLUTARIC ACID	HAN	TW			7
PHENANTHRENE	85-01-8	PHENANTRIN	HAN	SW,AR		MEPA	6
PHENOL	108-95-2	CARBOLIC ACID	HAN	SW,GW,SO,AR		HAN4,MEPA	7
PHOSPHATE	7601-54-9		HAN	TW,GW,SD,SO		HAN3,HAN4,HAN5	10
PHOSPHORIC ACID	7664-38-2		HAN	TW,GW			10
PHOSPHORUS	7723-14-0		HAN	SW		HAN4	10
PHTHALIC ACID	88-99-3	o-PTHALIC ACID	HAN	TW			7
PLUTONIUM 238	13981-16-3		HAN	SW,GW,AR,TW,SO,SD		HAN1,HAN2,HAN3,	11
PLUTONIUM 239	15117-48-3		HAN	SW,GW,SO,AR,TW,SD	X	HAN1,HAN2,HAN3,	11
PLUTONIUM 240	14119-32-5		HAN	SW,GW,SO,AR,TW,SD	X	HAN1,HAN2,HAN3,	11
PLUTONIUM 241	14119-32-6		HAN	SW,GW,AR,TW,SO		MEPA	11
PLUTONIUM 242	13982-10-0		HAN	SO			11
POLONIUM 210	13981-52-8		HAN	TW			11
POLONIUM 212	15389-34-1		HAN	AR			11
POLONIUM 216	15756-58-8		HAN	AR			11
POLYACRYLAMIDE	9003-05-8		HAN	NS			7
POLYCHLORINATED BICYCLIC TERPENES	8001-35-2	TOXAPHENE	HAN	TW			3
POLYCHLORINATED BIPHENYLS	1336-36-3		HAN	SO		HAN3	1
POTASSIUM	7447-40-7		HAN	GW,SD,SO		HAN2,HAN3,HAN4	9
POTASSIUM CHLORATE	3811-04-9		HAN	TW		HAN3	9
POTASSIUM CYANIDE	151-50-8		HAN	TW,GW			9
POTASSIUM DICHROMATE	7778-50-9		HAN	TW,GW			9
POTASSIUM FLUORIDE	7789-23-3		HAN	TW,GW			9
POTASSIUM HYDROXIDE	1310-58-3	POTASH LYE	HAN	TW,GW			9

POTASSIUM NITRATE	7757-79-1	SALTPETER	HAN	TW		HAN3	9
POTASSIUM PERMANGANATE	7722-64-7		HAN	TW,GW			9
PROMETHIUM 147	7440-12-2		HAN	AR,SO		HAN3,HAN4	11
PROPANE TRICARBOXYLIC ACID, 1,2-	77-92-9	CITRIC ACID	HAN	TW			7
PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)	93-72-1	SILVEX	HAN	TW			3
PROTACTINIUM 231	14331-85-2		HAN	TW			11
PROTACTINIUM 233	13981-14-1		HAN	SW,GW,SO,AR		MEPA	11
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	HAN	SW,GW,SO,AR		MEPA	6
PYRIDINE	110-86-1		HAN	SO		HAN4	5
RADIUM	7440-14-4		HAN	SO		HAN4	9
RADIUM 226	13982-63-3		HAN	TW			11
RADON 220	22481-48-7	THORON	HAN	AR			11
RUTHENIUM 103	13968-53-1		HAN	SO		HAN4	11
RUTHENIUM 106	13967-48-1		HAN	SW,GW,SO,AR,TW,SD		HAN1,HAN2,HAN3,	11
SAMARIUM 151	15705-94-3		HAN	SW,GW,TW		MEPA	11
SELENIUM	7782-49-2		HAN	TW,GW,SO		HAN3,HAN4,HAN5	10
SELENIUM 79	15758-45-9		HAN	TW,SW,AR		MEPA	11
SELENIUM CHLORIDE	10025-68-0		HAN	TW,GW			10
SELENIUM NITRATE			HAN	TW,GW			10
SILICA	7631-86-9		HAN	GW		HAN2,HAN3	10
SILICON	7440-21-3		HAN	SD,SO		HAN3,HAN4	10
SILVER	7440-22-4		HAN	SW,GW,SO,AR,TW,SD		HAN2,HAN3,HAN4,	9
SILVER CHLORIDE	7783-90-6		HAN	TW,GW			9
SILVER NITRATE	7761-88-8		HAN	TW,GW			9
SILVER OXIDE	20667-12-3		HAN	TW,GW			9
SODIUM	7440-23-5		HAN	TW,GW,SD,SO		HAN2,HAN3,HAN4,	9
SODIUM ALUMINATE			HAN	SO		HAN4	9
SODIUM CHLORIDE	7647-14-5		HAN	SW,GW,SO,AR,TW		HAN3,HAN4,MEPA	9
SODIUM DICHROMATE	10588-01-9		HAN	TW,GW,SO		HAN1	9
SODIUM FLUORIDE	7681-49-4		HAN	TW,GW		HAN3	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	HAN	TW,GW,SO		HAN3,HAN4	9
SODIUM HYPOCHLORITE	7681-52-9		HAN	TW,GW			9
SODIUM NITRATE	7631-99-4		HAN	TW,GW		HAN3	9
SODIUM PHOSPHATE, TRIBASIC	7601-54-9	TRISODIUM PHOSPHATE	HAN	TW,GW			9
SODIUM SILICATE	1344-09-8	WATER GLASS	HAN	SO		HAN4	9
SODIUM SULFATE	7757-82-6		HAN	TW		HAN3	9
SODIUM SULFIDE	1313-82-2		HAN	TW,GW			9
SODIUM THIOCYANATE	540-72-7		HAN	TW,GW			9
STRONTIUM	10476-85-4		HAN	SD,GW,SO		HAN3,HAN4	9
STRONTIUM 89	14158-27-1		HAN	SW		HAN2,HAN3,HAN4	11
STRONTIUM 90	10098-97-2		HAN	SW,GW,SO,AR,TW,SD	X	HAN1,HAN2,HAN3,	11
STRONTIUM CHLORIDE	10476-85-4		HAN	SW,GW,SO,AR		MEPA	9
STYRENE	100-42-5	VINYLBENZENE	HAN	GW		HAN3	5
SULFATE	12808-79-8	SULFATE ION	HAN	SW,TW,GW,SO,AR,SD		HAN2,HAN3,HAN4,	10
SULFIDE	18496-25-8		HAN	SD,GW,SO		HAN3,HAN4	10
SULFUR OXIDES	20901-21-7		HAN	AR			10

9713508.0024

SULFURIC ACID	7664-93-9		HAN	SW,GW,TW,AR,SO		HAN3,HAN4,MEPA	10
TECHNECIUM 99	14133-76-7		HAN	SW,GW,TW,AR,SO		HAN1,HAN2,HAN3,	11
TETRACHLORODIBENZO-p-DIOXIN, 2,3,7,8-	1746-01-6	2,3,7,8TCDD DIOXIN	HAN	SW,GW,SO,AR		HAN4,MEPA	3
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	HAN	GW,SO,AR		HAN3,MEPA	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	HAN	SW,GW,SO,AR,SD		HAN3,HAN4,MEPA	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	HAN	SW,GW,SO,AR,TW		HAN3,HAN4,MEPA	2
TETRADECANE, n-	629-59-4		HAN	TW			8
TETRADECANOIC ACID	544-63-8	MYRISTIC ACID	HAN	TW			7
THALLIUM	7440-28-0		HAN	SW,GW,SO		HAN3,HAN4,MEPA	9
THALLIUM 208	14913-50-9		HAN	AR			11
THIOUREA	62-56-6		HAN	SO		HAN4	7
THORIUM 229	15595-54-4		HAN	TW			11
THORIUM 230	14268-63-7		HAN	SW,GW,AR,TW		MEPA	11
THORIUM 232			HAN	GW,SO		MEPA	11
TIN	7440-31-5		HAN	SD,SO		HAN3,HAN4	9
TIN 113	13966-06-8		HAN	AR			11
TIN 126	15832-50-5		HAN	TW,SW,GW		MEPA	11
TITANIUM	7440-32-6		HAN	SD,SO		HAN3,HAN4	9
TITANIUM CHLORIDE	10049-06-6		HAN	TW,GW			9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	HAN	SW,GW,SO,AR,TW,SD		HAN3,HAN4,MEPA	5
TRIBROMOMETHANE	75-25-2	BROMOFORM	HAN	GW		HAN3	2
TRIBUTYL PHOSPHATE	126-73-8	CELLUPHOS 4	HAN	SO,GW		HAN3,HAN4,HAN5	7
TRICHLORO-2,2-BIS[p-METHOXYPHENYL]ETHANE, 1,1,1-	72-43-5	METHOXYCHLOR	HAN	TW			3
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	HAN	SW,GW,SO,AR,TW		HAN3,HAN4,MEPA	2
TRICHLOROETHANE, 1,1,2-	79-00-5	VINYL TRICHLORIDE	HAN	GW,SO,AR		HAN3,MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	HAN	SW,GW,SO,AR,SD		HAN3,HAN4,MEPA	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	HAN	SW,GW,SO,AR		HAN3,HAN4,MEPA	2
TRIDECANE, n-	629-50-5	TRIDECANE	HAN	TW			8
TUNGSTEN	7440-33-7		HAN	SD,SO		HAN3,HAN4	9
URANIUM	7440-61-1		HAN	SW,GW,SO,AR,SD,TW		HAN1,HAN2,HAN3,	9
URANIUM (TOTAL ACTIVITY)			HAN	GW,SO,SW		HAN4,HAN5	11
URANIUM 233	13968-55-3		HAN	SW,GW,SO,AR,TW		MEPA	11
URANIUM 234	13966-29-5		HAN	SW,GW,AR,TW,SO		HAN2,HAN3,HAN4,	11
URANIUM 235	15117-96-1		HAN	SW,GW,SO,AR,TW		HAN2,HAN3,HAN4,	11
URANIUM 236	13982-70-2		HAN	SW,GW,SP,AR		MEPA	11
URANIUM 238	24678-82-8		HAN	SW,GW,SO,AR,TW		HAN2,HAN3,HAN4,	11
VANADIUM	7440-62-2		HAN	SD,GW,SO		HAN3,HAN4,HAN5	9
VANADIUM PENTOXIDE	13140-62-1		HAN	TW,GW			9
VINYL ACETATE	108-05-4	VINYL ETHANOATE	HAN	GW		HAN3	7
XYLENE	1330-20-7	DIMETHYL BENZENE	HAN	SW,GW,AR,SD		HAN3,MEPA	5
XYLENE, m-	108-38-3		HAN	SD		HAN3	5
XYLENES, isomer mix	1330-20-7		HAN	TW,SO,GW		HAN3,HAN4	5
YTTRIUM 90	10098-91-6		HAN	SW,GW,SO,AR		MEPA	11
ZINC	7440-66-6		HAN	SD,GW,SO		HAN3,HAN4,HAN5	9
ZINC 65	13982-39-3		HAN	SW,SO		HAN4,HAN5	11
ZINC AMALGAM			HAN	TW,GW			9

ZINC CHLORIDE	1646-85-7		HAN	TW,GW			9
ZINC COMPOUNDS	7646-85-7		HAN	SW,AR		MEPA	9
ZINC NITRATE	7779-88-6		HAN	TW,GW			9
ZIRCONIUM	7440-67-7		HAN	SW,AR,TW,SO		HAN4,MEPA	9
ZIRCONIUM 93	15751-77-6		HAN	TW,SW,GW,SD		HAN3,MEPA	11
ZIRCONIUM 95	13967-71-0		HAN	SW,SO,SD		HAN3,HAN4,HAN5	11

97 13508.0025

IDAHO NATIONAL ENGINEERING LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETAMIDE, N-(4-ETHOXYPHENYL)	62-44-2	PHENACETIN	INEL	GW		IN2	7
ACETONE	67-64-1	DIMETHYL KETONE	INEL	GW,SO,SD,AR		MEPA,IN2,IN6,IN14	7
ACETYLAMINOFLUORENE, 2-		2-AAF	INEL	GW		IN2	6
ACRYLONITRILE	107-13-1	VINYL CYANIDE	INEL	SD		IN14	7
ACTINIUM 225	14265-85-1		INEL	SO		MEPA,IN3	11
ACTINIUM 227	14952-40-0		INEL	SO		IN3	11
ACTINIUM 228	14331-83-0		INEL	SO		IN3	11
ALUMINUM	7429-90-5		INEL	GW,SO,AR		MEPA,IN1,IN3,IN4,I	9
ALUMINUM NITRATE	13473-90-0		INEL		X		9
AMERICIUM 241	7440-35-9		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN3,IN4,I	11
AMINOBIPHENYL, 4-			INEL	GW		IN2	6
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	INEL	SO	X	IN1,IN4	10
ANTIMONY	7440-36-0	STIBIUM	INEL	GW		IN2	9
ANTIMONY 122	14374-79-9		INEL	SO		IN14	11
ANTIMONY 124	14683-10-4		INEL	SO		IN14	11
ANTIMONY 125	14234-35-6		INEL	SD,AR,SW		MEPA,IN1,IN3,IN5,I	11
ARGON	7440-37-1		INEL		X		10
ARGON 41	14153-25-8		INEL	SO		IN14	11
AROCLOR 1016 (PCB)	12674-11-2		INEL	SD		IN14	1
AROCLOR 1221 (PCB)	11104-28-2		INEL	SD		IN14	1
AROCLOR 1232 (PCB)	11141-16-5		INEL	SD		IN14	1
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	INEL	SD		IN14	1
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	INEL	SO,SD,AR		MEPA	1
ARSENIC	7440-38-2		INEL	GW,SO,SD,AR		MEPA,IN1,IN2,IN3,I	9
ASBESTOS (CROC)	12001-28-4	CROCIDOLITE	INEL	SD,AR,SO		MEPA,IN1,IN2,IN4,I	13
ASTATINE 217	17239-90-6		INEL	SO		IN3	11
BARIUM	7440-39-3		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN2,IN3,I	9
BARIUM 137m	13981-97-0		INEL	SO		IN3	11
BARIUM 140	14798-08-4		INEL	SW,SO		IN1,IN14	11
BENTONITE	1302-78-9	SODIUM MONTMORILLONITE	INEL		X		13
BENZENE	71-43-2	ANNULENE	INEL	SO,GW		MEPA,IN1,IN2,IN4,I	5
BENZENEACETIC ACID	103-82-2		INEL	GW		IN6	7
BENZENEDICARBOXYLIC ACID ISOMERS	29010-86-4		INEL	GW		IN6	7
BENZOIC ACID	65-85-0		INEL	GW		IN6	7
BERYLLIUM	7440-41-7		INEL	GW,SO,SD,AR		MEPA,IN1,IN3,IN4,I	9
BERYLLIUM OXIDE	1304-56-9		INEL		X		9
BETZ INHIBITOR 20K- 20187			INEL		X		12
BICYCLOTRIMETHYLOCTANONE			INEL	GW		IN6	7
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	INEL	SO,SD,AR,GW		MEPA,IN2,IN14	7
BISMUTH 210	14331-79-4		INEL	SO		IN3	11
BISMUTH 211	15229-37-5		INEL	SO		IN3	11
BISMUTH 212	14913-49-6		INEL	SO		IN3	11
BISMUTH 213	15776-20-2		INEL	SO		IN3	11
BISMUTH 214	14733-03-0		INEL	SO,SW		IN1,IN3	11

BORON	7440-42-8		INEL	SD,AR		MEPA	10
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	INEL	GW		IN2	2
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	INEL	GW,SO,SD,AR		MEPA	7
BUTENEDIAMIDE			INEL	GW		IN6	7
BUTYL BENZYL PHTHALATE	85-68-7	PHTHALIC ACID	INEL	GW		IN2	7
BUTYL-4,5-DINITROPHENOL, 2-sec-			INEL	GW		IN2	4
BUTYLBENZENE	104-51-8		INEL	GW		IN6	5
CADMIUM	7440-43-9		INEL	GW,SO,SD,AR,SW	X	MEPA,IN1,IN3,IN4,I	9
CADMIUM 115	14336-68-6		INEL	SO		IN14	11
CALCIUM	7440-43-9		INEL	SW,GW		IN1	9
CALCIUM NITRATE	10124-37-5		INEL		X		9
CARBON 14	14762-75-5		INEL	SD,AR		MEPA,IN5	11
CEMENT, PORTLAND			INEL		X		13
CERIUM 141	13967-74-3		INEL	SW,SO		IN1,IN14	11
CERIUM 144	14762-78-8		INEL	SO,SD,AR,SW,GW		MEPA,IN1,IN5,IN12	11
CESIUM 134	13967-70-9		INEL	SD,AR,SW,SO		MEPA,IN1,IN5,IN14	11
CESIUM 135	15726-30-4		INEL	GW,SO,AR		MEPA	11
CESIUM 137+D			INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN3,IN4,I	11
CHLORIDE	16887-00-6		INEL	GW,SW		IN1,IN5,IN10	10
CHLORINE	7782-50-5		INEL		X		10
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	INEL	SO		MEPA	1
CHLOROBENZILATE			INEL	GW		IN2	1
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	INEL	GW		IN2	2
CHROMIUM	7440-47-3		INEL	SO,GW,SW		IN1,IN3,IN5,IN15	9
CHROMIUM (III)	16065-83-1		INEL	GW,SO,SD,AR		MEPA	9
CHROMIUM (IV)	15723-28-1		INEL	GW,SO,SD,AR		MEPA,IN14	9
CHROMIUM (VI)	18540-29-9		INEL	SO,SD,GW		IN14	9
COBALT	7440-48-4		INEL	GW		IN1,IN2,IN3	9
COBALT 57	13981-50-5		INEL	GW		IN1,IN15	11
COBALT 58	13981-38-9		INEL	SW,SO		IN1,IN14	11
COBALT 60	10198-40-0		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN3,IN4,I	11
COPPER	7440-50-8		INEL	SO,SD,AR,GW		MEPA,IN2	9
CURIUM 244	13981-15-2		INEL	SO,SD		IN1,IN14	11
CYANIDE	57-12-5		INEL	SO,SD,AR,GW		MEPA,IN1,IN3,IN4,I	10
CYCLOHEXANE	110-82-7		INEL	GW		IN6	8
CYCLOPENTANEUNDECANOIC ACID	6053-49-2		INEL	GW		IN6	7
CYCLOPENTANEUNDECANOIC ACID METHYL ESTER	25779-85-5		INEL	GW		IN6	7
DECANOIC ACID	334-38-5		INEL	GW		IN6	7
DECYLHYDROXYLAMINE			INEL	GW		IN6	7
DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	INEL	GW,SD		IN2,IN14	7
DI-n-OCTYL PHTHALATE	117-84-0	DIOCTYL-o-BENZENE DICARBO	INEL	SD		IN14	7
DICHLOROBENZENE, 1,2-	95-50-1	DOWTHERM E	INEL	GW		IN9,IN11	1
DICHLORODIFLUOROMETHANE	75-71-8	FREON 12	INEL	GW,SD		IN1,IN2,IN3,IN9,IN1	2
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	INEL	SO,SD,AR,GW		MEPA,IN6	3
DICHLOROETHANE, 1,1-	75-34-3	ETHYLIDENE CHLORIDE	INEL	GW		IN1,IN2,IN3,IN11,IN	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE CHLORIDE	INEL	GW		IN2	2

9713508.0026

DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	INEL	GW		IN1,IN2,IN3,IN9,IN1	2
DICHLOROETHYLENE, 1,2-	540-59-0		INEL	GW		IN2	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	INEL	GW		IN9,IN11	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	INEL	GW		IN2	2
DICHLOROPROPANE, 1,1-	78-99-9		INEL	GW		IN3	2
DICHLOROPROPANE, 1,2-	78-87-5		INEL	GW		IN1,IN9,IN15	2
DICHLOROPROPENE, 1,2-	563-54-2		INEL	GW		IN11	2
DIELDRIN	60-57-1		INEL	SD		IN14	3
DIESEL FUEL			INEL	GW,SO,SD,AR,SW	X	MEPA,IN2	8
DIETHYL ETHER	60-29-7	ETHYL ETHER	INEL	SO		IN1,IN3,IN4	7
DIHYDRO-METHYL-1H-INDENE			INEL	GW		IN6	8
DIHYDROMETHYLPYRAN			INEL	GW		IN6	7
DIHYDROMETHYLPYRONE			INEL	GW		IN6	7
DIISOPROPYL THIOCARBAMATE, S-2,3-DICHLOROALLYL	2303-16-4	DIALLATE	INEL	GW		IN2	3
DIMETHYL-METHYLETHYLBENZENE			INEL	GW		IN6	5
DIMETHYLAMINOZOBENZENE			INEL	GW		IN2	7
DIMETHYLBENZIDINE, 3,3-	119-93-7		INEL	GW		IN2	7
DIMETHYLBENZ[a]ANTHRACENE, 7,12-	57-97-6		INEL	GW		IN2	6
DIMETHYLCYCLOHEXANE			INEL	GW		IN6	8
DIMETHYLDISULFIDE	624-92-0		INEL	GW		IN6	7
DIMETHYLDODECATRIENOL			INEL	GW		IN6	7
DIMETHYLETHOXYL METHYLBENZENE			INEL	GW		IN6	7
DIMETHYLETHYL BENZENE			INEL	GW		IN6	5
DIMETHYLHEXANE			INEL	GW		IN6	8
DIMETHYLHEXANONE NONANOIC ACID			INEL	GW		IN6	7
DIMETHYLOCTAHYDROPHENANTHRENE CARBOXYLIC ACID			INEL	GW		IN6	7
DIMETHYLOXETANE			INEL	GW		IN6	7
DIMETHYLPENTANE			INEL	GW		IN6	8
DIMETHYLPENTENE			INEL	GW		IN6	8
DIPHENYLAMINE	122-39-4	BENZENAMINE, N-PHENYL	INEL	GW		IN2	7
DIPHENYLHYDRAZINE	122-66-7	HYDRAZOBENZENE	INEL	GW		IN6	7
DOCOSENOIC ACID	112-86-7	FRUCIC ACID	INEL	GW		IN6	7
DODECADIENE			INEL	GW		IN6	8
DODECANONE			INEL	GW		IN6	7
EDETATE SODIUM	60-00-4	VERSENE	INEL	SO		IN1,IN3	7
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	INEL	GW,SD,AR,SO	X	MEPA,IN1,IN3,IN4,I	7
ETHANOL	64-17-5	ETHYL ALCOHOL	INEL		X		7
ETHYLBENZENE	100-41-4	PHENYLETHANE	INEL	GW,SO,AR		MEPA	5
ETHYLCYCLOHEXANE	1678-91-7		INEL	GW		IN6	8
ETHYLCYCLOPENTANE	1640-89-7		INEL	GW		IN6	8
ETHYLDODECENE			INEL	GW		IN6	8
ETHYLMETHYLCYCLOHEXANE			INEL	GW		IN6	8
ETHYLMETHYLCYCLOPENTANE			INEL	GW		IN6	8
ETHYLPROPYLHEXANOL			INEL	GW		IN6	7
EUROPIUM 154	15585-10-1		INEL	SO,SW,SD		IN1,IN3,IN15	11
EUROPIUM 155	14391-16-3		INEL	AR		MEPA	11

FLUORIDE	7782-41-4		INEL	GW,SO,SD,AR,SW		MEPA,IN5	10
FRANCIUM 221	15756-41-9		INEL	SO		IN3	11
FRANCIUM 223	15756-98-6		INEL	SO		IN3	11
FUEL OIL			INEL		X		8
FUEL OIL #2	68476-34-6		INEL	GW,SO,SD,AR	X	MEPA,IN2	8
FUEL OIL (DIESEL #1 & #2 BLEND)			INEL		X	IN2	8
FUEL OIL, #5			INEL		X	IN2	8
FUEL OIL, #6			INEL	SO,SD,AR		MEPA	8
GASOLINE	8006-61-9		INEL	SO,SD,AR	X	MEPA,IN1,IN2,IN3,I	8
GASOLINE, UNLEADED			INEL		X	IN2	8
HAFNIUM 181	14900-21-1		INEL	SO		IN14	11
HEPTACHLOR	76-44-8		INEL	SD		IN14	3
HEPTADECATRIYNOIC ACID			INEL	GW		IN6	7
HEPTANE	142-82-5		INEL	GW		IN6	8
HEPTANOIC ACID	111-14-8		INEL	GW		IN6	7
HEPTANOL	111-70-6		INEL	GW		IN6	7
HEXACHLORO-6,7-EPOXY-5,6,7,8,9,10,11,etc.	72-20-8	ENDRIN	INEL	SD		IN14	3
HEXADECENOIC ACID			INEL	GW		IN6	7
HEXADECENOIC ACID ISOMERS			INEL	GW		IN6	7
HEXADECENOIC ACID METHYL ESTER			INEL	GW		IN6	7
HEXADECYNOIC ACID			INEL	GW		IN6	7
HEXANEDIOIC ACID, DIOCTYL ESTER	123-79-5		INEL	GW		IN2	7
HEXANEDIOIC ACID, MONO(2-ETHYL HEXYL)ESTER			INEL	GW		IN2	7
HEXANOIC ACID	142-62-1		INEL	GW		IN6	7
HEXATRIACONTANE	630-06-8		INEL	GW		IN6	8
HEXYLPENTYL ETHER			INEL	GW		IN6	7
HYDROFLUORIC ACID	7664-39-3	HYDROGEN FLUORIDE	INEL		X		10
HYDROGEN 3	10028-17-8	TRITIUM	INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN4,IN5,I	11
HYDROXYPROPANOIC ACID			INEL	GW		IN6	7
IODINE 129	15046-84-1		INEL	GW,SO,SD,AR,SW		MEPA,IN5,IN11,IN1	11
IODINE 131	10043-66-0		INEL	SO,SD,AR		MEPA,IN14	11
IODINE 132	14683-16-0		INEL	SO		IN14	11
IODINE 133	14834-67-4		INEL	SO		IN14	11
IODINE 135	14834-68-5		INEL	SO		IN14	11
IRON	7439-89-6		INEL	SO		IN1,IN3,IN4,IN15	9
IRON 59	14596-12-4		INEL	SO		IN14	11
ISOPROPYL-2-CHLOROEHTYLSULFITE, 2-(p-t-BUTYLPHENOXY)-	140-57-8	ARAMITE	INEL	GW		IN2	3
JET FUEL			INEL	SO		MEPA	8
KEROSENE	8008-20-6		INEL	SO		MEPA,IN4	8
KRYPTON 85	13983-27-2		INEL	SD,AR		MEPA,IN5	11
LANTHANUM 140	13981-28-7		INEL	SW,SO		IN1,IN14	11
LEAD	7439-92-1		INEL	GW,SO,SD,AR,SW	X	MEPA,IN1,IN2,IN3,I	9
LEAD 209	14119-30-3		INEL	SO		IN3	11
LEAD 210	14255-04-0		INEL	SO		IN3	11
LEAD 211	15816-77-0		INEL	SO		IN3	11
LEAD 212	15092-94-1		INEL	SO		IN3	11

9713508.0027

LEAD 214	15067-28-4		INEL	SO		IN3	11
LEAD OXIDE	1317-36-8	MASSICOTITE, LITHARGE	INEL	SO		MEPA	9
LITHIUM	7439-93-2	ALUMINUM ALLOY	INEL	SO		IN1,IN3,IN15	9
LITHIUM HYDRIDE	7580-67-8		INEL		X		9
LUTETIUM 177	14265-75-9		INEL	SO		IN14	11
MAGNESIUM	7439-95-4		INEL	GW,SW,SO		IN1,IN4	9
MANGANESE	7439-96-5		INEL	SW		IN1	9
MANGANESE 54	13966-31-9		INEL	SO		IN14	11
MANGANESE 56	14681-52-8		INEL	SO		IN14	11
MASTLOCK (SOLIDIFICATION AGENT)			INEL		X		12
MERCURY	7439-97-6		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN4,IN5,I	9
METHAPYRILENE	91-80-5		INEL	GW		IN2	7
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	INEL	SO	X	MEPA	7
METHYLBENZENE, DIMETHYLETHOXY			INEL	GW		IN6	7
METHYLBUTANONE			INEL	GW		IN6	7
METHYLCHOLANTHRENE, 3-	56-49-5	METHYLCHOLANTHRENE, 3-	INEL	GW		IN2	6
METHYLDECANOIC ACID			INEL	GW		IN6	7
METHYLDECANOIC ACID ISOMERS			INEL	GW		IN6	7
METHYLDIHYDROFURAN			INEL	GW		IN6	7
METHYLDIHYDROPYRAN			INEL	GW		IN6	8
METHYLENE bis(3,4,6-TRICHLOROPHENOL)	70-30-4	HEXACHLOROPHENE	INEL	GW		IN2	1
METHYLENE-bis-PYRROLIDINE			INEL	GW		IN6	7
METHYLETHYLCYCLOPENTANE ISOMERS			INEL	GW		IN6	8
METHYLETHYLCYCLOPROPANE			INEL	GW		IN6	8
METHYLETHYLDIOXETANE			INEL	GW		IN6	7
METHYLETHYLDIOXOLANE			INEL	GW		IN6	7
METHYLHEXANOIC ACID			INEL	GW		IN6	7
METHYLHEXANOIC ACID ISOMERS			INEL	GW		IN6	7
METHYLNONANE			INEL	GW		IN6	8
METHYLNONANOIC ACID			INEL	GW		IN6	7
METHYLNONANOIC ACID ISOMERS			INEL	GW		IN6	7
METHYLNONANOIC ACID METHYL ESTER			INEL	GW		IN6	7
METHYLNONANOIC ACID METHYL ESTER ISOMERS			INEL	GW		IN6	7
METHYLPENTADECANOIC ACID METHYL ESTER			INEL	GW		IN6	7
METHYLPENTANOIC ACID			INEL	GW		IN6	7
METHYLPENTANOIC ACID ISOMERS			INEL	GW		IN6	7
METHYLPENTANOL			INEL	GW		IN6	7
METHYLPHENYL-DIOXOLANE			INEL	GW		IN6	7
METHYLPHENYLETHANONE			INEL	GW		IN6	7
METHYLPHENYLHYDRAZINE			INEL	GW		IN6	7
METHYLPROPANE	75-28-5	ISOBUTANE	INEL	GW		IN6	8
METHYLTETRADECANOIC ACID			INEL	GW		IN6	7
METHYLTETRADECANOIC ACID ISOMERS			INEL	GW		IN6	7
METHYOXYHEXENE			INEL	GW		IN6	7
MOLYBDENUM 99	14119-15-4		INEL	SO		IN14	11
MOTOR OIL			INEL	GW SO SD,AR		MEPA	8

NAPHTHALENE	91-20-3	CAMPHOR TAR	INEL	GW,SO,AR		MEPA,IN6	6
NEODYMIUM 147	14269-74-0		INEL	SO		IN14	11
NEPTUNIUM 237	13994-20-2		INEL	GW,SO,SD,AR		MEPA,IN3	11
NEPTUNIUM 239	13968-59-7		INEL	SO		IN14	11
NICKEL	7440-02-0	RANEY ALLOY	INEL	GW		IN1,IN3,IN15	9
NICKEL 59	14336-70-0		INEL	SO		IN1,IN4,IN15	11
NIOBIUM 95	13967-76-5		INEL	SW,SO		IN1,IN14	11
NIOBIUM 97	18496-04-3		INEL	SO		IN14	11
NITRATE	14797-55-8		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN4,IN5,I	10
NITRIC ACID	7697-37-2		INEL	GW,SO,AR	X	MEPA	10
NITRO-O-TOLUIDINE, 5-	99-55-8		INEL	GW		IN2	4
NITROGEN	7727-37-9		INEL		X		10
NITROGEN DIOXIDE	10102-44-0		INEL	SD,AR		MEPA	10
NITROQUINOLINE-1-OXIDE, 4-			INEL	GW		IN2	4
NITROSODIPHENYLAMINE (1), N-			INEL	GW		IN2	7
NONANAL	124-19-6		INEL	GW		IN6	7
NONANEDIOL			INEL	GW		IN6	7
NONANOIC ACID	112-05-0		INEL	GW		IN6	7
NONANOIC ACID ISOMERS			INEL	GW		IN6	7
NONANOIC ACID METHYL ESTER	1731-84-6		INEL	GW		IN6	7
OCTADECADECYNOIC ACID			INEL	GW		IN6	7
OCTADECADIYNOIC ACID			INEL	GW		IN6	7
OCTADECENOIC ACID			INEL	GW		IN6	7
OCTADECENOL			INEL	GW		IN6	7
OCTANOIC ACID	124-07-2		INEL	GW		IN6	7
OIL			INEL	SO	X	IN1,IN3,IN4,IN15	8
OXALIC ACID	144-62-7	ETHANEDIOIC ACID	INEL	GW	X	IN6	7
OXONONANOIC ACID			INEL	GW		IN6	7
OXYGEN	7782-44-7		INEL		X		10
PARAFFINIC OILS			INEL		X		8
PENTACHLORONITROBENZENE	82-68-8	QUINTOZENE	INEL	GW		IN2	1
PENTACHLOROPHENOL	131-52-2	PERMITE, EP30	INEL	GW,SD		IN2,IN14	1
PENTADECYNOIC ACID			INEL	GW		IN6	7
PENTANOIC ACID			INEL	GW		IN6	7
PERFORMAX 403 (COOLING WATER TREATMENT)			INEL		X		12
PHENOL	108-95-2	CARBOLIC ACID	INEL	GW,SO,AR		MEPA,IN2	7
PHENYL PROPANONE	103-79-7	PHENYLACETONE	INEL	GW		IN6	7
PHENYLMETHYLSYDNONE			INEL	GW		IN6	7
PHOSPHATE	7601-54-9		INEL	SW		IN5	10
PLUTONIUM	7440-07-5		INEL	AR,SW		IN5	9
PLUTONIUM 238	13981-16-3		INEL	GW,SO,SD,AR		MEPA,IN1,IN3,IN4,I	11
PLUTONIUM 239	15117-48-3		INEL	GW,SO,SD,AR		MEPA,IN1,IN3,IN4,I	11
PLUTONIUM 240	14119-32-5		INEL	SO,SD,AR,GW		MEPA,IN1,IN3,IN4,I	11
PLUTONIUM 241	14119-32-6		INEL	SO		IN1,IN3,IN4,IN15	11
PLUTONIUM 242	13982-10-0		INEL	SO		IN1,IN3,IN4,IN15	11
POLONIUM 210	13981-52-8		INEL	SO		IN3	11

9713508.0028

POLONIUM 211	15735-83-8		INEL	SO		IN3	11
POLONIUM 212	15389-34-1		INEL	SO		IN3	11
POLONIUM 213	15756-57-7		INEL	SO		IN3	11
POLONIUM 214	15735-67-8		INEL	SO		IN3	11
POLONIUM 215	15706-52-2		INEL	SO		IN3	11
POLONIUM 216	15756-58-8		INEL	SO		IN3	11
POLONIUM 218	15422-74-9		INEL	SO		IN3	11
POLYCHLORINATED BIPHENYLS	1336-36-3		INEL	GW,SO,AR		MEPA,IN1,IN3,IN4,I	1
POTASSIUM	7447-40-7		INEL	SW,GW		IN1	9
POTASSIUM 40	13966-00-2		INEL	SW		IN1	11
POTASSIUM CHLORIDE	7447-40-7		INEL	GW,SO,AR		MEPA	9
POTASSIUM HYDROXIDE	1310-58-3	POTASH LYE	INEL		X		9
PROPANAMIDE	79-05-0	PROPIONAMIDE	INEL	GW		IN6	7
PROPANE	74-98-6	DIMETHYL METHANE	INEL		X		8
PROPENAMIDE, N-(HYDROXYMETHYL)	924-42-5		INEL	GW		IN6	7
PROPENYLCYCLOPENTANE			INEL	GW		IN6	8
PROPYLCYCLOHEXANE	1678-92-8		INEL	GW		IN6	8
PROPYLCYCLOPENTANE	2040-96-2		INEL	GW		IN6	8
PROPYLETHYLHEXANOL			INEL	GW		IN6	7
PROPYLHEPTANOL			INEL	GW		IN6	7
PROTACTINIUM 231	14331-85-2		INEL	SO,AR		IN3,IN5	11
PROTACTINIUM 233	13981-14-1		INEL	GW,SO,SD,AR		MEPA,IN3	11
PROTACTINIUM 234	15100-28-4		INEL	SO		IN3	11
RADIUM 223	15623-45-7		INEL	SW		IN3	11
RADIUM 224	13233-32-4		INEL	SW		IN3	11
RADIUM 225	13981-53-8		INEL	SW		IN3	11
RADIUM 226	13982-63-3		INEL	SW		IN1,IN3	11
RADIUM 228	15262-20-1		INEL	SW		IN3	11
RADON 219	14835-02-0		INEL	SO		IN3	11
RADON 220	22481-48-7	THORON	INEL	SO		IN3	11
RADON 222	14859-67-7		INEL	SO		IN3	11
RHENIUM 188	14378-26-8		INEL	SO		IN14	11
RHODIUM 106	14234-34-5		INEL	SO		IN14	11
RUTHENIUM 103	15765-86-3		INEL	SO		IN14	11
RUTHENIUM 106	13967-48-1		INEL	SO,AR,SW,GW		MEPA,IN1,IN5,IN8,I	11
SCANDIUM 46	13867-63-0		INEL	SO		IN14	11
SELENIUM	7782-49-2		INEL	GW,SO,SW		IN1,IN3,IN5,IN15	10
SELENIUM 79	15758-45-9		INEL	GW,SO,AR		MEPA	11
SILICON	7440-21-3		INEL	SO		IN4	10
SILVER	7440-22-4		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN2,IN3,I	9
SILVER 110m			INEL	SO		IN14	11
SODIUM	7440-23-5		INEL	SO,GW	X	IN1,IN10,IN15	9
SODIUM 24	13982-04-2		INEL	SO		IN14	11
SODIUM CHLORIDE	7647-14-5		INEL	GW,SO,SD,AR	X	MEPA	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	INEL	SO,SD,AR	X	MEPA	9
SODIUM PHOSPHATE, TRIBASIC	7601-54-9	TRISODIUM PHOSPHATE	INEL		X		9

STRONTIUM 89	14158-27-1		INEL	SO,SD,AR,SW		MEPA,IN5,IN14	11
STRONTIUM 90	10098-97-2		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN3,IN4,I	11
STRONTIUM 91	14331-91-0		INEL	SO		IN14	11
STRONTIUM 92	14928-29-1		INEL	SO		IN14	11
SULFATE	12808-79-8	SULFATE ION	INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN5	10
SULFIDE	18496-25-8		INEL	SD		IN14	10
SULFURIC ACID	7664-93-9		INEL	SO,SD,AR	X	MEPA	10
TANTALUM 182	13982-00-8		INEL	SO		IN14	11
TECHNECIUM 99	14133-76-7		INEL	GW,SO,AR		MEPA,IN14	11
TELLURIUM 129	14269-71-7		INEL	SO		IN14	11
TELLURIUM 132	14234-28-7		INEL	SO		IN14	11
TERBIUM 160	13981-29-8		INEL	SO		IN14	11
TETRACHLORODIBENZO-p-DIOXIN, 2,3,7,8-	1746-01-6	2,3,7,8TCDD DIOXIN	INEL	GW,SO,SD,AR		MEPA	3
TETRACHLOROETHANE			INEL	SO,AR		IN1,IN3,IN15	2
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	INEL	GW		IN3,IN15	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	INEL	GW,SO,SD,AR		MEPA,IN1,IN2,IN3,I	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	INEL	GW,SO,SD,AR		MEPA,IN1,IN2,IN3,I	2
TETRADECANOIC ACID	544-63-8	MYRISTIC ACID	INEL	GW		IN6	7
TETRADECANOIC ACID ISOMERS			INEL	GW		IN6	7
TETRADECYNOIC ACID			INEL	GW		IN6	7
TETRADECYNOIC ACID METHYL ESTER			INEL	GW		IN6	7
TETRAHYDROFURAN	109-99-9	DIETHYLENE OXIDE	INEL	GW		IN2	7
TETRAMETHYLBENZENE			INEL	GW		IN6	5
TETRAMETHYLHEXADECA'TRIENOL			INEL	GW		IN6	7
TETRATETRACONTANE	7098-22-8		INEL	GW		IN6	8
THALLIUM	7440-28-0		INEL	GW		IN1,IN3,IN15	9
THALLIUM 207	14133-67-6		INEL	SO		IN3	11
THALLIUM 208	14913-50-9		INEL	SO		IN3	11
THALLIUM 209	15690-73-0		INEL	SO		IN3	11
THALLIUM OXIDE			INEL	SO		IN3	9
THORIUM 227	15623-47-9		INEL	SO		IN3	11
THORIUM 228	14274-82-9		INEL	SW,SO		IN1,IN3	11
THORIUM 229	15595-54-4		INEL	SO		MEPA,IN3	11
THORIUM 230	14268-63-7		INEL	GW,SO,SD,AR		MEPA,IN3	11
THORIUM 231	14932-40-2		INEL	SO		IN3	11
THORIUM 232			INEL	SO		IN3	11
THORIUM 234	15065-10-8		INEL	SO		IN3	11
TIN	7440-31-5		INEL	GW		IN1,IN3,IN15	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	INEL	GW,SO,SD,AR		MEPA,IN1,IN2,IN3,I	5
TRIACONTANOIC ACID	506-50-3		INEL	GW		IN6	7
TRIBROMOMETHANE	75-25-2	BROMOFORM	INEL	GW		IN2	2
TRIBUTYL PHOSPHATE	126-73-8	CELLUPHOS 4	INEL	SO		IN1,IN4	7
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	INEL	GW,SO,SD,AR	X	MEPA,IN1,IN2,IN3,I	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	INEL	GW,SO,SD,AR		MEPA,IN1,IN2,IN3,I	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	INEL	GW,SO,AR	X	MEPA,IN1,IN2,IN3,I	2
TRICHLOROTRIFLUOROETHANE			INEL	AR		IN1,IN3,IN15	2

9713508.0029

TRICHLOROTRIFLUOROETHANE, 1,1,2-			INEL	AR		IN1,IN3,IN15	2
TRIDECADIENE			INEL	GW		IN6	8
TRIDECANOIC ACID	638-53-9		INEL	GW		IN6	7
TRIDECYNOIC ACID			INEL	GW		IN6	7
TRIMETHYLBENZENE	25551-13-7		INEL	GW,SO,SD,AR		MEPA	5
TRIMETHYLCYCLOBUTANONE			INEL	GW		IN6	7
TRIMETHYLCYCLOPENTANE	30498-64-7		INEL	GW		IN6	8
TRIMETHYLCYCLOPENTANE ISOMERS	30498-64-7		INEL	GW		IN6	8
TRIMETHYLDODECATRIENOL			INEL	GW		IN6	7
TRIMETHYLPENTANE			INEL	GW		IN6	8
TRIMETHYLTETRACONTANE			INEL	GW		IN6	8
TUNGSTEN 187	14983-48-3		INEL	SO		IN14	11
UNDECANOIC ACID	112-37-8		INEL	GW		IN6	7
UNDECANOIC ACID ISOMERS			INEL	GW		IN6	7
UNDECANOIC ACID METHYL ESTER	28691-27-2		INEL	GW		IN6	7
URANIUM	7440-61-1		INEL	GW,SO,AR,SW		MEPA,IN5	9
URANIUM 232	14158-29-3		INEL	SD		IN14	11
URANIUM 233	13968-55-3		INEL	GW,SO,SD,AR		MEPA,IN1,IN3,IN15	11
URANIUM 234	13966-29-5		INEL	GW,SO,SD,AR,SW		MEPA,IN1,IN3,IN10	11
URANIUM 235	15117-96-1		INEL	GW,SO,SD,AR		MEPA,IN1,IN3,IN15	11
URANIUM 236	13982-70-2		INEL	SO,SD,AR		MEPA,IN3	11
URANIUM 237	14269-75-1		INEL	SO		IN3	11
URANIUM 238	24678-82-8		INEL	GW,SO,SD,AR		MEPA,IN1,IN3,IN10	11
XENON 133	14932-42-4		INEL	SO		IN14	11
XENON 135	14995-62-1		INEL	SO		IN14	11
XYLENE	1330-20-7	DIMETHYL BENZENE	INEL	GW,SO,SD,AR		MEPA	5
YTTRIUM 90	10098-91-6		INEL	GW,SO,SD,AR		MEPA,IN14	11
YTTRIUM 91m			INEL	SO		IN14	11
YTTRIUM 92	15751-59-4		INEL	SO		IN14	11
YTTRIUM 93	14981-70-5		INEL	SO		IN14	11
YTTRIUM 97	15700-12-6		INEL	SO		IN14	11
ZINC	7440-66-6		INEL	GW,SD		IN1,IN2,IN3,IN14	9
ZINC 65	13982-39-3		INEL	SO		IN14	11
ZINC BROMIDE	7699-45-8		INEL		X		9
ZINC COMPOUNDS	7646-85-7		INEL	GW,SO,SD,AR		MEPA	9
ZIRCONIUM	7440-67-7		INEL	GW,SO,AR		MEPA,IN1,IN3,IN4	9
ZIRCONIUM 95	13967-71-0		INEL	SO		IN14	11
ZIRCONIUM 97	14928-30-4		INEL	SO		IN14	11

INHALATION TOXICOLOGY RESEARCH INSTITUTE AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
FUEL OIL #2	68476-34-6		ITRI		X	MSDS	8
HYDROFLUORIC ACID	7664-39-3	HYDROGEN FLUORIDE	ITRI		X	MSDS	10
KEROSENE	8008-20-6		ITRI		X	MSDS	8

97 3508.0030

KANSAS CITY PLANT AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	KCP	GW,SO		K3,KCP2,KCP4,KC	7
ACROLEIN	107-02-8	ACRYLIC ALDEHYDE	KCP	GW		KCP5	7
ACRYLONITRILE	107-13-1	VINYL CYANIDE	KCP	GW		KCP5	7
ALUMINUM	7429-90-5		KCP	SW		K1,KCP4	9
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	KCP	SW		K1	10
ANTHRACENE	120-12-7	PARANAPHTHALENE	KCP	SO		K2	6
AROCLOR 1016 (PCB)	12674-11-2		KCP	SO,SW		K3	1
AROCLOR 1232 (PCB)	11141-16-5		KCP	SO,GW		K3	1
AROCLOR 1242 (PCB)	53469-21-9		KCP	SO		K2,K3,MEPA	1
AROCLOR 1248 (PCB)	12672-20-6	CHLORODIPHENYL	KCP	SO		K2,K3	1
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	KCP	SW,SO,GW		K2,K3,KCP1	1
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	KCP	SO		K2,K3	1
ARSENIC	7440-38-2		KCP	AR,SW,SO,GW,SD		K1,K3,KCP3,KCP4,	9
BARIUM	7440-39-3		KCP	SW		K1,KCP4	9
BENZENE	71-43-2	ANNULENE	KCP	GW,SO,TW		KCP2,KCP3,KCP4,	5
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	KCP	SD,SO		K2,KCP3	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	KCP	SO,SD		K2,KCP3	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	KCP	SD		KCP3	6
BENZO[g,h,i]PERYLENE	191-24-2	1,12 BENZOPERYLENE	KCP	SD		KCP3	6
BENZO[k]FLUORANTHENE	207-08-9	DIBENZO[b,j,k]FLUORENE	KCP	SO,SD		K2,KCP3	6
BERYLLIUM	7440-41-7		KCP	SD,SW		KCP3,KCP4	9
BORON	7440-42-8		KCP	SW		K1,KCP4	10
BROMOBENZENE	108-86-1		KCP	GW		KCP5	2
BROMOCHLOROMETHANE	74-97-5		KCP	GW		KCP5	2
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	KCP	GW		KCP5	2
BROMOFLUOROBENZENE			KCP	SO		KCP1	1
BROMOMETHANE	74-83-9	METHYL BROMIDE	KCP	GW		KCP5	2
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	KCP	GW,SO		KCP2,KCP4,KCP5,	7
BUTYLBENZENE, n-	104-51-8		KCP	GW		KCP5	5
BUTYLBENZENE, sec-	135-98-8		KCP	GW		KCP5	5
BUTYLBENZENE, tert-	98-06-6		KCP	GW		KCP5	5
CADMIUM	7440-43-9		KCP	SO,GW,SW,SD		K3,KCP3,KCP4,KC	9
CALCIUM HYDROXIDE	1805-62-0	SLAKED LIME	KCP	SD		KCP1	9
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	KCP	GW		KCP4,KCP5	10
CARBON MONOXIDE	630-08-0		KCP	AR		K1	10
CHLORIDE	16887-00-6		KCP	SW		K1	10
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	KCP	GW,SO,SW,TW		K1,K3,KCP2,KCP4,	1
CHLORODIBROMOMETHANE	124-48-1		KCP	GW		KCP5	2
CHLOROETHANE	75-00-3	ETHYL CHLORIDE	KCP	TW,GW		KCP2,KCP5	2
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	KCP	SO,SW,TW,GW		K1,K3,KCP3,KCP4,	2
CHLOROETHYLVINYL ETHER, 2-	110-75-8		KCP	GW		KCP5	2
CHLOROMETHANE	74-87-3	METHYL CHLORIDE	KCP	GW		KCP5	2
CHLOROTOLUENE, 2-	95-49-8		KCP	GW		KCP5	1
CHLOROTOLUENE, 4-	106-43-4		KCP	GW		KCP5	1

CHROMIUM	7440-47-3		KCP	SO,SW,SD		K1,K3,KCP3,KCP4,	9
CHROMIUM (IV)	15723-28-1		KCP	SW		K1,MEPA	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	KCP	SO,SD		K2,KCP3	6
COPPER	7440-50-8		KCP	SW,SO		K1,K3,KCP3,KCP4,	9
CYANIDE	57-12-5		KCP	SW,SD,SO		K1,KCO3,KCP4,ME	10
DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	KCP	SD		KCP3	7
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	NEMAGON	KCP	GW		KCP5	2
DIBROMOETHANE, 1,2-	106-93-4		KCP	GW		KCP5	2
DIBROMOMETHANE	74-95-3		KCP	GW		KCP5	2
DICHLOROBENZENE, 1,2-	95-50-1	DOWTHERM E	KCP	GW		KCP5	1
DICHLOROBENZENE, 1,3-	541-73-1		KCP	GW		KCP5	1
DICHLOROBENZENE, 1,4-	106-46-7	PARACIDE, PDB	KCP	GW		KCP5	1
DICHLORODIFLUOROMETHANE	75-71-8	FREON 12	KCP	GW		KCP5	2
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	KCP	GW,SO,SW,TW		KCP2,KCP4,KCP5,	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	KCP	SO,GW		KCP1,KCP2,KCP4,	2
DICHLOROETHYLENE	72-55-9	DDE	KCP	SO		ERIS	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	KCP	GW,SO,TW		KCP2,KCP4,KCP5,	2
DICHLOROETHYLENE, 1,2-	540-59-0		KCP	SO,GW		KCP1,KCP2,KCP4,	2
DICHLOROETHYLENE, 1,2-cis-	156-59-2		KCP	SW,GW,SO		KCP4,KCP5	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	KCP	SW,GW,SO,TW		K1,K3,KCP3,KCP5,	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	KCP	SW,GW,SO,AR,TW,SD		K3,KCP2,KCP3,KC	2
DICHLOROPROPANE, 1,2-	78-87-5		KCP	GW		KCP5	2
DICHLOROPROPANE, 1,3-	142-28-9		KCP	GW		KCP5	2
DICHLOROPROPANE, 2,2-	594-20-7		KCP	GW		KCP5	2
DICHLOROPROPENE, 1,1-	563-58-6		KCP	GW		KCP5	2
DICHLOROPROPENE, 1,2, cis-			KCP	SO,GW		KCP2,KCP4	2
DICHLOROPROPENE, 1,3, trans-	10061-01-5		KCP	TW,SO,GW		KCP2,KCP4,KCP5	2
DIESEL FUEL			KCP	SW,SO,TW		ERIS,MEPA	8
DIOXANE, 1,4-	123-91-1	GLYCOL ETHYLENE ETHER	KCP	GW		MEPA	2
ETHYLBENZENE	100-41-4	PHENYLETHANE	KCP	GW,SO,TW		K3,KCP1,KCP2,KC	5
FLUORANTHENE	206-44-0	IDRYL	KCP	SO,SD		K2,KCP3	6
FLUORENE	86-73-7		KCP	SD		KCP3	6
FLUOROTRICHLOROMETHANE	75-69-4	FREON 11	KCP	GW		KCP5	2
FUEL OIL			KCP	TW,AR,SW,SO		K1,K3,KCP2,ERIS	8
FUEL OIL, #6			KCP	SO,AR		K1,MEPA	8
GASOLINE	8006-61-9		KCP	SO,AR		K1,MEPA	8
HEXACHLORO-1,3-BUTADIENE	87-68-3		KCP	GW		KCP5	2
HEXANONE, 2-	591-78-6	METHYL n-BUTYL KETONE	KCP	GW		KCP5	7
HYDROCARBONS			KCP	SO,GW		K1	8
HYDROCARBONS, PETROLEUM			KCP	SO,GW,TW		K3,KCP2,ERIS	8
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	KCP	AR		TCRI	10
HYDROGEN SULFIDE	7783-06-4		KCP	AR		K1	10
INDENO[1,2,3-cd]PYRENE	193-39-5	o-PHENYLPYRENE	KCP	SD		KCP3	6
IRON	7439-89-5		KCP	SW,SO		K1,K3,KCP4	9
ISOPROPYLBENZENE	98-82-8	CUMENE	KCP	GW		KCP5	5
ISOPROPYLTOLUENE, p-	99-87-6	p-CYMENE	KCP	GW		KCP5	5

97135008.0031

JET FUEL			KCP	SO		K3	8
KEROSENE	8008-20-6		KCP	SO		MEPA	8
LEAD	7439-92-1		KCP	SO,SW,AR,SD		K1,K3,KCP3,KCP4,	9
MANGANESE	7439-96-5		KCP	GW,SO,SD		KCP3,KCP5,MEPA	9
MERCURY	7439-97-6		KCP	SO		K3,KCP4	9
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	KCP	SO,GW		KCP2,KCP4,KCP5	7
MINERAL SPIRITS	8030-30-6	BENZINE, PETROLEUM SPIRITS	KCP	GW		MEPA	8
MOTOR OIL			KCP	SW,GW,SO		MEPA	8
NAPHTHALENE	91-20-7	CAMPHOR TAR	KCP	SD,GW		KCP3,KCP5	6
NICKEL	7440-02-0	RANEY ALLOY	KCP	SW,SO,SD		K1,K3,KCP3,KCP4,	9
NITRATE	14797-55-8		KCP	SW		K1	10
NITRIC ACID	7697-37-2		KCP	AR,SW		TCRI,MEPA	10
NITROGEN DIOXIDE	10102-44-0		KCP	AR		K1	10
PENTACHLOROPHENOL	131-52-2	PERMITE, EP30	KCP	SO		MEPA	1
PHENANTHRENE	85-01-8	PHENANTRIN	KCP	SD		KCP3	6
PHENOL	108-95-2	CARBOLIC ACID	KCP	SW		K1,MEPA	7
PHOSPHORUS	7723-14-0		KCP	SW		K1	10
POLYCHLORINATED BIPHENYLS	1336-36-3		KCP	SW,SO,SD,GW		K1,K2,K3,KCP1,KC	1
PROPANOL, 2-	127-00-4	ISOPROPYL ALCOHOL	KCP	GW		MEPA	7
PROPYLBENZENE, n-	103-65-1		KCP	GW		KCP5	5
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	KCP	SO,SD		K2,KCP3	6
SELENIUM	7782-49-2		KCP	SO		KCP5	10
SILVER	7440-22-4		KCP	SW,SO		K1,KCP4,KCP5	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	KCP	SW		MEPA	9
STYRENE	100-42-5	VINYLBENZENE	KCP	SO,GW		KCP2,KCP4	5
SULFATE	12808-79-8	SULFATE ION	KCP	SW		K1	10
SULFUR DIOXIDE	7446-09-5		KCP	AR		K1	10
SULFURIC ACID	7664-93-9		KCP	AR		K1,TCRI	10
TETRACHLOROETHANE			KCP	SO		KCP3	2
TETRACHLOROETHANE, 1,1,1,2-	630-20-6		KCP	GW		KCP5	2
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	KCP	SO,SD,GW		KCP3,KCP5	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	KCP	SW,GW,SO,TW,SD		K3,KCP2,KCP3,KC	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	KCP	SO,GW,SD		K3,KCP3,KCP4,KC	2
THALLIUM	7440-28-0		KCP	SO		KCP5	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	KCP	GW,SO,TW,SD		K3,KCP1,KCP2,KC	5
TRIBROMOMETHANE	75-25-2	BROMOFORM	KCP	GW		KCP5	2
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	KCP	AR,GW		TCRI,MEPA	2
TRICHLOROBENZENE, 1,2,3-	87-61-6		KCP	GW		KCP5	1
TRICHLOROBENZENE, 1,2,4-	120-82-1		KCP	GW		KCP5	1
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	KCP	GW,SO,AR,TW,SD		K3,KCP2,KCP3,KC	2
TRICHLOROETHANE, 1,1,2-	79-00-5	VINYL TRICHLORIDE	KCP	SO,GW		KCP4,KCP5,MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	KCP	SW,GW,SO,AR,TW		K1,K2,K3,KCP1,KC	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	KCP	GW,SO,TW		KCP1,KCP2,KCP4,	2
TRICHLOROMONOFLUOROMETHANE	75-69-4	FREON 11, ARCTON 9	KCP	GW,SO		MEPA	2
TRICHLOROPROPANE, 1,2,3-	96-18-4		KCP	GW		KCP5	2
TRIMETHYLBENZENE	25551-13-7		KCP	SO		MEPA	1

TRIMETHYLBENZENE, 1,2,3-	526-73-8		KCP	GW		KCP5	5
TRIMETHYLBENZENE, 1,3,5-	108-67-8	MESITYLENE	KCP	GW		KCP5	5
VINYL ACETATE	108-05-4	VINYL ETHANOATE	KCP	GW		KCP5	7
XYLENE	1330-20-7	DIMETHYL BENZENE	KCP	GW,SO,TW		KCP1,KCP2,MEPA	5
XYLENE, m-	108-38-3		KCP	GW		KCP5	5
XYLENE, o-	95-47-6		KCP	GW		KCP5	5
XYLENE, p-	106-42-3		KCP	GW		KCP5	5
XYLENES, TOTAL	1330-20-7		KCP	GW		KCP4,KCP5	5
ZINC	7440-66-6		KCP	SW,SO		K1,K3	9
ZINC COMPOUNDS	7646-85-7		KCP	SO,SW,SD		MEPA,KCP3,KCP4,	9

97 3508 0032

LOS ALAMOS NATIONAL LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	LANL	SW,GW,SO,AR		MEPA	7
AMERICIUM 241	7440-35-9		LANL	SW,GW,SO,AR		MEPA	11
ANTHRACENE	120-12-7	PARANAPHTHALENE	LANL	SW,SO,AR		MEPA	6
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	LANL	SW,GW,SO,AR		MEPA	1
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	LANL	SW,GW,SO,AR		MEPA	1
BARIUM	7440-39-3		LANL	SW,GW,SO,AR		MEPA	9
BENZENE	71-43-2	ANNULENE	LANL	SW,GW,SO,AR		MEPA	5
BENZOIC ACID	65-85-0	PHENYL CARBOXYLIC ACID	LANL	SW,SO,AR		MEPA	7
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	LANL	SD,AR		MEPA	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	LANL	SD,AR		MEPA	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	LANL	SW,GW,SO,AR		MEPA	6
BENZO[k]FLUORANTHENE	207-08-9	DIBENZO[b,j,k]FLUORENE	LANL	SW,GW,SD,AR		MEPA	6
BERYLLIUM	7440-41-7		LANL	SW,GW,SO,AR		MEPA	9
BERYLLIUM 7	13966-02-4		LANL	SW,SO		MEPA	11
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	LANL	SW,GW,SO,AR		MEPA	7
CADMIUM	7440-43-9		LANL	SW,GW,SO,AR		MEPA	9
CESIUM 134	13967-70-9		LANL	AR		MEPA	11
CESIUM 137+D			LANL	SW,GW,SO,SD,AR		MEPA	11
CHROMIUM (IV)	15723-28-1		LANL	SW,GW,SO,AR		MEPA	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	LANL	SW,GW,SO,SD,AR		MEPA	6
COBALT 57	13981-50-5		LANL	SW,SO		MEPA	11
COBALT 60	10198-40-0		LANL	SW,SO		MEPA	11
COPPER	7440-50-8		LANL	SW,GW,SO,SD,AR		MEPA	9
CYANIDE	57-12-5		LANL	SW,SO,AR		MEPA	10
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	LANL	SW,GW,SO,AR		MEPA	3
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	LANL	SW,GW,SO,AR		MEPA	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE CHLORIDE	LANL	SW,GW,SO,AR		MEPA	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	LANL	SW,GW,SO,AR		MEPA	2
DIESEL FUEL			LANL	SW,GW,SD,AR		MEPA	8
ETHANOL	64-17-5	ETHYL ALCOHOL	LANL	SW,GW,SO		MEPA	7
FLUORANTHENE	206-44-0	IDRYL	LANL	SW,GW,SO,SD,AR		MEPA	6
FUEL OIL #2	68476-34-6		LANL	SW,GW,SD,AR		MEPA	8
GASOLINE	8006-61-9		LANL	SW,GW,SD,AR		MEPA	8
HYDRAULIC FLUID			LANL	SW,GW,SO		MEPA	8
HYDROGEN 3	10028-17-8	TRITIUM	LANL	SW,GW,SO,SD,AR		MEPA	11
INDENO[1,2,3-c,d]PYRENE	193-39-5	o-PHENYLPYRENE	LANL	SD,AR		MEPA	6
KEROSENE	8008-20-6		LANL	SW,GW,SD,AR		MEPA	8
LEAD	7439-92-1		LANL	SW,GW,SO,SD,AR		MEPA	9
MAGNESIUM	7439-95-4		LANL	SW,SO		MEPA	9
MANGANESE 54	13966-31-9		LANL	SW,SO		MEPA	11
METHANOL	67-56-1	METHYL ALCOHOL	LANL	SW,GW		MEPA	7
MOTOR OIL			LANL	SW,GW,SD,AR		MEPA	8
NAPHTHALENE	91-20-3	CAMPHOR TAR	LANL	SW,GW,SO,AR		MEPA	6
NEPTUNIUM 237	13994-20-2		LANL	SW,GW,SO,AR		MEPA	11

NICKEL	7440-02-0	RANEY ALLOY	LANL	SW,GW,SD,AR		MEPA	9
NITRIC ACID	7697-37-2		LANL	AR		TCRI	10
OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE,	57-74-9	CHLORDANE	LANL	SW,SO,AR		MEPA	3
PENTACHLOROPHENOL	131-52-2	PERMITE, EP30	LANL	SW,SO,AR		MEPA	1
PHENANTHRENE	85-01-8	PHENANTRIN	LANL	SW,GW,SO,SD,AR		MEPA	6
PHENOL	108-95-2	CARBOLIC ACID	LANL	SW,GW,SO,AR		MEPA	7
PLUTONIUM 238	13981-16-3		LANL	SW,GW,SO,AR		MEPA	11
PLUTONIUM 239	15117-48-3		LANL	SW,GW,SO,AR		MEPA	11
POLYCHLORINATED BIPHENYLS	1336-36-3		LANL	SW,GW,SO,SD,AR,TW		ERIS,MEPA	1
PROTACTINIUM 233	13981-14-1		LANL	SW,GW,SO,AR		MEPA	11
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	LANL	SW,GW,SO,SD,AR		MEPA	6
SILVER	7440-22-4		LANL	SD,AR		MEPA	9
SODIUM 22	13966-32-0		LANL	SW,SO		MEPA	11
STRONTIUM 90	10098-97-2		LANL	SW,GW,SO,SD,AR		MEPA	11
TECHNECIUM 99	14133-76-7		LANL	SW,SO		MEPA	11
THORIUM 230	14268-63-7		LANL	SW,GW,SO,AR		MEPA	11
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	LANL	SW,GW,SO,AR		MEPA	5
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	LANL	SW,GW,SO		MEPA	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	LANL	SW,GW,SO,AR		MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	LANL	SW,GW,SO		MEPA	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	LANL	SW,GW,SO		MEPA	2
TRICHLOROMONOFLUOROMETHANE	75-69-4	FREON 11, ARCTON 9	LANL	SW,GW		MEPA	2
URANIUM	7440-61-1		LANL	SW,GW,SO,SD,AR		MEPA	9
URANIUM 233	13968-55-3		LANL	SW,GW,SO,AR		MEPA	11
URANIUM 234	13966-29-5		LANL	SW,GW,SO,AR		MEPA	11
URANIUM 235	15117-96-1		LANL	SW,GW,SO,SD,AR		MEPA	11
URANIUM 238	24678-82-8		LANL	SW,GW,SO,AR		MEPA	11
YTTRIUM 90	10098-91-6		LANL	SW,GW,SO,SD,AR		MEPA	11
ZINC 65	13982-39-3		LANL	SW,SO		MEPA	11
ZINC COMPOUNDS	7646-85-7		LANL	SW,GW,SO,SD,AR		MEPA	9

9713508.0033

LAWRENCE BERKELEY LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	LBL	SW,GW,SO		MEPA	1
BARIUM	7440-39-3		LBL	SW,GW,SO		MEPA	9
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	LBL	SW,GW,SO		MEPA	6
BERYLLIUM	7440-41-7		LBL	SW		MEPA	9
CADMIUM	7440-43-9		LBL	SW,GW		MEPA	9
CHROMIUM (IV)	15723-28-1		LBL	SW,GW,SO		MEPA	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	LBL	SW,GW,SO		MEPA	6
COPPER	7440-50-8		LBL	SW,GW		MEPA	9
CYANIDE	57-12-5		LBL	SW,GW		MEPA	10
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	LBL	SW		MEPA	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	LBL	SW		MEPA	2
DIESEL FUEL			LBL	SW,GW		MEPA	8
HEXACHLORO-6,7-EPOXY-5,6,7,8,9,10,11,11-OCTAHYDRO-1,4-en	72-20-8	ENDRIN	LBL	SW,GW,SO		MEPA	3
LEAD	7439-92-1		LBL	SW,GW,SO		MEPA	9
MERCURY	7439-97-6		LBL	SW,GW,SO		MEPA	9
MOTOR OIL			LBL	SW,GW		MEPA	8
NICKEL	7440-02-0	RANEY ALLOY	LBL	SW,GW,SO		MEPA	9
PHENOL	108-95-2	CARBOLIC ACID	LBL	SW,GW,SO		MEPA	7
POLYCHLORINATED BIPHENYLS	1336-36-3		LBL	SW,GW		MEPA	1
SILVER	7440-22-4		LBL	SW,GW,SO		MEPA	9
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	LBL	SW,GW		MEPA	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	LBL	SW,GW		MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	LBL	SW		MEPA	2
ZINC COMPOUNDS	7646-85-7		LBL	SW,GW		MEPA	9

LABORATORY FOR ENVIRONMENTAL & HEALTH RESEARCH AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
AMERICIUM 241	7440-35-9		LEHR	GW,SO		MEPA	11
CARBON 14	14762-75-5		LEHR	SW,GW,SO,AR		MEPA	11
CESIUM 137+D			LEHR	SO		MEPA	11
CHROMIUM (IV)	15723-28-1		LEHR	SW,GW,SO,AR		MEPA	9
COBALT 60	10198-40-0		LEHR	SO		MEPA	11
DICHLOROBENZENE, 1,2-	95-50-1	DOWTHERM E	LEHR	SW,GW,SO,AR		MEPA	1
DICHLOROBENZENE, 1,4-	106-46-7	PARACIDE, PDB	LEHR	SW,GW,SO,AR		MEPA	1
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	LEHR	SW,GW,SO,AR		MEPA	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	LEHR	SW,GW,SO,AR		MEPA	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	LEHR	SW,GW,SO,AR		MEPA	2
HYDROGEN 3	10028-17-8	TRITIUM	LEHR	SW,GW,SO,AR		MEPA	11
LEAD	7439-92-1		LEHR	SW,GW,SO,AR		MEPA	9
LEAD 210	14255-04-0		LEHR	GW,SO		MEPA	11
NEPTUNIUM 237	13994-20-2		LEHR	GW,SO		MEPA	11
NITRATE	14797-55-8		LEHR	SW,GW,SO,AR		MEPA	10
OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE,	57-74-9	CHLORDANE	LEHR	SW,GW,SO,AR		MEPA	3
PLUTONIUM 241	14119-32-6		LEHR	GW,SO		MEPA	11
POLONIUM 210	13981-52-8		LEHR	GW,SO		MEPA	11
PROTACTINIUM 233	13981-14-1		LEHR	GW,SO		MEPA	11
RADIUM 226	13982-63-3		LEHR	GW,SO		MEPA	11
SODIUM 22	13966-32-0		LEHR	SO		MEPA	11
STRONTIUM 90	10098-97-2		LEHR	GW,SO		MEPA	11
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	LEHR	SW,GW,SO,AR		MEPA	2
URANIUM 233	13968-55-3		LEHR	GW,SO		MEPA	11
URANIUM 238	24678-82-8		LEHR	SW,GW,SO,AR		MEPA	11
YTTRIUM 90	10098-91-6		LEHR	GW,SO		MEPA	11

97150B.0034

LAWRENCE LIVERMORE NATIONAL LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACENAPHTHENE	83-32-9	ACENAPHTHYLENE	LLNL	GW,SO		MEPA	6
ACETONE	67-64-1	DIMETHYL KETONE	LLNL	GW		MEPA	7
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	LLNL	GW,SO,AR		MEPA	10
ANTIMONY 125	14234-35-6		LLNL	AR		L4	11
ARSENIC	7440-38-2		LLNL	SO,GW		L1,L4,L6,LA4	9
BARIUM	7440-39-3		LLNL	SW,GW,SO,SD,AR		MEPA,L4,L6,LA4	9
BENZENE	71-43-2	ANNULENE	LLNL	SW,GW,SO,SD,AR		MEPA,L1,L3,L4,L7	5
BERYLLIUM	7440-41-7		LLNL	GW,SO,AR		MEPA,L1,L6	9
BERYLLIUM 7	13966-02-4		LLNL	AR		L4	11
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	LLNL	SW,GW,SO,SD,AR		MEPA	7
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	LLNL	GW		MEPA,L3	7
CADMIUM	7440-43-9		LLNL	SW,GW,SO,SD,AR		MEPA,L1	9
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	LLNL	GW		L1	10
CESIUM 137+D			LLNL	SW,GW,SO,SD,AR		MEPA,L1,L4	11
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	LLNL	GW		MEPA	2
CHROMIUM (III)	16065-83-1		LLNL	SW,GW,SO,SD,AR		MEPA,L1,L5,L6	9
CHROMIUM (IV)	15723-28-1		LLNL	GW,SO,AR		MEPA	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	LLNL	SW,GW,SO,SD,AR		MEPA	6
COBALT	7440-48-4		LLNL	SW,GW,SO,SD,AR		MEPA,L6	9
COBALT 60	10198-40-0		LLNL	AR		L4	11
DICHLOROETHANE, 1,1-	75-34-3	ETHYLIDENE CHLORIDE	LLNL	GW,SO,AR		MEPA,L3,L5,L6,L7	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	LLNL	GW		MEPA,L1,L3,L4,L5,	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	LLNL	GW,SO,AR		MEPA,L1,L3,L4,L5,	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	LLNL	GW,SO,AR		MEPA,L1,L3,L4,L6,	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	LLNL	GW		MEPA,L1,L3,L4	2
FLUORANTHENE	206-44-0	IDRYL	LLNL	GW,SO		MEPA	6
FUEL OIL #2	68476-34-6		LLNL	SW,GW,SO,SD,AR		MEPA	8
HEXACHLOROBENZENE	118-74-1		LLNL	GW		MEPA	1
HEXAHYDRO-1,3,5-TRINITRO s-TRIAZINE	121-82-4	RDX	LLNL	GW,SW		L1,L4,LA2,LA3	4
HEXANONE, 2-	591-78-6	METHYL n-BUTYL KETONE	LLNL	GW		L1	7
HYDROGEN 3	10028-17-8	TRITIUM	LLNL	SW,GW,SO,SD,AR		MEPA,L1,L4	11
LEAD	7439-92-1		LLNL	GW,SO,AR		MEPA,L1,L4,L5,L6	9
MERCURY	7439-97-6		LLNL	GW,SO,AR		MEPA,L1	9
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	LLNL	SW,GW,SO,SD,AR		MEPA	7
MOTOR OIL			LLNL	SW,GW,SO,SD,AR		MEPA	8
NICKEL	7440-02-0	RANEY ALLOY	LLNL	GW,SO,AR		MEPA,L6	9
OCTAHYDRO-1,3,5,7-TETRANITRO 1,3,5,7-TETRAZOCINE	2691-41-0	HMX	LLNL	SW		L4,LA2,LA3	4
PHENANTHRENE	85-01-8	PHENANTRIN	LLNL	GW,SO		MEPA	6
PLUTONIUM 239	15117-48-3		LLNL	GW,SO,AR		MEPA,L1,L4	11
POLYCHLORINATED BIPHENYLS	1336-36-3		LLNL	GW,SO,AR		MEPA	1
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	LLNL	SW,GW,SO,SD,AR		MEPA	6
RADIUM 226	13982-63-3		LLNL	GW		L1,LA4	11
SELENIUM	7782-49-2		LLNL	SW,GW,SO,SD,AR		MEPA,L4	10
SILVER	7440-22-4		LLNL	GW,SO		MEPA	9

TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	LLNL	GW,SO,AR		MEPA,L1,L3,L4,L5,	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	LLNL	GW,SO,AR		MEPA,L3,L5,L7	2
THORIUM 230	14268-63-7		LLNL	GW		MEPA	11
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	LLNL	SW,GW,SO,SD,AR		MEPA,L1,L4,L7	5
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	LLNL	GW		MEPA,L1,L3,L4	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	LLNL	SW,GW,SO,SD,AR		MEPA,L1,L3,L4,L6,	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	LLNL	GW,SO,AR		MEPA,L1,L3,L4,L5,	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	LLNL	GW,SO,AR		MEPA,L1,L3,L5,L6,	2
TRINITROTOLUENE, 2,4,6-	118-96-7	TNT	LLNL	SW		L4,LA2,LA3	4
URANIUM	7440-61-1		LLNL	GW,SO		MEPA	9
URANIUM 234	13966-29-5		LLNL	GW		MEPA,LA4	11
URANIUM 235	15117-96-1		LLNL	GW,SO,AR		MEPA,L1,L4	11
URANIUM 238	24678-82-8		LLNL	GW,AR		MEPA,L1,LA4	11
VANADIUM	7440-62-2		LLNL	SW,GW,SO,SD,AR		MEPA,L4,L6	9
XYLENE	1330-20-7	DIMETHYL BENZENE	LLNL	GW,SO,AR		MEPA,L7	5
ZINC COMPOUNDS	7646-85-7		LLNL	SW,GW,SO,SD,AR		MEPA,L4,L6	9

97 1 3508.0035

MOUND PLANT

AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	MP	GW,SO,AR	X	M1,MA1,MEPA	7
ACTINIUM 227	14952-40-0		MP	GW,SO		M1,M2,MA1,MEPA,	11
ALUMINUM	7429-90-5		MP	SO		MA1	9
AROCLOR 1242 (PCB)	53469-21-9		MP	GW		MEPA	1
BARIUM	7440-39-3		MP	GW,SO,SD,AR		MEPA	9
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	MP	GW,SO,SD,AR		MEPA	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	MP	GW,SO,AR		MEPA	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	MP	GW,SO,AR		MEPA	6
BERYLLIUM	7440-41-7		MP	GW,SO,SD		MEPA	9
BISMUTH 207	13982-38-2		MP	SO		M2,ERIS	11
BISMUTH 210	14331-79-4		MP	SO		M2,ERIS	11
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	MP	GW,SO,SD		MEPA	7
CADMIUM	7440-43-9		MP	GW,SO,SD,AR,SW	X	M1,MA2,MEPA	9
CESIUM 137	10045-97-3		MP	SO	X	M2,MA1,MA2,ERIS	11
CESIUM 137+D			MP	GW,SO		MEPA	11
CHLORINATED FLUOROCARBONS			MP	AR	X	M1	2
CHLORINE	7782-50-5		MP	SW		MA2	10
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	MP	SO,SW,GW		MA1,ERIS	2
CHROMIC ACID	7738-87-3		MP		X	M1	9
CHROMIUM	7440-47-3		MP	SO,SW		M1,MA1,MA2	9
CHROMIUM (IV)	15723-28-1		MP	GW,SO,SD,AR		MEPA	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	MP	GW,SO,SD,AR		MEPA	6
COBALT 60	10198-40-0		MP	GW,SO,TW	X	M1,M2,MA1,MEPA,	11
COPPER	7440-50-8		MP	SW		MA2	9
COPPER CYANIDE	544-92-3		MP		X	M1	9
CYANIDE	57-12-5		MP	SW		MA2	10
DICHLOROBENZIDINE, 3,3'-	91-94-1	4,4- DIAMINE	MP	SO,SD		MEPA	1
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	MP	SO,SD		MEPA	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	MP	SO,SW,GW		MA1,ERIS,MEPA	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	MP	AR	X	M1,MEPA	2
DIMETHYLPHENOL, 2,4-	105-67-9	2,4 XYLENOL	MP	GW		MEPA	7
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL,ANTIFREE	MP	SO,SW		MA1	7
ETHANOL	64-17-5	ETHYL ALCOHOL	MP	AR,SO	X	M1,MA1	7
FLUORANTHENE	206-44-0	IDRYL	MP	GW,SO,SD,AR		MEPA	6
FREON			MP	SO		MA1	2
FUEL OIL #2	68476-34-6		MP	AR,SO	X	M1,MA1	8
GASOLINE	8006-61-9		MP	SO		MA1	8
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	MP	AR		MA1	10
HYDROGEN 3	10028-17-8	TRITIUM	MP	SO,SD,GW,SW,AR	X	M1,M2,MA1,MA2,E	11
IRON	7439-89-6		MP	GW		MA1	9
ISOPROPANOL	67-63-0	RUBBING ALCOHOL	MP	AR	X	M1	7
JET FUEL			MP	GW		MEPA	8
LEAD	7439-92-1		MP	GW,SO,SD,AR		MEPA	9
LITHIUM	7439-93-2		MP	SW,SO		M1,MA1,ERIS	9

MANGANESE	7439-96-5		MP	GW		MA1	9
METHANOL	67-56-1	METHYL ALCOHOL	MP	AR,SO	X	M1,MA1	7
METHYLNAPHTHALENE, 2-	91-57-6	METHYLNAPHTALEN	MP	GW		MEPA	6
NAPHTHALENE	91-20-3	CAMPHOR TAR	MP	GW		MEPA	6
NICKEL	7440-02-0	RANEY ALLOY	MP	SW		MA2	9
NICKEL CHLORIDE	7118-54-9		MP		X	M1	9
OIL			MP	GW,SO,SW	X	MA1,MA2,ERIS	8
PERCHLORATE			MP	SO		MA1	10
PHENANTHRENE	85-01-8	PHENANTRIN	MP	GW,SO,AR		MEPA	6
PHENOL	108-95-2	CARBOLIC ACID	MP	GW		MEPA	7
PLUTONIUM	7440-07-5		MP	SO,SD,GW,SW,AR		M2,MA2	9
PLUTONIUM 238	13981-16-3		MP	GW,SO,SW,AR,SD	X	M1,M2,MA1,MA2,E	11
PLUTONIUM 239	15117-48-3		MP	AR,SO		M2,MA2	11
PLUTONIUM 240	14119-32-5		MP	SW,AR,SO		M2,MA2	11
POLOMIUM 210	13981-52-8		MP	TW,SO		M1,M2	11
POLYCHLORINATED BIPHENYLS	1336-36-3		MP		X	M1	1
POTASSIUM	7447-40-7		MP	SO		MA1	9
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	MP	GW,SO,SD,AR		MEPA	6
RADIUM	7440-14-4		MP	SO		M2,ERIS	9
RADIUM 223	15623-45-7		MP	GW,SO		MEPA	11
RADIUM 226	13982-63-3		MP	SO		M2,M1,ERIS	11
RADON 222	14859-67-7		MP	SO		MA1	11
SELENIUM	7782-49-2		MP	GW,SO,AR		MEPA	10
SILVER	7440-22-4		MP	GW,SO,AR		MEPA	9
SODIUM BISULFIDE			MP	SO		M1	9
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	MP	SO,SD,SW,AR,GW		MA1,ERIS,MEPA	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	MP	SO		MEPA	2
THORIUM	7440-29-1		MP	SO	X	M2,MA1,ERIS	9
THORIUM 227	15623-47-9		MP	GW,SO	X	M2,MEPA	11
THORIUM 228	14274-82-9		MP	SO	X	M1,M2	11
THORIUM 230	14268-63-7		MP	SO	X	M2	11
THORIUM 232			MP	GW,SO	X	M1,M2,ERIS,MEPA	11
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	MP	AR		MEPA	5
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	MP	AR		MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	MP	GW,SO,SD,AR,SW	X	M1,ERIS,MEPA,MA	2
TRIMETHYLBENZENE	25551-13-7		MP		X	MA1	5
URANIUM	7440-61-1		MP	SW,AR,GW		MA2	9
URANIUM 233	13968-55-3		MP	SW,GW		M1,MA2	11
URANIUM 234	13966-29-5		MP	GW,SO,SW,AR		M1,MA2,MEPA	11
URANIUM 238	24678-82-8		MP	SW,AR,GW		M1,MA2	11
ZINC CHROMATE	13530-65-9		MP	SW		MA1	9

9/3508.0036

NEVADA TEST SITE AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	NTS	GW,SO		MEPA	7
ALUMINUM	7429-90-5		NTS	GW		NTS1	9
AMERICIUM 241	7440-35-9		NTS	SO,GW		NTS1,NTS5,NTS6,	11
ANTIMONY 125	14234-35-6		NTS	GW,SO		NTS1,NTS6,MEPA	11
ARSENIC	7440-38-2		NTS	GW,SO		MEPA	9
ASBESTOS	332-21-4		NTS	SO		NTS4	10
BARIUM	7440-39-3		NTS	GW,SO		NTS7	9
BARIUM 133	13981-41-4		NTS	SO		NTS7	11
BERYLLIUM	7440-41-7		NTS	SO		NTS4,MEPA	9
BORON	7440-42-8		NTS	GW		NTS1	10
CADMIUM	7440-43-9		NTS	GW		NTS1	9
CALCIUM	7440-70-2		NTS	GW		NTS1,NTS6,NTS7	9
CARBONATE			NTS	GW		NTS1	10
CERIUM 144	14762-78-8		NTS	GW,SO		NTS1,NTS6	11
CESIUM 134	13967-70-9		NTS	GW,SO		NTS1,NTS6	11
CESIUM 137+D			NTS	GW,SO		NTS1,NTS5,NTS6,	11
CHLORIDE	16887-00-6		NTS	GW		NTS1,NTS6	10
CHLORINE 36	13981-43-6		NTS	GW		NTS3,NTS7,NTS8	11
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	NTS	GW,SO		MEPA	1
CHROMIUM	7440-47-3		NTS	SO		NTS4	9
COBALT 60	10198-40-0		NTS	GW,SO		NTS1,NTS5,NTS6,	11
COPPER	7440-50-8		NTS	GW		NTS1	9
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	NTS	GW,SO		MEPA	2
DIESEL FUEL			NTS	SO,AR		MEPA	8
EUROPIUM 152	14683-23-9		NTS	SO,GW		NTS1,NTS5,NTS6,	11
EUROPIUM 154	15585-10-1		NTS	SO,GW		NTS1,NTS5,NTS6,	11
EUROPIUM 155	14391-16-3		NTS	GW,SO		NTS1,NTS5,NTS6,	11
FLUORIDE	7782-41-4		NTS	GW		NTS1,NTS6	10
GASOLINE	8006-61-9		NTS	SO,AR		MEPA	8
HELIUM 3	14762-55-1		NTS	GW		NTS7	11
HYDROGEN 3	10028-17-8	TRITIUM	NTS	GW,SO,AR		NTS1,NTS2,NTS3,	11
IODINE 129	15046-84-1		NTS	GW		NTS3,NTS7,NTS8	11
IRON	7439-89-6		NTS	GW,SO,AR		NTS1,NTS7,MEPA	9
KEROSENE	8008-20-6		NTS	GW,SO,AR		NTS4,MEPA	8
KRYPTON 85	13983-27-2		NTS	GW,SO,AR		NTS1,NTS2,NTS3,	11
LEAD	7439-92-1		NTS	GW,SO,AR		NTS1,NTS4,MEPA	9
LITHIUM	7439-93-2		NTS	GW		NTS1,NTS6,NTS7	9
MAGNESIUM	7439-95-4		NTS	GW		NTS1,NTS6,NTS7	9
MANGANESE	7439-96-5		NTS	GW		NTS1,NTS7	9
MANGANESE 54	13966-31-9		NTS	SO		NTS6	11
MINERAL SPIRITS	8030-30-6	BENZINE, PETROLEUM SPIRITS	NTS	GW,SO		MEPA	8
MOLYBDENUM	7439-98-7		NTS	GW		NTS1	9
MOTOR OIL			NTS	GW,SO,AR		MEPA	8
NEPTUNIUM 237	13994-20-2		NTS	SO		MEPA*	11

NICKEL	7440-02-0	RANEY ALLOY	NTS	GW		NTS1	9
NITRATE	14797-55-8		NTS	GW		NTS1	10
PHOSPHORUS	7723-14-0		NTS	GW		NTS1	10
PLUTONIUM	7440-07-5		NTS	SO		NTS4	9
PLUTONIUM 238	13981-16-3		NTS	SO,AR,SW		NTS2,MEPA	11
PLUTONIUM 239	15117-48-3		NTS	SO,GW,AR,SW		NTS1,NTS2,NTS5,	11
PLUTONIUM 240	14119-32-5		NTS	GW,SO		NTS1,NTS5	11
POTASSIUM	7447-40-7		NTS	GW		NTS1,NTS6,NTS7	9
POTASSIUM 40	13966-00-2		NTS	GW		NTS1	11
PROMETHIUM 147	7440-12-2		NTS	SO		NTS6	11
PROTACTINIUM 233	13981-14-1		NTS	SO		MEPA	11
RHODIUM	7440-16-6		NTS	SO		NTS5	9
RUTHENIUM 106	13967-48-1		NTS	GW,SO		NTS1,NTS3,NTS6,	11
SAMARIUM 151	15705-94-3		NTS	GW,SO		MEPA	11
SELENIUM	7782-49-2		NTS	GW		NTS1	10
SILICON	7440-21-3		NTS	GW		NTS1,NTS7	10
SODIUM	7440-23-5		NTS	GW		NTS1,NTS6,NTS7	9
SODIUM 22	13966-32-0		NTS	GW		NTS3	11
STRONTIUM	10476-85-4		NTS	GW,SO		NTS6,NTS7	9
STRONTIUM 90	10098-97-2		NTS	GW,SO		NTS1,NTS5,NTS6,	11
SULFATE	12808-79-8	SULFATE ION	NTS	GW		NTS1,NTS6	10
TECHNECIUM 99	14133-76-7		NTS	GW,SO		NTS7,MEPA	11
THORIUM 230	14268-63-7		NTS	SO		MEPA	11
TITANIUM	7440-32-6		NTS	GW		NTS7	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	NTS	GW,SO		MEPA	5
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	NTS	GW,SO		MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	NTS	GW,SO		MEPA	2
TRIMETHYLBENZENE	25551-13-7		NTS	GW,SO		MEPA	1
URANIUM 233	13968-55-3		NTS	SO		MEPA	11
URANIUM 234	13966-29-5		NTS	SO		MEPA	11
URANIUM 235	15117-96-1		NTS	SO,GW		NTS1,NTS5,MEPA	11
URANIUM 238	24678-82-8		NTS	GW		NTS1	11
VANADIUM	7440-62-2		NTS	GW		NTS1,NTS7	9
XYLENE	1330-20-7	DIMETHYL BENZENE	NTS	GW,SO		MEPA	5
YTTRIUM 90	10098-91-6		NTS	GW,SO		MEPA	11
ZINC	7440-66-6		NTS	GW		NTS1	9
ZIRCONIUM	7440-67-7		NTS	GW		NTS1	9

9713508.0037

OAK RIDGE AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACIL	MEDIUM	ST	SOURCE	GR
ACENAPHTHENE	83-32-9	ACENAPHTHYLENE	OAK	SD		CPCO,OK9	6
ACETIC ACID	64-19-7	METHANE CARBOXYLIC ACID	OAK	AR	X	T2,OK6	7
ACETONE	67-64-1	DIMETHYL KETONE	OAK	SW,GW,SO		MEPA,CPCO,OK2,	7
ACETONITRILE	75-05-8	METHYL CYANIDE	OAK	SW,GW,AR	X	T2,MEPA	7
ACTINIUM 225	14265-85-1		OAK	NS		MEPA	11
ACTINIUM 227	14952-40-0		OAK		X	RMI	11
ACTINIUM 227 OXIDES			OAK		X	RMI	11
ACTINIUM 228	14331-83-0		OAK	SD		OK13	11
ALKYL SUBSTITUTED PHENOL			OAK	GW		OK6	7
ALUMINUM	7429-90-5		OAK	GW,SO,SW,SD		OK5,OK6,OK10,OK	9
ALUMINUM OXIDE	1344-28-1		OAK	AR,SO,SW		OK6	9
ALUMINUM SULFATE	10043-01-3		OAK		X	T2	9
AMERICIUM 241	7440-35-9		OAK	GW,GW,SO,SD		MEPA,OK4,OK6,O	11
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	OAK	SW,SO	X	OK6,OK10,OK12,T	10
ANTHRACENE	120-12-7	PARANAPHTHALENE	OAK	SW,GW,SO,SD		MEPA,OK2,OK9,O	6
ANTIMONY	7440-36-0	STIBIUM	OAK	GW,SW,SD		OK2,OK6,OK9,OK1	9
ANTIMONY 125	14234-35-6		OAK	SW,GW,SO,AR		OK4,OK6,OK12,ME	11
ARGON	7440-37-1		OAK		X	T2	10
AROCLOR 1248 (PCB)	12672-29-6	CHLORODIPHENYL	OAK	SD		OK6	1
AROCLOR 1254 (PCB)	11091-69-1	PCB 1254	OAK	SW,GW,SO,AR,SD		MEPA,OK6,OK13	1
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	OAK	SW,SD,AR,TW,GW		MEPA,OK2,OK6,O	1
ARSENIC	7440-38-2		OAK	SW,GW,SO,AR,SD		MEPA,CPCO,OK2,	9
ASBESTOS	332-21-4		OAK	AR,SO	X	T2,OK3,OK8	13
BARIUM	7440-39-3		OAK	SW,GW,SO,AR,SD		MEPA,CPCO,OK5,	9
BENZENE	71-43-2	ANNULENE	OAK	SW,GW,SO,AR,SD		MEPA,CPCO,OK5,	5
BENZENEDICARBOXYLIC ACID	29010-86-4		OAK	SD,GW		OK6,OK13	7
BENZOFLUORANTHENE, 3,4-	56832-73-6		OAK	SD		OK9	6
BENZOIC ACID	65-85-0	PHENYL CARBOXYLIC ACID	OAK	GW		CPCO	7
BENZOYL PEROXIDE	94-36-0		OAK	SO		OK3	7
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	OAK	GW,SD		OK2,OK9,OK11,OK	6
BENZO[a]ANTHRACENE-1,2 BENZANTHRACENE			OAK	SD		OK13	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	OAK	SD		CPCO,OK2,OK9,O	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	OAK	SO,GW		OK2,OK11,CPCO,	6
BENZO[g,h,i]PERYLENE	191-24-2	1,12 BENZOPERYLENE	OAK	NS		CPC	6
BENZO[k]FLUORANTHENE	207-08-9	DIBENZO[b,j,k]FLUORENE	OAK	SD		CPCO,OK9	6
BERYLLIUM	7440-41-7		OAK	SO,SD,AR,TW,SW,GW		MEPA,CPCO,OK2,	9
BERYLLIUM 7	13966-02-4		OAK	SD,AR		OK6,OK13	11
BERYLLIUM COMPOUNDS	7442-41-7		OAK		X	T2	9
BERYLLIUM OXIDE	1304-56-9		OAK	SO		OK3,OK8	9
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	OAK	SW,GW,SO,SD		MEPA,CPCO,OK2,	7
BISMUTH 212	14913-49-6		OAK	SD		OK13	11
BISMUTH 214	14733-03-0		OAK	SD		OK10,OK13	11
BORON	7440-42-8		OAK	GW,SD,SO,SW		MEPA,OK5,OK6	10
BROMINE	7726-95-6		OAK	GW,SW		OK6	10

BROMINE 82	14686-69-2		OAK	AR		OK6	11
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	OAK	SW,GW,SO,AR		MEPA	2
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	OAK	SW,GW,SO,TW,AR		CPCO,MEPA,OK6	7
BUTYL BENZYL PHTHALATE	85-68-7	PHTHALIC ACID	OAK	GW,SD		OK6,OK9	7
BUTYLPHENOL, 2-tert-	88-18-6		OAK	GW		OK6	7
BUTYLPHENOL, 4-tert-	98-54-4		OAK	GW		OK6	7
CADMIUM	7440-43-9		OAK	SW,GW,SO,SD,AR,TW		OK2,OK5,OK6,OK8	9
CALCIUM	7440-70-2		OAK	GW,SW,SO	X	OK5,OK6,OK12,T2,	9
CALCIUM 41	14092-95-6		OAK		X	RMI	11
CALCIUM HYDROXIDE	1305-62-0	SLAKED LIME	OAK		X	T2	9
CALCIUM OXIDE	1305-78-8	LIME	OAK		X	T2	9
CALIFORNIUM 252	13981-17-4		OAK		X	RMI	11
CALIFORNIUM 252 OXIDES			OAK		X	RMI	11
CARBON 14	14762-75-5		OAK		X	RMI	11
CARBON 14 CARBONATE			OAK		X	RMI	11
CARBON DIOXIDE	124-38-9		OAK		X	T2	10
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	OAK	SO,GW		MEPA,CPCO	10
CARBON MONOXIDE	630-08-0		OAK	AR		OK6	10
CARBON, TOTAL ORGANIC			OAK	GW,SW		OK6	10
CERIUM	7440-45-1		OAK	SW		OK6	9
CERIUM 144	14762-78-8		OAK	SW,GW		MEPA	11
CESIUM 134	13967-70-9		OAK	GW,SD,SW		MEPA,OK6,OK13	11
CESIUM 137	10045-97-3		OAK	SO,SW,SD,GW,AR	X	RMI,OK4,OK6,OK9,	11
CESIUM 137 CHLORIDE			OAK		X	RMI	11
CESIUM 137 POLLUCITE			OAK		X	RMI	11
CESIUM 137+D			OAK	SW,GW,SO,SD,AR		MEPA	11
CHLORIDE	16887-00-6		OAK	GW,SW		OK6	10
CHLORINATED HYDROCARBONS			OAK	GW			2
CHLORINE	7782-50-5		OAK	AR,SW,SO	X	T2,OK5,OK6,OK12	10
CHLORINE 36	13981-43-6		OAK		X	RMI	11
CHLORINE 36 CHLORIDE			OAK		X	RMI	11
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	OAK	SW,GW,SO		MEPA,OK6	1
CHLORODIFLUOROMETHANE	74-45-6	FREON 22	OAK	AR,GW		OK6	2
CHLOROETHANE	75-00-3	ETHYL CHLORIDE	OAK	GW,SW,AR,SO		CPCO,MEPA,OK6	2
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	OAK	SW,SO,AR,GW,SD		CPCO,MEPA,OK6,	2
CHLOROMETHANE	74-87-3	METHYL CHLORIDE	OAK	GW		OK5	2
CHLORONAPHTHALENE, 2-	91-58-7		OAK	SD		OK9	2
CHROMIUM	7440-47-3		OAK	SD,GW,AR,SW		OK2,OK5,OK6,OK9	9
CHROMIUM (III)	16065-83-1		OAK	GW,SO,SD,AR,SW		MEPA	9
CHROMIUM (IV)	15723-28-1		OAK	SW,GW,SO		CPCO,MEPA	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	OAK	GW,SD		CPCO,OK2,OK9,O	6
COBALT	7440-48-4		OAK	GW,SW		CPCO,OK5,OK6	9
COBALT 60	10198-40-0		OAK	SW,GW,SO,SD,AR	X	RMI,MEPA,OK1,OK	11
COPPER	7440-50-8		OAK	GW,SO,SD,AR,TW,SW		MEPA,CPCO,OK2,	9
CURIUM 242	15510-73-3		OAK	SO		OK4	11
CURIUM 244	13981-15-2		OAK	SW,GW,SD,SO	X	RMI,MEPA,OK4,OK	11

97135OB.0038

CURIUM 244 OXIDES			OAK		X	RMI	11
CURIUM 248 CHLORIDE			OAK		X	RMI	11
CYANIDE	57-12-5		OAK	SO,SD,AR,SW,GW		CPCO,MEPA,OK2,	10
CYCLOHEXANOL	108-93-0		OAK	GW		OK6	7
CYCLOHEXANONE	108-94-1		OAK	GW		CPCO,OK6	7
DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	OAK	GW,SD		CPCO,OK2,OK9,O	7
DI-n-OCTYL PHTHALATE	117-84-0	DIOCTYL-o-BENZENE DICARBO	OAK	SD		CPCO,OK9	7
DIACETONE ALCOHOL	123-42-2		OAK	GW		OK6	7
DIBENZOFURAN	132-64-9	DIBENZO[b,d]FURAN	OAK	NS		CPCO	6
DICHLOROBENZIDINE, 3,3'-	91-94-1	4,4- DIAMINE	OAK	GW		OK2,OK11	1
DICHLORODIFLUOROMETHANE	75-71-8	FREON 12	OAK	AR	X	T2,CPCO,OK6	2
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	OAK	NS		CPCO	3
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	OAK	SW,GW,SO,AR,SD		CPCO,MEPA,OK6,	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	OAK	SW,GW,SO,AR		CPCO,MEPA,OK6	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	OAK	SW,GW,SO,SD		CPCO,MEPA,OK6,	2
DICHLOROETHYLENE, 1,2-	540-59-0		OAK	GW		OK6	2
DICHLOROETHYLENE, 1,2-cis-	156-59-2		OAK	NS		CPCO	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	OAK	SW,SO,AR,TW,GW,SD		OK2,OK6,OK8,OK9	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	OAK	SW,GW,SO,AR		CPCO,MEPA,OK2,	2
DICHLOROPHENOXYACETIC ACID, 2,4-	94-75-7	2,4-D, AMIDOX, ESTONE	OAK	SO		MEPA	3
DICHLOROPROPENE, 1,3-cis-	10061-02-6		OAK	SW		OK6	2
DICHLOROTETRAFLUOROETHANE, 1,2-	76-14-2	FREON 114	OAK	AR	X	T2,OK6	2
DIESEL FUEL			OAK	SW,GW,SO,AR,TW		MEPA	8
DIESEL FUEL, #2	68476-30-2		OAK		X	T2	8
DIETHYL ETHER	60-29-7	ETHYL ETHER	OAK	SO		OK3	7
DIETHYL PHTHALATE	84-66-2	NEANTINE, SOLVANOL	OAK	SO,GW		CPCO,MEPA,OK6	7
DIHYDRO PURINONE			OAK	SD		OK13	7
DIMETHYLPHENOL, 2,4-	105-67-9	2,4 XYLENOL	OAK	SD		OK9	7
DINITROPHENOL, 2,4-	51-28-5	ALDIFEN	OAK	GW		CPCO,OK6	4
DIOCTYL ADIPATE	103-23-1	ADIDIC ACID	OAK	GW		OK6	7
EPOXY RESINS			OAK		X	T2	13
ETHANEDIAMINE, 1,2-	107-15-3	ETHYLENEDIAMINE	OAK		X	T2	7
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	OAK	SO,SW,GW,AR	X	T2,CPCO,MEPA,O	7
ETHANOL, 2(9-OCTADECENYLOXY)			OAK	SD		OK13	2
ETHYL METHYL CYCLOHEXANOL			OAK	SD		OK13	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	OAK	SW,GW,SO		MEPA,CPCO,OK6	5
ETHYLENEDIAMINETETRAACETIC ACID	60-00-4	EDTA	OAK	SO		OK1,OK8	7
EUROPIUM 152	14683-23-9		OAK	SW,GW,SD,AR		MEPA,OK6,OK13	11
EUROPIUM 152 OXIDES			OAK		X	RMI	11
EUROPIUM 154	15585-10-1		OAK	SW,GW,SD,SO,AR		MEPA,OK4,OK6,O	11
EUROPIUM 154 OXIDES			OAK		X	RMI	11
EUROPIUM 155	14391-16-3		OAK	SW,GW,SO,AR		MEPA,OK4,OK6	11
EUROPIUM MIXED ISOTOPES			OAK		X	RMI	11
FERRIC SULFATE	10028-22-5		OAK		X	T2	9
FLUORANTHENE	206-44-0	IDRYL	OAK	SW,GW,SO,SD		MEPA,OK2,OK9,O	6
FLUORENE	86-73-7		OAK	SD		OK9	6

FLUORIDE/FLUORINE	7782-41-4		OAK	GW,SO,SW,AR	X	T2,CPCO,OK5,OK6	10
FLUOROTRICHLOROMETHANE	75-69-4	FREON 11, ARCTON 9	OAK	SD		OK9	2
FREON			OAK	GW	X	T2	2
FREON 500	56275-41-3		OAK	AR			2
FREON C-816/B-437			OAK		X		12
GADOLINIUM 153	14276-65-4		OAK		X	RMI	11
GADOLINIUM 153 CARBONATE			OAK		X	RMI	11
GADOLINIUM 153 OXIDES			OAK		X	RMI	11
GADOLINIUM MIXED ISOTOPES			OAK		X	RMI	11
GALLIUM	7440-55-3		OAK	SW		OK5,OK6	9
GASOLINE	8006-61-9		OAK	SW,GW,SO,AR,TW	X	MEPA,T2	8
GASOLINE, UNLEADED			OAK		X	T2,OK6	8
HALOGEN, TOTAL ORGANIC			OAK	GW			10
HELIUM	7440-59-7		OAK		X	T2	10
HEPTACOSANE	593-49-7		OAK	SD		OK13	5
HEPTADECANE	629-78-7		OAK	SD		OK13	5
HEPTADECENE, 1-	6765-39-5		OAK	SD		OK13	8
HEXACHLOROCYCLOHEXANE, beta	319-85-7	beta-BHC	OAK	NS		CPCO	3
HEXADECANOIC ACID	57-10-3	PALMITIC ACID	OAK	SD		OK13	7
HEXADECENE	629-73-2		OAK	SD		OK13	8
HEXAMETHYLCYCLOTRISILOXANE	541-05-9		OAK	GW		OK6	7
HYDRAULIC FLUID			OAK	SW,GW		MEPA	8
HYDRAULIC OIL			OAK		X	T2	8
HYDROCARBON, ARYL			OAK	GW			8
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	OAK	SO,AR	X	T2,OK6	10
HYDROFLUORIC ACID	7664-39-3	HYDROGEN FLUORIDE	OAK	AR	X	T2	10
HYDROGEN 3	10028-17-8	TRITIUM	OAK	SW,SD,AR,GW,SO	X	RMI,OK4,OK6,OK1	11
HYDROGEN PEROXIDE	7742-84-1	PEROXIDE	OAK	NS	X	T2,CPCO	10
HYDROXY-4-METHYL-2-PENTANONE, 4-	123-42-2	DIACETONE ALCOHOL	OAK	GW			7
INDENO[1,2,3-c,d]PYRENE	193-39-5	o-PHENYLPYRENE	OAK	NS		CPCO	6
IODINE 125	14158-31-7		OAK	AR		OK6	11
IODINE 129	15046-84-1		OAK	AR	X	RMI,OK6	11
IODINE 131	10043-66-0		OAK	AR,SW		OK6,OK10	11
IODINE 132	14683-16-0		OAK	AR		OK6	11
IODINE 133	14834-67-4		OAK	AR		OK6	11
IODINE 134	14914-27-3		OAK	AR		OK6	11
IODINE 135	14834-68-5		OAK	AR		OK6	11
IRIDIUM 192	14694-69-0		OAK		X	RMI,OK12	11
IRON	7439-89-6		OAK	SW,SO,SD,GW		CPCO,MEPA,OK5,	9
KRYPTON 85 IN XENON			OAK	AR	X	RMI,OK6	11
LANTHANUM	7439-91-0		OAK	SW		OK6	9
LEAD	7439-92-1		OAK	AR,GW,SO,SW,SD		CPCO,MEPA,OK2,	9
LEAD 210	14255-04-0		OAK	SO,AR,GW		MEPA	11
LEAD 212	15092-94-1		OAK	SD,AR,SW		OK6,OK10,OK13	11
LEAD 214	15067-28-4		OAK	SD		OK13	11
LITHIUM	7439-93-2		OAK	SW	X	T2,CPCO,OK2,OK5	9

9713508.0039

LITHIUM CHLORIDE	7447-41-8		OAK	GW	X	T2,MEPA	9
LITHIUM HYDRIDE	7580-67-8		OAK		X	T2	9
LITHIUM HYDROXIDE	1310-65-2		OAK		X	T2	9
MAGNESIUM	7439-95-4		OAK	GW,SW,SO		CPCO,OK5,OK6,O	9
MANGANESE	7439-96-5		OAK	GW,SO,SW,SD,TW		CPCO,MEPA,OK5,	9
MANGANESE 54	13966-31-9		OAK	SW	X	RMI,OK6	11
MANGANESE OXIDE			OAK	SO		OK1	9
MERCURY	7439-97-6		OAK	AR,GW,SO,SW,SD,TW	X	T2,CPCO,MEPA,O	9
METHANOL	67-56-1	METHYL ALCOHOL	OAK	AR,SO,GW,SW	X	T2,OK6	7
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	OAK	SW,GW,SO		MEPA	7
METHYLPHENOL, 2-	95-48-7	o-CRESOL	OAK	NS		CPCO	7
METHYLPHENOL, 3-		m-CRESOL	OAK	SD		OK9	7
METHYLUNDECENE	18516-37-5		OAK	SD		OK13	8
MINERAL OIL	8012-95-1	KAYDOL, PAROLEINE	OAK	SW,GW,SO		MEPA	8
MOLYBDENUM	7439-98-7		OAK	SW,GW		CPCO,MEPA,OK5,	9
MOTOR OIL			OAK	SW,GW,SO,AR,TW		MEPA	8
N-NITROSODIPHENYLAMINE	86-30-6	REDAX	OAK	GW		CPCO,OK2,OK11	4
NAPHTHALENE	91-20-3	CAMPHOR TAR	OAK	SW,GW,SO,AR,SD		CPCO,MEPA,OK6,	6
NEPTUNIUM 237	13994-20-2		OAK	SW,GW,SO,SD		MEPA,OK6,OK9	11
NICKEL	7440-02-0	RANEY ALLOY	OAK	GW,SO,SD,AR,TW,SW	X	T2,CPCO,MEPA,O	9
NICKEL METAL & SOL. CPDS.	7440-02-0		OAK		X	T2	9
NIOBIUM	7740-03-1		OAK	SW		CPCO,OK6	9
NIOBIUM 95	13967-76-5		OAK	SW		OK6	11
NITRATE	14797-55-8		OAK	SW,GW,AR,TW,SO		OK5,OK6,OK10,OK	10
NITRIC ACID	7697-37-2		OAK	SW,GW,AR,SO,SD	X	T2,MEPA,OK3,OK6	10
NITROGEN	7727-37-9		OAK	SW	X	T2,OK6,OK10	10
NITROGEN OXIDE	10024-97-2		OAK	AR,SW		OK6,OK10	10
NITROPHENOL, 4-	100-02-7		OAK	SW		OK6	4
NITROPHTHALIC ANHYDRIDE, 3-	641-70-3	NITROBENZENE DICARBOXYLI	OAK	SD		OK13	4
NONADECANE	629-92-5		OAK	SD		OK13	8
OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE,	57-74-9	CHLORDANE	OAK	NS		CPCO	3
OCTACOSANE	630-02-4		OAK	SD		OK13	8
OCTADECANE	593-45-3		OAK	SD		OK13	8
OCTADECANOIC ACID	57-11-4	STEARIC ACID	OAK	SD		OK13	7
OCTADECANOL	112-92-5		OAK	SD		OK13	7
OCTADECEN-1-OL, 9-	143-28-2	OLEYL ALCOHOL	OAK	SD		OK13	7
OCTADECENLOXY ETHANOL			OAK	SD		OK13	7
OCTADECYNE, 9-			OAK	SD		OK13	8
OIL			OAK	TW,SW	X	T2,OK3,OK6	8
OXACYCLOHEPTADEC-8-en-2-one			OAK	SD		OK13	7
OXYGEN	7782-44-7		OAK	SW	X	T2,OK6,OK10	10
OXYGEN 19	13982-18-8		OAK	AR		OK6	11
PENTACHLOROPHENOL	131-52-2	PERMITE, EP30	OAK	SW,GW,SO,AR		MEPA,OK6	1
PENTADECENOIC ACID			OAK	SD		OK13	7
PETROLEUM OIL			OAK		X	T2	8
PHENANTHRENE	85-01-8	PHENANTRIN	OAK	SW,GW,SO,SD		MEPA,OK2,OK9,O	6

PHENOL	108-95-2	CARBOLIC ACID	OAK	SO,SD,AR,GW,SW,SD		CPCO,MEPA,OK2,	7
PHENOL, 4-(t-BUTYL)	98-54-4	BUTYLPHEN	OAK	GW			7
PHENOLICS, RECOVERABLE			OAK	GW			7
PHOSPHATE	7601-54-9		OAK	SW		OK6	10
PHOSPHORUS	7723-14-0		OAK	SW		OK6,OK10	10
PHTHALATE ESTER			OAK	GW		OK6	7
PLUTONIUM 238	13981-16-3		OAK	SW,GW,SO,SD,AR	X	RMI,MEPA,OK4,OK	11
PLUTONIUM 238 OXIDES			OAK		X	RMI	11
PLUTONIUM 239	15117-48-3		OAK	SW,GW,SO,SD,AR	X	RMI,MEPA,OK4,OK	11
PLUTONIUM 239 OXIDES			OAK		X	RMI	11
PLUTONIUM 240	14119-32-5		OAK	SW,GW,SO	X	RMI,MEPA,OK4,OK	11
PLUTONIUM 240 OXIDES			OAK		X	RMI	11
PLUTONIUM 241	14119-32-6		OAK	SO	X	RMI,OK4	11
PLUTONIUM 241 OXIDES			OAK		X	RMI	11
PLUTONIUM 242	13982-10-0		OAK	SO	X	RMI,OK4	11
PLUTONIUM 242 OXIDES			OAK		X	RMI	11
POLONIUM 210	13981-52-8		OAK	SO,AR,GW		MEPA	11
POLYCHLORINATED BIPHENYLS	1336-36-3		OAK	SW,GW,SO,SD,AR	X	T2,CPCO,MEPA,O	1
POTASSIUM	7447-40-7		OAK	SW,SO		CPCO,OK5,OK6,O	9
POTASSIUM 40	13966-00-2		OAK	SD		OK13	11
POTASSIUM 41	13965-93-0		OAK	SD		OK13	11
POTASSIUM CHLORIDE	7747-40-7		OAK	GW		MEPA	9
POTASSIUM CYANIDE	151-50-8		OAK		X	T2	9
POTASSIUM HYDROXIDE	1310-58-3	POTASH LYE	OAK		X	T2	9
PROPANOL, 2-	127-00-4	ISOPROPYL ALCOHOL	OAK	TW		MEPA	7
PROTACTINIUM 233	13981-14-1		OAK	SW,GW,SO,SD		MEPA,OK13	11
PROTACTINIUM 234	15100-28-4		OAK	SD		OK13	11
PROTACTINIUM 234m			OAK	SW		OK10	11
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	OAK	SW,GW,SO,SD		OK2,OK9,OK11,ME	6
RADIUM	7440-14-4		OAK	GW		OK6	9
RADIUM 223	15623-45-7		OAK	SD		OK13	11
RADIUM 226	13982-63-3		OAK	SO,AR,GW,SD,SW		MEPA,OK2,OK6,O	11
RADIUM 228	15262-20-1		OAK	GW,SW		OK2,OK6	11
RADIUM 234	51695-86-4		OAK	SD		OK13	11
RECOVERABLE PHENOLICS			OAK	GW,SD,SW		OK6,OK13	7
RUTHENIUM 106	13967-48-1		OAK	SW,GW,SD,SO	X	RMI,MEPA,OK4,OK	11
SCANDIUM	7440-20-2		OAK	SW		OK6	9
SELENIUM	7782-49-2		OAK	GW,SW,SO,SD		CPCO,OK2,OK6,O	10
SELENIUM 75	14265-71-5		OAK	AR		OK6	11
SILICA	7631-86-9		OAK		X	T2	10
SILICON	7440-21-3		OAK	GW,SW		OK6	10
SILVER	7440-22-4		OAK	GW,SO,SD,AR,SW		MEPA,CPCO,OK2,	9
SILVER 108m			OAK	SO		OK4	11
SODIUM	7440 23-5		OAK	GW,SW	X	T2 CPCO,OK5,OK6	9
SODIUM 22	13966 32-0		OAK	SD		OK13	11
SODIUM CYANIDE	143 33-9		OAK		X	T2	9

97350B.0040

SODIUM HYDROXIDE	1310-73-2	SODA LYE	OAK	SO,SW,GW,AR	X	T2,MEPA,OK6	9
SODIUM HYPOCHLORITE	7681-52-9		OAK		X	T2	9
SODIUM NITRATE	7631-99-4		OAK		X	T2	9
STRONTIUM	10476-85-4		OAK	GW,SW		CPCO,OK5,OK6	9
STRONTIUM (TOTAL ACTIVITY)			OAK	GW,SO,AR,SW		OK6	11
STRONTIUM 89	14158-27-1		OAK	SD,GW		OK6,OK13	11
STRONTIUM 90	10098-97-2		OAK	SW,GW,SO,SD,AR	X	RMI,MEPA,OK2,OK	11
STRONTIUM 90 FLUORIDE			OAK		X	RMI	11
STRONTIUM 90 OXIDES			OAK		X	RMI	11
STRONTIUM 90 SILICATE			OAK		X	RMI	11
STRONTIUM CHLORIDE	10476-85-4		OAK	GW,SO,TW,SD		MEPA	9
SULFATE	12808-79-8	SULFATE ION	OAK	GW,SW,SD,SO,AR		OK4,OK5,OK6,OK1	10
SULFIDE	18496-25-8		OAK	SW		OK6	10
SULFITE	14265-45-3		OAK	SW		OK6	10
SULFUR DIOXIDE	7446-09-5		OAK	AR		OK6	10
SULFUR HEXAFLUORIDE	3584-28-5		OAK	AR	X	T2,OK6	10
SULFURIC ACID	7664-93-9		OAK	AR,SO,SW	X	T2,OK6	10
TECHNECIUM 99	14133-76-7		OAK	SW,GW,SO,AR,SD	X	RMI,MEPA,OK4,OK	11
TELLURIUM	13494-80-9		OAK		X	RMI	11
TELLURIUM OXIDES			OAK		X	RMI	11
TETRACHLOROBENZENE			OAK	GW			1
TETRACHLORODIBENZO-p-DIOXIN, 2,3,7,8-	1746-01-6	2,3,7,8TCDD DIOXIN	OAK	SO		MEPA	3
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	OAK	SW,GW,SO		CPCO,MEPA	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	OAK	AR,SO,SW,GW,TW,SD	X	T2,CPCO,MEPA,O	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	OAK	GW,SO,AR,TW,SW	X	MEPA,T2,CPCO,O	2
TETRADECADIENE			OAK	SD		OK13	8
TETRADECADIENE, 1,13-	21964-49-8		OAK	SD		OK13	8
TETRADECENOIC ACID	544-64-9	MYRISTOLEIC ACID	OAK	SD		OK13	7
TETRAMETHYLHEXADECANE			OAK	SD		OK13	8
TETRAMETHYLHEXADECANOL			OAK	SD		OK13	7
THALLIUM	7440-28-0		OAK	SW		CPCO,OK10	9
THALLIUM 208	14913-50-9		OAK	SD		OK13	11
THORIUM	7440-29-1		OAK	SO,SW		CPCO,OK1,OK6,O	9
THORIUM (TOTAL ACTIVITY)			OAK	SO,SW		OK6	11
THORIUM 228	14274-82-9		OAK	SO,AR,SW,SD		MEPA,OK4,OK6,O	11
THORIUM 229	15595-54-4		OAK	NS		MEPA	11
THORIUM 230	14268-63-7		OAK	SW,GW,SO,AR,SD		MEPA,OK2,OK4,O	11
THORIUM 232			OAK	GW,SO,SW,AR		MEPA,OK4,OK6,O	11
THORIUM 234	15065-10-8		OAK	SD		OK13	11
TIN	7440-31-5		OAK	SW		CPCO,OK6	9
TITANIUM	7440-32-6		OAK	GW,SW		CPCO,OK6	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	OAK	GW,SO,AR,TW,SW,SD		CPCO,MEPA,OK5,	5
TOLUENEDIISOCYANATE, 2,4-	584-84-9	2,4-DIISOCYANATE-1-METHYL	OAK		X	T2	7
TRIBROMOMETHANE	75-25-2	BROMOFORM	OAK	GW		OK5,OK6	2
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	OAK	AR,SO,SW,GW	X	T2,CPCO,MEPA,O	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	OAK	AR,GW,SO,SW,TW,SD	X	T2,CPCO,MEPA,O	2

TRICHLOROETHANE, 1,1,2-	79-00-5	VINYL TRICHLORIDE	OAK	SW,GW,SO,AR,SD		CPCO,MEPA,OK6,	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	OAK	SW,GW,SO,AR,TW,SD		OK2,OK5,OK6,OK9	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	OAK	SW,GW,AR,TW,SO		CPCO,MEPA,OK5,	2
TRICHLOROMONOFLUOROMETHANE	75-69-4	FREON 11, ARCTON 9	OAK	AR	X	T2,CPCO,OK6	2
TRITETRACONTANE			OAK	SD		OK13	8
URANIUM	7440-61-1		OAK	SW,GW,SO,SD,AR,TW	X	MEPA,OK1,OK2,O	9
URANIUM (TOTAL ACTIVITY)			OAK	SO,SW	X	RMI,OK6	11
URANIUM 232	14158-29-3		OAK	SO		OK4	11
URANIUM 233	13968-55-3		OAK	GW,GW,SO		MEPA,OK4	11
URANIUM 234	13966-29-5		OAK	SW,GW,SO,AR,SD		MEPA,OK4,OK6,O	11
URANIUM 235	15117-96-1		OAK	SO,SD,AR,TW,SW,GW		MEPA,OK4,OK6,O	11
URANIUM 236	13982-70-2		OAK	SW,GW,SO,AR		MEPA,OK4,OK6	11
URANIUM 238	24678-82-8		OAK	SW,GW,SO,AR,SD		MEPA,OK4,OK6,O	11
URANIUM COMPOUNDS			OAK	NS	X	T2,CPCO	9
URANIUM OXIDES			OAK		X		9
URANIUM, DEPLETED			OAK	AR	X	RMI,OK6	11
URANIUM, ENRICHED			OAK	AR		OK6	11
URANYL NITRATE			OAK	SD,SO		OK3	9
VANADIUM	7440-62-2		OAK	GW,SW		CPCO,OK6	9
XENON 133	14932-42-4		OAK	AR		OK6	11
XYLENE	1330-20-7	DIMETHYL BENZENE	OAK	SW,GW,SO,TW		MEPA,OK6	5
XYLENES, TOTAL	1330-20-7		OAK	GW		OK6	5
YTTRIUM 90	10098-91-6		OAK	SW,GW,SO		MEPA	11
ZINC	7440-66-6		OAK	GW,SO,SW,SD		CPCO,OK2,OK5,O	9
ZINC COMPOUNDS	7646-85-7		OAK	GW,SO,SD,AR,TW,SW		MEPA	9
ZIRCONIUM	7440-67-7		OAK	GW,SO,SW,SD		CPCO,MEPA,OK2,	9
ZIRCONIUM 95	13967-71-0		OAK	SW		OK6	11

97 3508.0041

PADUCAH GASEOUS DIFFUSION PLANT AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ALUMINUM	7429-90-5		PAD	SW,GW,SO,SD		MEPA	9
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	PAD	SW,AR		PAD,OK7	10
ARSENIC	7440-38-2		PAD	GW		PAD	9
ASBESTOS (CROC)	12001-28-4	CROCIDOLITE	PAD	SW,GW,SD		MEPA	13
BARIUM	7440-39-3		PAD	GW		PAD	9
BENZENE	71-43-2	ANNULENE	PAD	GW		PAD	5
BERYLLIUM	7440-41-7		PAD	GW		PAD	9
CADMIUM	7440-43-9		PAD	SW		PAD	9
CALCIUM	7440-70-2		PAD	GW		PAD	9
CALCIUM OXIDE	1305-78-8	LIME	PAD	SW,GW,SO,SD		MEPA	9
CARBON MONOXIDE	630-08-0		PAD	AR		PAD,OK7	10
CESIUM 137	10045-97-3		PAD	SO,SD		PAD	11
CESIUM 137+D			PAD	SW,GW,SO,SD		MEPA	11
CHLORIDE	16887-00-6		PAD	SW,GW		PAD	10
CHLORINE	7782-50-5		PAD	SW,AR		PAD,OK7	10
CHROMIUM	7440-47-3		PAD	SW,GW,AR,SO		PAD,OK7	9
CHROMIUM (IV)	15723-28-1		PAD	SW,GW,SO,SD,AR		MEPA	9
CHROMIUM (VI)	18540-29-9		PAD	SW,GW		PAD	9
COPPER	7440-50-8		PAD	SW,GW		PAD	9
DICHLOROTETRAFLUOROETHANE, 1,2-	76-14-2	FREON 114	PAD	AR,SW		OK7	2
ETHYLBENZENE	100-41-4	PHENYLETHANE	PAD	GW		PAD	5
FLUORIDE	7782-41-4		PAD	SW,GW,SD,AR		MEPA,PAD	10
FLUORINE	7782-41-4		PAD	AR		OK7	10
FUEL OIL #2	68476-34-6		PAD	SW,GW,SO		MEPA	8
GASOLINE	8006-61-9		PAD	SW,GW,SO		MEPA	8
HYDROFLUORIC ACID	7664-39-3	HYDROGEN FLUORIDE	PAD	AR		OK7	10
IRON	7439-89-6		PAD	SW,GW,SO,SD		MEPA	9
LEAD	7439-92-1		PAD	GW		PAD	9
MAGNESIUM	7439-95-4		PAD	GW		PAD	9
MANGANESE	7439-96-5		PAD	GW		PAD	9
MOTOR OIL			PAD	SW,GW,SO,SD		MEPA	8
NEPTUNIUM 237	13994-20-2		PAD	SW,GW,SO,SD	X	MEPA,PAD	11
NICKEL	7440-02-0	RANEY ALLOY	PAD	SW,GW,SD		MEPA	9
NITRATE	14797-55-8		PAD	SW		PAD	10
NITRIC ACID	7697-37-2		PAD	SW,GW,SD,AR		MEPA,OK7	10
NITROGEN	7727-37-9		PAD	AR		OK7	10
NITROGEN OXIDE	10024-97-2		PAD	AR		PAD,OK7	10
NITROGEN, FROM NITRATE			PAD	SW,GW		PAD	10
PENTACHLOROPHENOL	131-52-2	PERMITE, EP30	PAD	SW,GW,SO		MEPA	1
PHOSPHATES-PHOSPHORUS			PAD	SW		PAD	10
PLUTONIUM 239	15117-48-3		PAD	SW,GW,SO,SD	X	MEPA,PAD	11
POLYCHLORINATED BIPHENYLS	1336-36-3		PAD	SW,GW,SO,SD	X	PAD,MEPA	1
POTASSIUM 40	13966-00-2		PAD	SO SD		PAD	11
PROTACTINIUM 233	13981-14-1		PAD	SW GW,SO SD		MEPA	11

SELENIUM	7782-49-2		PAD	GW		PAD	10
SODIUM	7440-23-5		PAD	SW,GW		PAD	9
SODIUM DICHROMATE	7789-12-0		PAD	AR,SW,SO		OK7	9
SULFATE	12808-79-8	SULFATE ION	PAD	GW,SW		PAD	10
SULFUR DIOXIDE	7446-09-5		PAD	AR		PAD,OK7	10
SULFURIC ACID	7664-93-9		PAD	SW,GW,SD		MEPA	10
TECHNECIUM 99	14133-76-7		PAD	SW,GW,SO,SD,AR	X	MEPA,PAD	11
THORIUM 230	14268-63-7		PAD	SW,GW,SO,SD	X	MEPA,PAD	11
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	PAD	GW		PAD	5
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	PAD	AR		PAD	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	PAD	SW,GW,SO,SD,AR		MEPA,PAD,OK7	2
URANIUM	7440-61-1		PAD	SW,GW,SO,SD,AR		MEPA,PAD	9
URANIUM 233	13968-55-3		PAD	SW,GW,SO,SD		MEPA	11
URANIUM 234	13966-29-5		PAD	SW,GW,SD,AR	X	MEPA,PAD	11
URANIUM 235	15117-96-1		PAD	SW,GW,SO,SD,AR	X	MEPA,PAD	11
URANIUM 238	24678-82-8		PAD	SW,GW,SO,SD,AR	X	MEPA,PAD	11
XYLENE	1330-20-7	DIMETHYL BENZENE	PAD	GW		PAD	5
ZINC	7440-66-6		PAD	SW,GW		PAD	9
ZINC COMPOUNDS	7646-85-7		PAD	SW,GW,SD		MEPA	9

97 1508.0042

PANTEX PLANT

AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	PANT	SW,GW,SO,SD,AR		PT1,PTA1,PTA2,PT	7
AMMONIUM NITRATE	6484-52-2		PANT	SO		ERIS	10
ANTHRACENE	120-12-7	PARANAPHTHALENE	PANT	SW		PTA1	6
ANTIMONY	7440-36-0	STIBIUM	PANT	AR,SO		PTA1,MEPA	9
ARSENIC	7440-38-2		PANT	GW,SO,SW		PT2,PTA1	9
ASBESTOS	332-21-4		PANT	SO		PTA1,ERIS	13
ASBESTOS (CROC)	12001-28-4	CROCIDOLITE	PANT	GW,SO,AR		MEPA	13
BARIUM	7440-39-3		PANT	SW,GW,SO,SD,AR		PT1,PT2,MEPA	9
BENZENE	71-43-2	ANNULENE	PANT	SW,GW,SO,SD,AR,TW		PTA1,MEPA,ERIS	5
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	PANT	GW,SO,AR		MEPA	6
BERYLLIUM	7440-41-7		PANT	SO		PTA1,ERIS	9
BERYLLIUM 7	13966-02-4		PANT	SO		MEPA	11
BICARBONATE			PANT	GW		PT2	10
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	PANT	SW		PTA1	7
BROMOMETHANE	74-83-9	METHYL BROMIDE	PANT	SW		PTA1	2
BUTANOL, n-	71-36-3	BUTANOL	PANT	SW		PTA3	7
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	PANT	SW,GW,SO,SD,AR		PTA1,PTA2,MEPA	7
CADMIUM	7440-43-9		PANT	GW,SO,AR		PT2,PTA1,MEPA	9
CALCIUM	7440-70-2		PANT	GW		PT2	9
CESIUM	7440-45-1		PANT	GW,SW,SD		PTA3	9
CESIUM 137+D			PANT	SO		MEPA	11
CHLORIDE	16887-00-6		PANT	GW,SO		PT2,PTA3	10
CHROMIUM	7440-47-3		PANT	GW,SW,SO		PT1,PT2,PTA1,PTA	9
CHROMIUM (IV)	15723-28-1		PANT	SO,SW		MEPA,ERIS	9
CHROMIUM (VI)	18540-29-9		PANT	GW,SW		PT1,PT2,PTA1	9
COBALT	7440-48-4		PANT	AR		MEPA	9
COPPER	7440-50-8		PANT	GW,SW,SO		PT1,PT2,PTA1,ERI	9
CYANIDE	57-12-5		PANT	SO,GW,SW		PT1,PT2,PTA1,ERI	10
CYCLOHEXANE	110-82-7		PANT	SW		PTA3	8
DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	PANT	SO,SD,SW		PTA1,PTA3,MEPA	7
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	PANT	SO	X	PTA1,ERIS	3
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	PANT	SW,SO,SD		PTA1,MEPA	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	PANT	SO		PTA1	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	PANT	SW,GW,SO,SD,AR		PTA1,ERIS,MEPA	2
DICHLOROPHENOXYACETIC ACID, 2,4-	94-75-7	2,4-D, AMIDOX, ESTONE	PANT	SO		ERIS	3
DIESEL FUEL			PANT	SW,GW,SO,SD,AR		PTA1,ERIS,MEPA	8
DIETHYL PHTHALATE	84-66-2	NEANTINE, SOLVANOL	PANT	SO,SD		PTA1,MEPA	7
DIMETHYLFORMAMIDE	68-12-2	DMF	PANT	SO		PTA1	7
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	PANT	SW,SO,SD,AR		TCRI,MEPA	7
ETHANOL	64-17-5	ETHYL ALCOHOL	PANT	SW,GW,SO,SD		MEPA	7
ETHYL ACETATE	141-78-6		PANT	AR		PTA2	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	PANT	GW,SO,SD		PTA3,MEPA	5
FLUORANTHENE	206-44-0	IDRYL	PANT	SO,SW		PTA1,MEPA	6
FLUORENE	86-73-7		PANT	SD		PTA1	6

FLUORIDE	7782-41-4		PANT	GW,SW,SO		PT1,PT2,PTA3	10
GASOLINE	8006-61-9		PANT	SW,GW,SO,SD		MEPA	8
HEXAHYDRO-1,3,5-TRINITRO s-TRIAZINE	121-82-4	RDX	PANT	SW		PTA1	4
HYDROCARBONS			PANT	SW,SD		PTA3	8
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	PANT	SO		PTA1	10
HYDROGEN 3	10028-17-8	TRITIUM	PANT	SO,AR,GW,SW		PT1,PT2,PTA1,PTA	11
IRON	7439-89-6		PANT	GW,SW,SO		PT1,PT2,PTA1	9
LEAD	7439-92-1		PANT	GW,SO,AR,SW		PT1,PT2,PTA1,MEP	9
MAGNESIUM	7439-95-4		PANT	GW		PT2	9
MERCURY	7439-97-6		PANT	SO,GW,SW		PTA1,ERIS	9
METHANOL	67-56-1	METHYL ALCOHOL	PANT	SW,GW,SO,SD,AR		PT1,PTA1,PTA2,ME	7
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	PANT	SW,GW,SO,SD,AR		MEPA	7
METHYLNAPHTHALENE, 2-	91-57-6	METHYLNAPHTALEN	PANT	SD		PTA1	6
MOTOR OIL			PANT	SW,SO,SD		MEPA	8
NAPHTHALENE	91-20-3	CAMPHOR TAR	PANT	SD		PTA1	6
NICKEL	7440-02-0	RANEY ALLOY	PANT	SO		PTA1	9
NITRATE	14797-55-8		PANT	GW,SW,SO	X	PT1,PT2,PTA1,PTA	10
NITRIC ACID	7697-37-2		PANT	SO		PTA1	10
PENTACHLORDIBENZOFURAN	30402-15-4		PANT	SD		PTA1	1
PETROLEUM			PANT	SO		PTA1,ERIS	8
PHENANTHRENE	85-01-8	PHENANTRIN	PANT	GW,SO,AR,SW,SD		PTA1,MEPA	6
PHOSPHATE	7601-54-9		PANT	GW,SW		PT1,PT2	10
PLUTONIUM	7440-07-5		PANT	SO		PTA1,PTA2,ERIS	9
PLUTONIUM 238	13981-16-3		PANT	SO,SW,GW,SD		PTA3	11
PLUTONIUM 239	15117-48-3		PANT	SO,SW,GW,SD		PTA3	11
POLYCHLORINATED BIPHENYLS	1336-36-3		PANT	SW,GW,SO,SD,AR		PTA1,MEPA,ERIS	1
POLYCHLORINATED DIBENZODIOXINS			PANT	SD		PTA1	1
POLYCHLORINATED FURANS, 4	55684-94-4		PANT	SW,SO,SD,AR		MEPA	2
POTASSIUM	7447-40-7		PANT	GW		PT2	9
PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)	93-72-1	SILVEX	PANT	NS		ERIS	3
RADIUM 226	13982-63-3		PANT	GW,SW		PT1,PT2	11
RADIUM 228	15262-20-1		PANT	GW,SW		PT1,PT2	11
SILVER	7440-22-4		PANT	AR,GW,SW,SD		PT2,PTA1,MEPA	9
SODIUM	7440-23-5		PANT	GW,SO		PT2,PTA1	9
STRONTIUM 90	10098-97-2		PANT	SO		PTA1,PTA3,MEPA	11
SULFATE	12808-79-8	SULFATE ION	PANT	GW,SW,SO		PT1,PT2,PTA3	10
SULFURIC ACID	7664-93-9		PANT	AR,SO		TCRI,PTA1,ERIS	10
TETRACHLORODIBENZO-p-DIOXIN, 2,3,7,8-	1746-01-6	2,3,7,8TCDD DIOXIN	PANT	SW,SO,SD,AR		MEPA	3
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	PANT	GW,SO,AR		PTA1,MEPA	2
TETRAHYDROFURAN	109-99-9	DIETHYLENE OXIDE	PANT	GW,SW,SO		PTA1,PTA2,PTA3	2
THORIUM	7440-29-1		PANT	SO		PTA1,ERIS	9
TIN	7440-31-5		PANT	NS		ERIS	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	PANT	SW,GW,SO,SD,AR,TW		PT1,PTA1,PTA2,PT	5
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	PANT	GW,SO,SW		PTA1,MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	PANT	SD,SO,SW		PTA1,PTA3	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	PANT	GW,SO,AR,SW		PTA1,MEPA	2

9713508.0043

URANIUM	7440-61-1		PANT	SO,SW,GW,SD,AR		PT1,PT2,PTA1,PTA	9
URANIUM 235	15117-96-1		PANT	SD,SO,GW,SW		PTA1,PTA3	11
URANIUM 238	24678-82-8		PANT	SO		MEPA	11
URANIUM, DEPLETED			PANT	SO		PTA1,ERIS	11
XYLENE	1330-20-7	DIMETHYL BENZENE	PANT	SW,GW,SO,SD,AR,TW		PTA1,PTA3,MEPA,	5
YTTRIUM 90	10098-91-6		PANT	SO		MEPA	11
ZINC	7440-66-6		PANT	GW,SW,SD		PT1,PT2,PTA1	9

PORTSMOUTH GASEOUS DIFFUSION PLANT AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	PORT	SW,GW,SO,AR		MEPA,PO2,OK7	7
AMMONIA NITROGEN			PORT	SW		PO1	10
ARSENIC	7440-38-2		PORT	SW,GW,SO		MEPA,PO2	9
ASBESTOS	332-21-4		PORT	AR,SO,SW		PO1,PO2	10
BARIUM	7440-39-3		PORT	SW,GW,SO		MEPA,PO2	9
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	PORT	GW		PO1	2
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	PORT	SW,GW,SO		MEPA	7
CADMIUM	7440-43-9		PORT	SW,GW,SO		MEPA,PO2	9
CALCIUM HYDROXIDE	1305-62-0	SLAKED LIME	PORT	GW	X	PO1	9
CARBON	7440-44-0		PORT	SW		PO2	10
CARBON MONOXIDE	630-08-0		PORT	AR		PO2,OK7	10
CHLORIDE	16887-00-6		PORT	GW,SW		PO1,PO2	10
CHLORINE	7782-50-5		PORT	SW,AR	X	PO1,PO2,OK7	10
CHLORODIFLUOROMETHANE	74-45-6	FREON 22	PORT	AR		PO2,OK7	2
CHROMIUM	7440-47-3		PORT	GW,SW,AR,SO		PO1,PO2,OK7	9
CHROMIUM (III)	16065-83-1		PORT	SW,GW,SO		PO1,MEPA	9
CHROMIUM (IV)	15723-28-1		PORT	SW,GW,SO,AR		MEPA,PO2	9
CHROMIUM (VI)	18540-29-9		PORT	SW		PO1,PO2	9
CITRIC ACID	77-92-9		PORT		X	PO1	7
COPPER	7440-50-8		PORT	SW,GW		MEPA,PO2	9
DIBROMOCHLOROMETHANE	594-18-3		PORT	GW		PO1	2
DICHLORODIFLUOROMETHANE	75-71-8	FREON 12	PORT	AR		PO2,OK7	2
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	PORT	GW		PO1	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	PORT	GW		PO1	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	PORT	GW		PO1	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	PORT	GW		PO1	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	PORT	GW		PO1	2
DICHLOROTETRAFLUOROETHANE, 1,2-	76-14-2	FREON 114	PORT	AR	X	PO1,PO2,OK7	2
DIESEL FUEL			PORT	SW,GW,SO,AR		MEPA	8
DIOXANE, 1,4-	123-91-1	GLYCOL ETHYLENE ETHER	PORT	SW,GW,SO		MEPA	2
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	PORT	AR,SW,SO		PO2,OK7	7
FLUORIDE	7782-41-4		PORT	AR,SW,SO		PO1,PO2	10
FLUOROTRICHLOROMETHANE	75-69-4	FREON 11	PORT	GW		PO1	2
FUEL OIL			PORT	SW		PO2	8
GASOLINE	8006-61-9		PORT	SW,GW,SO,AR		MEPA	8
HYDROFLUORIC ACID	7664-39-3	HYDROGEN FLUORIDE	PORT	AR		PO1,PO2,OK7	10
IRON	7439-89-6		PORT	SW,GW		MEPA,PO2	9
LEAD	7439-92-1		PORT	SW,GW,SO		MEPA,PO2	9
MANGANESE	7439-96-5		PORT	SW,GW		MEPA,PO2	9
MERCURY	7439-97-6		PORT	SW		PO1,PO2	9
METHANOL	67-56-1	METHYL ALCOHOL	PORT	AR		PO2,OK7	7
MINERAL OIL	8012-95-1	KAYDOL, PAROLEINE	PORT	SW,GW,SO,AR		MEPA	8
MOTOR OIL			PORT	SW,GW,SO		MEPA	8
NEPTUNIUM 237	13994-20-2		PORT	SW		PO2	11

9/1508.0044

NICKEL	7440-02-0	RANEY ALLOY	PORT	SW,GW,SO		MEPA,PO2	9
NITRIC ACID	7697-37-2		PORT	SO	X	PO1,OK7	10
NITROGEN OXIDE	10024-97-2		PORT	AR		OK7	10
NITROGEN, FROM NITRATE			PORT	SW		PO1,PO2	10
PHENOL	108-95-2	CARBOLIC ACID	PORT	SW		PO2	7
PHOSPHATE	7601-54-9		PORT	SW		PO2	10
PLUTONIUM	7440-07-5		PORT	SW		PO2	9
POLYCHLORINATED BICYCLIC TERPENES	8001-35-2	TOXAPHENE	PORT	SW		PO2	3
POLYCHLORINATED BIPHENYLS	1336-36-3		PORT	SW,GW,SO,SD		MEPA,PO2	1
PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)	93-72-1	SILVEX	PORT	SW		PO2	3
PROTACTINIUM 234m			PORT	AR		PO1	11
RADIUM	7440-14-4		PORT	GW,SW		PO1,PO2	9
SELENIUM	7782-49-2		PORT	SW		PO2	10
SILVER	7440-22-4		PORT	SW		PO2	9
SODIUM	7440-23-5		PORT	GW,SW		PO1,PO2	9
SODIUM DICHROMATE	7789-12-0		PORT	AR,SW,SO		OK7	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	PORT	SW,GW,SO,AR		MEPA,PO2	9
SODIUM SULFATE	7757-82-6		PORT	SW		OK7	9
SULFATE	12808-79-8	SULFATE ION	PORT	GW,SW		PO1,PO2	10
SULFUR DIOXIDE	7446-09-5		PORT	AR	X	PO1,PO2,OK7	10
SULFURIC ACID	7664-93-9		PORT	SO		OK7	10
SULFUROUS ACID	7782-99-2		PORT	SO	X	PO1,PO2	10
TECHNECIUM	7440-26-8		PORT	GW,SO,SD		PO1,PO2	9
TECHNECIUM 99	14133-76-7		PORT	SW,GW,SO,AR,SD		PO1,MEPA,PO2	11
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	PORT	GW		PO1	2
THORIUM 231	14932-40-2		PORT	AR		PO1	11
THORIUM 234	15065-10-8		PORT	AR		PO1	11
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	PORT	SW,GW,SO		MEPA	5
TRIBUTYL PHOSPHATE	126-73-8	CELLUPHOS 4	PORT	SW		PO2	7
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	PORT	GW,AR,SW		PO1,PO2,OK7	2
TRICHLORO-2,2-BIS(p-METHOXYPHENYL)ETHANE, 1,1,1-	72-43-5	METHOXYCHLOR	PORT	SW		PO2	1
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	PORT	SW,GW,SO,AR		PO1,MEPA,PO2,O	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	PORT	SW,GW,SO		PO1,PO2,MEPA	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	PORT	GW		PO1	2
URANIUM	7440-61-1		PORT	SW,GW,SO,AR,SD		PO1,MEPA,PO2	9
URANIUM 234	13966-29-5		PORT	AR		PO1	11
URANIUM 235	15117-96-1		PORT	SW,GW,SO,AR		PO1,MEPA,PO2	11
URANIUM 236	13982-70-2		PORT	AR		PO1	11
URANIUM 238	24678-82-8		PORT	SW,GW,SO,AR		PO1,MEPA	11
URANIUM FLUORIDE			PORT	AR		PO1	9
XYLENE	1330-20-7	DIMETHYL BENZENE	PORT	SW,GW,SO		MEPA	5
ZINC	7440-66-6		PORT	SW		PO1,PO2	9
ZINC COMPOUNDS	7646-85-7		PORT	SW,GW		MEPA	9

PINELLAS PLANT AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	PP	SW,GW,SO,AR		MEPA,PP1,PP3	7
ANTIMONY	7440-36-0	STIBIUM	PP	GW		PP3	9
ARSENIC	7440-38-2		PP	GW		PP3	9
BARIUM	7440-39-3		PP	SW,GW,AR		MEPA	9
BENZENE	71-43-2	ANNULENE	PP	GW,SO		MEPA,PP1,PP3	5
BENZENE ETHANOL	5988-48-7	3-HEPTANOL	PP	GW		PP3	3
BENZOIC ACID	65-85-0	PHENYL CARBOXYLIC ACID	PP	GW		PP3	7
BERYLLIUM	7440-41-7		PP	GW		PP3	9
BICYCLO(4,1,0)HEPTANE	286-08-8	NORCARANE	PP	GW		PP3	8
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	PP	SW,GW,AR		MEPA,PP3	7
BIS-PHENOL			PP	GW		PP3	7
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	PP	SW,GW,AR		PP1,MEPA	7
CADMIUM	7440-43-9		PP	SW,GW		MEPA,PP3	9
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	PP	GW,SO,AR		MEPA,PP1,PP3	2
CHLOROMETHANE	74-87-3	METHYL CHLORIDE	PP	GW		PP1	2
CHROMIUM	7440-47-3		PP	GW		PP3	9
CHROMIUM (IV)	15723-28-1		PP	SW,GW,SO,AR		MEPA	9
COPPER	7440-50-8		PP	GW		PP3	9
CYCLOHEXANE	110-82-7		PP	GW		PP1	8
DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	PP	GW		PP3	7
DICHLORO-1,1,2-TRIFLUOROETHANE, 1,2-	354-23-4		PP	GW		PP2	2
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	PP	SW,GW,AR		MEPA	2
DICHLOROETHYLENE	75-55-9		PP	GW		PP1	2
DICHLOROETHYLENE, 1,2-	540-59-0		PP	GW		PP3	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	PP	SW,GW,SO,AR		MEPA,PP1,PP3	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	PP	SW,GW,SO,AR		MEPA,PP1,PP3	2
DIESEL FUEL			PP	SW,GW,SO,AR		MEPA	8
DIMETHYL-1-BUTANOL, 2,2-	1185-33-7	2,2 DIMETHYL BUTANOL	PP	GW		PP2	7
ETHANOL, 2-(2-BUTOXYETHOXY)-	112-34-5		PP	GW		PP3	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	PP	GW		PP1,PP3	5
FLUORANTHENE	206-44-0	IDRYL	PP	SW,GW,AR		MEPA	6
FUEL OIL #2	68476-34-6		PP	GW,SO		MEPA	8
HEXANE	110-54-3		PP	GW		PP3	8
HEXANONE, 3-	589-38-8		PP	GW		PP1	7
HEXYL METHANOATE	629-33-4		PP	GW		PP2	7
HYDROGEN 3	10028-17-8	TRITIUM	PP	SW,GW,SO,AR		ERIS,MEPA	11
INDENO[1,2,3-c,d]PYRENE	193-39-5	o-PHENYLPYRENE	PP	SW,GW,AR		MEPA	6
LEAD	7439-92-1		PP	SW,GW,AR,TW		ERIS,MEPA,PP3	9
MAGNESIUM	7439-95-4		PP	SW,GW,AR		MEPA	9
MERCURY	7439-97-6		PP	GW		PP3	9
METHOXYTRIMETHYL SILANE	1825-61-2		PP	GW		PP2	7
METHYL PHENOL, 4-	106-44-5	p-CRESOL	PP			PP3	7
METHYL-1-HEXANOL, 5-	627-98-5		PP	GW		PP2	7
METHYL-1-HEXENE, 4-	3769-23-1		PP	GW		PP2	8

97 13508.0045

METHYL-1-PENTENE, 4-	691-37-2		PP	GW		PP2	7
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	PP	GW		PP1	7
METHYLCYCLOPENTANE	96-37-7		PP	GW		PP3	8
METHYLPHENOL, 2-	95-48-7	o-CRESOL	PP	GW		PP3	7
NICKEL	7440-02-0	RANEY ALLOY	PP	SW,GW		MEPA,PP3	9
OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE,	57-74-9	CHLORDANE	PP	SW,GW		MEPA	3
OCTANOL, 1-	111-87-5	OCTYL ALCOHOL	PP	GW		PP1	7
OXYBIS HEXANE, 1,1-	112-58-3		PP	GW		PP2	7
PHENOL	108-95-2	CARBOLIC ACID	PP	GW,AR		MEPA	7
POLYCHLORINATED BIPHENYLS	1336-36-3		PP	SW,GW,AR		MEPA	1
PROPANOL, 2-	127-00-4	ISOPROPYL ALCOHOL	PP	GW		PP1	7
PROPANOL, 2-(2-HYDROXYPROPOXY)-1-	106-62-7		PP	GW		PP2	7
PROPYL CYCLOPROPANE	2415-72-7		PP	GW		PP1	8
PROPYL FURAN, 2-	4229-91-8		PP	GW		PP1,PP2	7
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	PP	SW,GW,AR		MEPA	6
SELENIUM	7782-49-2		PP	GW		PP3	10
SILVER	7440-22-4		PP	SW,GW		MEPA,PP3	9
TETRAHYDROFURAN	109-99-9	DIETHYLENE OXIDE	PP	GW		PP1	7
THALLIUM	7440-28-0		PP	GW		PP3	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	PP	GW,SO,AR		PP1,PP3,MEPA	5
TRICHLOROETHANE			PP	GW		PP2	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	PP	SW,GW,AR		MEPA,PP1	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	PP	GW,SO,AR		MEPA,PP1,PP3	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	PP	GW		PP1	2
TRICHLOROMONOFLUOROMETHANE	75-69-4	FREON 11	PP	GW		PP2	2
TRIMETHYL BICYCLO HEPTANONE			PP	GW		PP1,PP2	7
TRIMETHYLSILANOL	1066-40-6		PP	GW		PP2	5
UNDECANONE, 6-	927-49-1	AMYL KETONE	PP	GW		PP3	7
VINYL ACETATE	108-05-4	VINYL ETHANOATE	PP	GW		PP2	7
XYLENES, TOTAL	1330-20-7		PP	GW		PP1,PP3	5
ZINC	7440-66-6		PP	GW		PP3	9
ZINC COMPOUNDS	7646-85-7		PP	SW,GW,AR		MEPA	9

PRINCETON UNIVERSITY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	PRIN		X	RTK	10
CARBON DIOXIDE	124-38-9		PRIN		X	RTK	10
DICHLORODIFLUOROMETHANE	75-71-8	FREON 12	PRIN		X	RTK	2
FUEL OIL			PRIN	NS	X	RTK,ERIS	8
GASOLINE	8006-61-9		PRIN		X	RTK	8
HELIUM	7440-59-7		PRIN	TW	X	RTK	10
NITROGEN	7727-37-9		PRIN		X	RTK	10
PETROLEUM OIL			PRIN		X	RTK	8
POLYCHLORINATED BIPHENYLS	1336-36-3		PRIN		X	RTK	1
SULFUR HEXAFLUORIDE	3584-28-5		PRIN		X	RTK	10
SULFURIC ACID	7664-93-9		PRIN		X	RTK	10

9713508.0016

ROCKY FLATS PLANT AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACENAPHTHENE	83-32-9	ACENAPHTHYLENE	RF	SW,GW,SD,AR		MEPA	6
ACETONE	67-64-1	DIMETHYL KETONE	RF	SW,GW,SD,AR,SO		RF1,MEPA	7
ACETYLENE	74-86-2	ETHINE	RF		X	T2	8
ALUMINUM	7429-90-5		RF	GW,SO,SW		RF1,MEPA	9
AMERICIUM 241	7440-35-9		RF	SW,GW,SO,AR,TW	X	RF1,RFA1,MEPA,E	11
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	RF	NS	X	T2,ERIS	10
ANTIMONY	7440-36-0	STIBIUM	RF	GW,SO		RF1	9
ARGON, LIQUID	7440-37-1		RF		X	T2	10
ARSENIC	7440-38-2		RF	SW,SO,GW		RF1,ERIS	9
BARIUM	7440-39-3		RF	TW,GW,SW,SO		RF1,ERIS	9
BENZENE	71-43-2	ANNULENE	RF	SW,GW,SD,AR		RFA1,MEPA	5
BENZO[a]ANTHRACENE	56-55-3	TETRAPHENE	RF	SO		RF1	6
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	RF	SO		RF1	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	RF	SO		RF1	6
BENZO[g,h,i]PERYLENE	191-24-2	1,12 BENZOPERYLENE	RF	SO		RF1	6
BENZO[k]FLUORANTHENE	207-08-9	DIBENZO[b,j,k]FLUORENE	RF	SO		RF1	6
BERYLLIUM	7440-41-7		RF	SW,GW,SO,AR		RF1,RFA1,MEPA	9
BICARBONATE			RF	GW,SW,SO		RF1	10
BORIC ACID	10043-35-3	ORTHOBORIC ACID	RF		X	T2	10
BORON	7440-42-8		RF	SW		RF1	10
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	RF	SW		RFA2	2
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	RF	SO		RF1	7
CADMIUM	7440-43-9		RF	SW,SO,GW		RF1,ERIS	9
CALCIUM	7440-70-2		RF	GW,SW,SO		RF1,ERIS	9
CALCIUM CHLORIDE	10043-52-4		RF		X	T2	9
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	RF	GW,SO		RF1	10
CARBONATE			RF	GW,SW		RF1	10
CEMENT, FINISHING			RF		X	T2	13
CEMENT, PORTLAND			RF		X	T2	13
CESIUM	7440-45-1		RF	GW,SW		RF1	9
CESIUM 137+D			RF	GW,SO		RF1,RFA1;MEPA	11
CHLORIDE	16887-00-6		RF	GW,SW,SO		RF1,ERIS	10
CHLORINE	7782-50-5		RF		X	T2	10
CHLORODIFLUOROMETHANE	74-45-6	FREON 22	RF		X	T2	2
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	RF	SW,GW		RF1,RFA2	2
CHLOROMETHANE	74-87-3	METHYL CHLORIDE	RF	SW,SO		RF1	2
CHROMIUM	7440-47-3		RF	GW,SW,SO		RF1	9
CHROMIUM (IV)	15723-28-1		RF	SW,GW,SO		ERIS,MEPA	9
COBALT	7440-48-4		RF	SW,GW,SO		RF1,MEPA	9
CYANIDE	57-12-5		RF	SW,GW,SO		RF1,RFA2,MEPA,E	10
DICHLORODIFLUOROMETHANE	75-71-8	FREON 12	RF		X	T2	2
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	RF	SW,GW		RF1,RFA2	2
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	RF	SW,GW,SO,AR		RF1,MEPA	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	RF	SW GW,SO,AR		RF1,RFA1,RFA2,M	2

DICHLOROETHYLENE, 1,2-	540-59-0		RF	SO,SW		RFA2	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	RF	SW,GW,SO,AR		MEPA	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	RF	SW,GW,SD,AR		RF1,MEPA	2
DICHLOROPHENOXYACETIC ACID, 2,4-	94-75-7	2,4-D, AMIDOX, ESTONE	RF	SW,GW,SO,SD,AR		MEPA	3
DIESEL FUEL			RF	SW,GW,SO		MEPA	8
DIESEL FUEL, #2	68476-30-2		RF		X	T2	8
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	RF		X	T2	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	RF	SW,GW,SD,AR		MEPA	5
FERRIC SULFATE	10028-22-5		RF		X	T2	9
FLUORANTHENE	206-44-0	IDRYL	RF	SO		RF1	6
FLUORENE	86-73-7		RF	NS		ERIS	6
FLUORIDE	7782-41-4		RF	GW		RFA1	10
FUEL OIL, #6			RF		X	T2	8
GASOLINE	8006-61-9		RF	SW,GW,SO		MEPA	8
GASOLINE, UNLEADED			RF		X	T2	8
GYPSUM CEMENT, ENVIROSTONE			RF		X	T2	13
HARSHAW CATALYST			RF		X	T2	12
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	RF		X	T2	10
HYDROCYANIC ACID	74-90-8		RF		X	T2	10
HYDROFLUORIC ACID	7664-39-3	HYDROGEN FLUORIDE	RF	NS	X	T2,ERIS	10
HYDROGEN 3	10028-17-8	TRITIUM	RF	SW,GW,SO,AR		RF1,RFA1,MEPA	11
HYDROGEN PEROXIDE	7742-84-1	PEROXIDE	RF	SO,NS	X	ERIS	10
HYDROGEN SULFIDE	7783-06-4		RF	NS		ERIS	10
INDENO[1,2,3-cd]PYRENE	193-39-5	o-PHENYLPYRENE	RF	SO		RF1	6
IRON	7439-89-6		RF	GW,SO,SW		RF1,MEPA	9
LEAD	7439-92-1		RF	TW,SO,GW,SW	X	RF1,ERIS,MEPA	9
LITHIUM	7439-93-2		RF	GW,SW		RF1,ERIS	9
MAGNESIUM	7439-95-4		RF	SW,GW,SO,AR		RF1,ERIS,MEPA	9
MAGNESIUM SULFATE	10034-99-8		RF		X	T2	9
MANGANESE	7439-96-5		RF	SW,GW,SO,AR		RF1,MEPA	9
MERCURY	7439-97-6		RF	SW,GW,SO,TW		RF1,MEPA,ERIS	9
METHANE	74-82-8	METHYL HYDRIDE	RF	NS		ERIS	8
MOLYBDENUM	7439-98-7		RF	SW,GW,SO		RF1,MEPA	9
NEPTUNIUM 237	13994-20-2		RF	SW,GW,SO,AR,TW		MEPA	11
NICKEL	7440-02-0	RANEY ALLOY	RF	GW,SW,SO		RF1	9
NICKEL CARBONYL	13463-39-3		RF	SO		RF1,ERIS	9
NITRATE	14797-55-8		RF	SW,GW,SO,AR,TW		RF1,ERIS,MEPA	10
NITRIC ACID	7697-37-2		RF		X	T2	10
NITRITE	14797-65-0		RF	GW,SW,SO		RF1	10
NITROGEN DIOXIDE	10102-44-0		RF		X	T2	10
NITROGEN OXIDE	10024-97-2		RF	NS		ERIS	10
NITROGEN, LIQUID	7727-37-9		RF		X	T2	10
PHENANTHRENE	85-01-8	PHENANTRIN	RF	SO		RF1	6
PHENOLS			RF	SW,SO		RF1	7
PHOSPHORIC ACID	7664-38-2		RF		X	T2	10
PLUTONIUM	7440-07-5		RF	SW,SO,TW,AR	X	RFA1,ERIS	9

97 3508.004

PLUTONIUM 238	13981-16-3		RF	AR		RFA1	11
PLUTONIUM 239	15117-48-3		RF	SW,GW,SO,SD,AR,TW		RF1,RFA1,MEPA	11
PLUTONIUM 240	14119-32-5		RF	AR,SW		RFA1	11
PLUTONIUM 241	14119-32-6		RF	AR		MEPA	11
POTASSIUM	7447-40-7		RF	GW,SW,SO		RF1	9
POTASSIUM HYDROXIDE	1310-58-3	POTASH LYE	RF	TW	X	T2,ERIS	9
PROTACTINIUM 233	13981-14-1		RF	SW,GW,SO,AR,TW		MEPA	11
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	RF	SO		RF1	6
RUBIDIUM	7440-17-7		RF	SO		RF1	9
SELENIUM	7782-49-2		RF	TW,GW,SO,SW		RF1,ERIS,MEPA	10
SILVER	7440-22-4		RF	GW,SO,TW,SW		RF1,MEPA,ERIS	9
SODIUM	7440-23-5		RF	GW,SW,SO		RF1	9
SODIUM CHLORIDE	7647-14-5		RF	SW,GW,SO,AR		MEPA	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	RF	TW		ERIS	9
STRONTIUM	10476-85-4		RF	GW,SW,SO		RF1	9
STRONTIUM 89	14158-27-1		RF	GW		RFA2	11
STRONTIUM 90	10098-97-2		RF	SW,GW,SO,AR,TW		RF1,MEPA	11
SULFATE	12808-79-8	SULFATE ION	RF	GW,SW,SO		RF1	10
SULFUR DIOXIDE	7446-09-5		RF		X	T2	10
SULFURIC ACID	7664-93-9		RF	TW,NS	X	T2,ERIS	10
TANATALUM	7440-25-7		RF	SO		RF1	9
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	RF	GW		RF1	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	RF	SW,GW,SO,AR	X	RF1,RFA2,ERIS,ME	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	RF	SW,GW,SO,AR	X	RF1,RFA2,MEPA,T	2
THALLIUM	7440-28-0		RF	GW,SO		RF1	9
THORIUM 230	14268-63-7		RF	SW,GW,SO,AR,TW		RF1,MEPA	11
TIN	7440-31-5		RF	SW,GW		RF1,RFA2	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	RF	SW,GW,SD,AR,SO		RF1,MEPA	5
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	RF	SW,GW,SO,SD,AR		RF1,MEPA	2
TRICHLOROETHANE, 1,1,2-	79-00-5	VINYL TRICHLORIDE	RF	GW,SO		RF1	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	RF	SW,GW,SO,SD,AR,TW	X	RF1,RFA2,ERIS,ME	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	RF	SW,GW,SO,AR		RF1,MEPA	2
URANIUM	7440-61-1		RF	SW,GW,SO,AR,TW	X	RF1,RFA1,ERIS,ME	9
URANIUM 233	13968-55-3		RF	SW,GW,SO,AR,TW		RF1,RFA1,MEPA	11
URANIUM 234	13966-29-5		RF	SW,GW,SO,AR,TW		RF1,RFA1,MEPA	11
URANIUM 235	15117-96-1		RF	SW,GW,SO,SD,AR,TW		RF1,MEPA	11
URANIUM 238	24678-82-8		RF	SW,GW,SO,AR,TW		RF1,RFA1,MEPA	11
VANADIUM	7440-62-2		RF	GW,SW,SO		RF1	9
XYLENE	1330-20-7	DIMETHYL BENZENE	RF	SW,GW,SD,AR		MEPA	5
YTTRIUM 90	10098-91-6		RF	SW,GW,SO,AR,TW		MEPA	11
ZINC	7440-66-6		RF	GW,SW,SO		RF1	9

SAVANNAH RIVER SITE AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	SAV	SW,GW,SO,AR,SD		MEPA,WS	7
ACETOPHENONE	98-86-2	METHYL PHENYL KETONE	SAV	GW		WS	7
ACRYLONITRILE	107-13-1	VINYL CYANIDE	SAV	GW		WS,SV3	7
ALUMINUM	7429-90-5		SAV	SW,GW,SO		MEPA,WS,SV2,SV3	9
AMERICIUM 241	7440-35-9		SAV	SW,GW,SO,AR		MEPA,WS,SV3,SV5	11
AMERICIUM 243	14993-75-0		SAV	SO,AR		SV3,SV5	11
AMMONIA	7664-41-7	AMMONIUM HYDROXIDE	SAV	SO,SW		SV3	10
ANTHRACENE	120-12-7	PARANAPHTHALENE	SAV	SD		WS	6
ANTIMONY	7440-36-0	STIBIUM	SAV	SO		WS,SV3	9
ANTIMONY 125	14234-35-6		SAV	GW			11
ARGON 41	14153-25-8		SAV	AR		SV3	11
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	SAV	SW,GW,SO,AR		MEPA	1
ARSENIC	7440-38-2		SAV	SW,GW,SO,AR,SD		MEPA,WS,SV2,SV3	9
ASBESTOS	332-21-4		SAV	SO		ERIS,WS,SV2	13
BARIUM	7440-39-3		SAV	GW,SO,SD,SW		ERIS,WS,MEPA,SV	9
BENZENE	71-43-2	ANNULENE	SAV	SW,GW,SO		MEPA,WS	5
BENZOIC ACID	65-85-0	PHENYL CARBOXYLIC ACID	SAV	SW,GW		MEPA	7
BENZO[a]PYRENE	50-32-8	3,4 BENZPYRENE	SAV	SW,GW,SO,AR		MEPA	6
BENZO[b]FLUORANTHENE	205-99-2	BENZ[e]ACEPHENANTHRYLEN	SAV	SW,GW,SO,AR		MEPA	6
BERYLLIUM	7440-41-7		SAV	GW,SD		SV2,SV3	9
BERYLLIUM 7	13966-02-4		SAV	AR		SV3	11
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	SAV	SO,GW		WS,SV3,SV5	7
BISMUTH	7440-69-9		SAV	SW,SD		SV2	9
BORON	7440-42-8		SAV	SW,SD		SV2	10
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	SAV	SW,GW		MEPA,SV3	7
BUTYL BENZYL PHTHALATE	85-68-7	PHTHALIC ACID	SAV	SO		SV5	7
CADMIUM	7440-43-9		SAV	GW,SO,SW,AR		ERIS,WS,MEPA,SV	9
CALCIUM	7440-70-2		SAV	GW,SO,SW		WS,SV2,SV3,SV4	9
CARBON 14	14762-75-5		SAV	SW,GW,SO,AR		MEPA,SV3,SV7	11
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	SAV	GW		SV3	10
CARBON, TOTAL ORGANIC			SAV	GW,SW		WS,SV2,SV3	8
CERIUM 141	13967-74-3		SAV	SW,AR		SV3	11
CERIUM 144	14762-78-8		SAV	SO,GW,AR,SW		SV3	11
CESIUM	7440-45-1		SAV	SW,GW		SV3,SV8	9
CESIUM 134	13967-70-9		SAV	GW,SO,AR,SW		WS,SV3	11
CESIUM 137	10045-97-3		SAV	GW,SO,SD,AR,SW	X	WS,SV3,SV5,SV6,S	11
CESIUM 137+D			SAV	SW,GW,SO,AR		MEPA	11
CHLORIDE	16887-00-6		SAV	SW,GW		WS,SV2,SV3	10
CHLORINE	7782-50-5		SAV	SW,GW		SV2	10
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	SAV	SW,GW,SO,AR		MEPA,WS,SV3	1
CHLOROETHANE	75-00-3	ETHYL CHLORIDE	SAV	GW		SV3	2
CHLOROETHYLENE	75-01-4	VINYL CHLORIDE	SAV	GW,SO,SW		WS,MEPA,SV3	2
CHROMIUM (IV)	15723-28-1		SAV	SW,GW,SO,AR,SD,TW		WS,ERIS MEPA,SV	9
CHROMIUM (VI)	18540-29-9		SAV	SW		SV3	9

97135081.0048

CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	SAV	SW,GW,SO,AR		MEPA	6
COBALT	7440-48-4		SAV	SW,SD,GW		SV2,SV3,SV8	9
COBALT 58	13981-38-9		SAV	SW		SV3	11
COBALT 60	10198-40-0		SAV	SW,GW,SO,AR,SD	X	WS,MEPA,SV3,SV5	11
COPPER	7440-50-8		SAV	SW,GW,SO		MEPA,WS,SV2,SV3	9
CURIUM 242	15510-73-3		SAV	AR		SV3	11
CURIUM 243	15757-87-6		SAV	SO		WS	11
CURIUM 244	13981-15-2		SAV	SW,GW,SO,AR		WS,MEPA,SV3	11
CYANIDE	57-12-5		SAV	SO,GW		ERIS,WS,SV2,SV3,	10
DDD, 4,4,4-	72-54-8		SAV	SD		SV3	3
DI-n-BUTYL PHTHALATE	84-74-2	BENZENE-o-DICARBOXYLIC AC	SAV	SD,SO		WS,SV5	7
DI-n-OCTYL PHTHALATE	117-84-0	DIOCTYL-o-BENZENE DICARBO	SAV	GW		SV3	7
DIBROMOCHLOROMETHANE	594-18-3		SAV	GW		SV3	2
DICHLORO-2,2-b,3(p-CHLOROPHENYL)ETHYLENE, 1,1-	72-55-9	4,4' DDE	SAV	SD		SV3	3
DICHLOROBENZENE, 1,2-	95-50-1	DOWTHERM E	SAV	SW,GW,SO,AR		WS,MEPA	1
DICHLOROBENZENE, 1,3-	541-73-1		SAV	SW		WS	1
DICHLOROBENZENE, 1,4-	106-46-7	PARACIDE, PDB	SAV	SW,GW,SO,AR		MEPA,SV3	1
DICHLORODIPHENYLTRICHLOROETHANE	50-29-3	DDT	SAV	SW,GW,SO,AR,SD		MEPA,SV3	3
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	SAV	SW,GW,SO,AR		WS,MEPA,SV3	2
DICHLOROETHYLENE	72-55-9	DDE	SAV	SO		WS	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	SAV	SW,GW		WS,MEPA,SAV3,SV	2
DICHLOROETHYLENE, 1,2-	540-59-0		SAV	GW		SV3,SV5	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	SAV	SW,GW,SO,AR		WS,MEPA,ERIS,SA	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	SAV	GW,SO,SW		ERIS,WS,SV5	2
DICHLOROPHENOXYACETIC ACID, 2,4-	94-75-7	2,4-D, AMIDOX, ESTONE	SAV	SW,GW,SO,SD		MEPA,SV2,SV3	3
DIELDRIN	60-57-1		SAV	SD		SV3	3
DIESEL FUEL			SAV	SW,GW,SO,AR		MEPA	8
DIETHYL PHTHALATE	84-66-2	NEANTINE, SOLVANOL	SAV	GW		SV3	7
DIETHYL-O-p-NITROPHENYL PHOSPHOROTHIOATE, 0,0-	56-38-2	PARATHION	SAV	SD,SW		WS,SV3	3
DIMETHYL PHTHALATE	131-11-3		SAV	GW		SV3	7
DIMETHYL-O-p-NITROPHENYL PHOSPHOROTHIOATE, 0,0-	298-00-0	METHYL PARATHION	SAV	SW		SV3	3
ENDOSULFAN, alpha			SAV	GW,SD		SV2,SV3	3
ENDRIN ALDEHYDE	7421-93-4		SAV	SD		SV3	3
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	SAV	SO,GW		WS,SV3	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	SAV	SW,GW		MEPA	5
ETHYLENE	74-85-1	ETHENE	SAV	SO		WS	8
EUROPIUM 152	14683-23-9		SAV	SO			11
EUROPIUM 154	15585-10-1		SAV	SO			11
EUROPIUM 155	14391-16-3		SAV	SW,GW		MEPA	11
FLUORANTHENE	206-44-0	IDRYL	SAV	SW,GW,SO,AR		MEPA	6
FLUORENE	86-73-7		SAV	SD		WS	6
FLUORIDE	7782-41-4		SAV	SW,GW,SO		MEPA,SV2,SV3,SV	10
FLUOROTRICHLOROMETHANE	75-69-4	FREON 11	SAV	GW		SV3	2
FREON			SAV	SO			2
FUEL OIL #2	68476-34-6		SAV	SW,GW		MEPA	8
GASOLINE	8006-61-9		SAV	SW,GW,SO,AR		MEPA	8

HALOGEN, TOTAL ORGANIC			SAV	GW		WS,SV3	10
HEPTACHLOR	76-44-8		SAV	GW,SW,SD		SV3	3
HEPTACHLOR EPOXIDE	1024-57-3		SAV	GW		SV2	3
HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4:5,8-DIMETHANON	309-00-2	ALDRIN	SAV	SW,SD,GW		SV3	3
HEXACHLORO-6,7-EPOXY-5,6,7,8,9,10,11,11-OCTAHYDRO-1,4-en	72-20-8	ENDRIN	SAV	GW,SO,SD		WS,SV3	3
HEXACHLOROBIPHENYL	26601-64-9		SAV	SO			1
HEXACHLOROCYCLOHEXANE, beta-	319-85-7	beta-BHC	SAV	GW		SV3	3
HEXACHLOROCYCLOHEXANE, delta-			SAV	GW		SV3	3
HEXACHLOROCYCLOHEXANE, gamma	58-89-9	LINDANE	SAV	GW		SV3	3
HYDROCARBONS, LIGHT			SAV	SO		WS	8
HYDROCARBONS, TOTAL PETROLEUM			SAV	SO		WS	8
HYDROGEN 3	10028-17-8	TRITIUM	SAV	SW,GW,SO,AR,SD	X	WS,MEPA,SV3,SV5	11
HYDROGEN SULFIDE	7783-06-4		SAV	GW		ERIS,WS	10
IODINE 129	15046-84-1		SAV	SW,GW,SO,AR,SD	X	WS,MEPA,SV3,SV7	11
IODINE 131	10043-66-0		SAV	AR		SV3	11
IRON	7439-89-6		SAV	SW,GW,SO,AR,SD		WS,MEPA,SV2,SV3	9
ISOBUTYL ALCOHOL	78-83-1	ISOBUTANOL	SAV	SW,GW		MEPA	7
KEROSENE	8008-20-6		SAV	SO		WS	8
KRYPTON 85	13983-27-2		SAV	AR		SV3	11
KRYPTON 85m			SAV	AR		SV3	11
KRYPTON 87	14809-68-8		SAV	AR		SV3	11
KRYPTON 88	14995-61-0		SAV	AR		SV3	11
LANTHANUM	7439-91-0		SAV	SW		SV2	9
LEAD	7439-92-1		SAV	SW,GW,SO,AR,SD		WS,ERIS,MEPA,SV	9
LEAD 212	15092-94-1		SAV	NS		WS	11
LITHIUM	7439-93-2		SAV	SO,SW,SD		WS,SV2	9
MAGNESIUM	7439-95-4		SAV	SO,GW,SW		WS,SV2,SV3,SV4	9
MANGANESE	7439-96-5		SAV	GW,SO,SW,SD		WS,SV2,SV3	9
MANGANESE 54	13966-31-9		SAV	AR		SV3	11
MERCURY	7439-97-6		SAV	SW,GW,SO,AR,SD		WS,ERIS,MEPA,SV	9
METHANE	74-82-8	METHYL HYDRIDE	SAV	SO		WS	8
METHYLNAPHTHALENE, 2-	91-57-6	METHYLNAPHTALEN	SAV	SW,GW		MEPA	6
MOLYBDENUM	7439-98-7		SAV	SW,SD		SV2	9
N-NITRODOSIPHENYLAMINE	86-30-6	REDAX	SAV	SW,GW,SO,AR		MEPA	4
NAPHTHALENE	91-20-3	CAMPHOR TAR	SAV	SW,GW,SO,AR		WS,MEPA	6
NAPHTHALENE FLUID			SAV	NS		WS	6
NEPTUNIUM 237	13994-20-2		SAV	SW,GW,SO,AR		MEPA	11
NICKEL	7440-02-0	RANEY ALLOY	SAV	SW,GW,SO,AR		WS,ERIS,MEPA,SV	9
NICKEL 63	13981-37-8		SAV	SW,GW,SO,AR		MEPA	11
NIOBIUM 95	13967-76-5		SAV	SO,AR,SW		SV3	11
NITRATE	14797-55-8		SAV	GW,SO,SW,AR		WS,MEPA,SV2,SV3	10
NITRIC ACID	7697-37-2		SAV	SW,GW,SO,AR		MEPA	10
NITROGEN	7727-37-9		SAV	SO,SW		SV2,SV3,SV4	10
OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE,	57-74-9	CHLORDANE	SAV	SW,GW,SO,AR,SD		MEPA,WS,ERIS,SV	3
OIL			SAV	SO		ERIS,WS	8
OSMIUM 185			SAV	AR		SV3	11

97135508.0049

PENTACHLOROBIPHENYL	25429-29-2	PYROCLOR 5	SAV	SO			1
PHENANTHRENE	85-01-8	PHENANTRIN	SAV	SW,GW,SO,AR		MEPA	6
PHENOL	108-95-2	CARBOLIC ACID	SAV	SW,GW		WS,MEPA,SV5	7
PHENOLS			SAV	SO,GW		WS,SV2,SV3	7
PHOSPHATE	7601-54-9		SAV	SO,SW,GW		SV2,SV3,SV5	10
PHOSPHORUS	7723-14-0		SAV	SW,SD		SV2,SV3	10
PLUTONIUM	7440-07-5		SAV	SW,GW		SV3,SV7,SV8	9
PLUTONIUM 238	13981-16-3		SAV	SW,GW,SO,AR,SD		MEPA,SV3,SV5,SV	11
PLUTONIUM 239	15117-48-3		SAV	SW,GW,SO,AR,SD		WS,MEPA,SV3,SV5	11
PLUTONIUM 240	14119-32-5		SAV	SW,GW,SO,AR		WS,MEPA,SV3,SV5	11
PLUTONIUM 241	14119-32-6		SAV	SW,GW,SO,AR		MEPA	11
POLYCHLORINATED BICYCLIC TERPENES	8001-35-2	TOXAPHENE	SAV	GW,SO			3
POLYCHLORINATED BIPHENYLS	1336-36-3		SAV	SO,GW,SD		WS,SV3	1
POTASSIUM	7447-40-7		SAV	GW,SO,SW,SD		WS,SV2,SV3,SV4	9
POTASSIUM 40	13966-00-2		SAV	SD		WS,SV3	11
PROMETHIUM 147	7440-12-2		SAV	SO			11
PROPANOL, 2-	127-00-4	ISOPROPYL ALCOHOL	SAV	SW,GW		MEPA	7
PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)	93-72-1	SILVEX	SAV	GW,SO,SW		SV2,SV3	3
PROPYLENE	115-07-1	PROPENE	SAV	SO		WS	8
PROTACTINIUM 233	13981-14-1		SAV	SW,GW,SO,AR		MEPA	11
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	SAV	SD,SO,SW,GW		WS,MEPA	6
RADIUM (TOTAL ACTIVITY)	15623-45-7		SAV	GW,SO,SD		WS,SV2,SV3	11
RADIUM 226	13982-63-3		SAV	SO		SV3	11
RADIUM 228	15262-20-1		SAV	SO		WS	11
RADIUM 229			SAV	SO		SV3	11
RUTHENIUM	7440-18-8		SAV	SW,SD		SV2	9
RUTHENIUM 103	13968-53-1		SAV	GW,AR,SW		SV3	11
RUTHENIUM 106	13967-48-1		SAV	SW,GW,SO,AR		MEPA,SV3	11
S-(1,2-CARBOXYETHYL)-0,0-DIMETHYLDITHIOPHOSPHATE	121-75-5	MALATHION	SAV	SD		SV3	1
SAMARIUM 151	15705-94-3		SAV	SW,GW,SO,AR		MEPA	11
SCINTILLATION FLUID			SAV	NS		WS	6
SELENIUM	7782-49-2		SAV	GW,SO		WS,SV2,SV3,SV5	10
SELENIUM 75	14265-71-5		SAV	AR		SV3	11
SEMI-VOLATILE ORGANICS			SAV	SO,GW		WS	7
SEMI-VOLATILE PHENOLICS			SAV	SO		WS	7
SILICA	7631-86-9		SAV	GW		WS,SV3	10
SILICON	7440-21-3		SAV	SW		SV2	10
SILVER	7440-22-4		SAV	SW,GW,SO,AR,SD		WS,ERIS,MEPA,SV	9
SODIUM	7440-23-5		SAV	GW,SO,SW,SD		WS,SV2,SV3,SV4,S	9
SODIUM CHLORIDE	7647-14-5		SAV	SW,GW		MEPA	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	SAV	NS		WS	9
STRONTIUM	10476-85-4		SAV	SW,GW		SV2,SV8	9
STRONTIUM 89	14158-27-1		SAV	GW,SO,AR,SW,SD		SV3	11
STRONTIUM 90	10098-97-2		SAV	SW,GW,SO,AR,SD	X	WS,MEPA,SV3,SV5	11
SULFATE	12808-79-8	SULFATE ION	SAV	GW,SO,SW		WS,MEPA,SV2,SV3	10
SULFIDE	18496-25-8		SAV	GW		SV3	10

SURFACTANTS			SAV	GW		WS	7
TECHNECIUM 99	14133-76-7		SAV	SW,GW,SO,AR		MEPA,SV3,SV5,SV	11
TETRACHLOROBIPHENYL	26914-33-0		SAV	SO			1
TETRACHLOROETHANE, 1,1,1,2-	630-20-6		SAV	GW		SV3	2
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	CELLON	SAV	GW		SV3	2
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	SAV	SW,GW,SO,AR		WS,ERIS,MEPA,SV	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	SAV	SW,GW,SO,AR	X	MEPA,WS,ERIS,SV	2
THALLIUM	7440-28-0		SAV	SO,GW		WS,SV3	9
THORIUM 228	14274-82-9		SAV	SO			11
THORIUM 230	14268-63-7		SAV	SW,GW,SO,AR		MEPA	11
THORIUM 232			SAV	SW,GW		MEPA	11
THORIUM 233			SAV	SO		SV3	11
THORIUM 234	15065-10-8		SAV	SW,GW,SO,AR		MEPA	11
TIN	7440-31-5		SAV	SO,SD,SW		SV2	9
TITANIUM	7440-32-6		SAV	SO,SW,SD		SV2	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	SAV	SW,GW,SO,AR		WS,ERIS,MEPA,SV	5
TRIBROMOMETHANE	75-25-2	BROMOFORM	SAV	SW		WS	2
TRIBUTYL PHOSPHATE	126-73-8	CELLUPHOS 4	SAV	SW,GW,SO,AR		WS,MEPA	7
TRICHLORO-2,2-BIS(p-METHOXYPHENYL)ETHANE, 1,1,1-	72-43-5	METHOXYCHLOR	SAV	GW			3
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	SAV	SW,GW,SO,AR,SD	X	WS,MEPA,ERIS,SV	2
TRICHLOROETHANE, 1,1,2-	79-00-5	VINYL TRICHLORIDE	SAV	GW		SV3	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	SAV	SW,GW,SO,AR	X	WS,ERIS,MEPA,SV	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	SAV	SW,GW,SO,AR		WS,MEPA,SV3,SV5	2
TRIMETHYLBENZENE	25551-13-7		SAV	SW,GW,SO,AR		MEPA	1
TUNGSTEN	7440-33-7		SAV	SD		SV2	9
URANIUM	7440-61-1		SAV	SW,GW,SO,AR		MEPA,SV2,SV3,SV	9
URANIUM 233	13968-55-3		SAV	SW,GW,SO,AR		MEPA,SV3	11
URANIUM 234	13966-29-5		SAV	SW,GW,SO,AR		MEPA,SV3	11
URANIUM 235	15117-96-1		SAV	SW,GW,SO,AR		WS,MEPA,SV3,SV5	11
URANIUM 236	13982-70-2		SAV	SW,GW,SO,AR		MEPA	11
URANIUM 238	24678-82-8		SAV	SW,GW,SO,AR		WS,MEPA,SV3,SV5	11
VANADIUM	7440-62-2		SAV	SO,SW,SD,GW		WS,SV2,SV3,SV4	9
VINYL ACETATE	108-05-4	VINYL ETHANOATE	SAV	GW		SV3	7
VOLATILE ORGANICS			SAV	SO,GW		WS	7
XENON 131m			SAV	AR		SV3	11
XENON 133	14932-42-4		SAV	AR		SV3	11
XENON 135	14995-62-1		SAV	AR		SV3	11
XYLENE	1330-20-7	DIMETHYL BENZENE	SAV	SW,GW,SO,AR		MEPA	5
XYLENE, o-	95-47-6		SAV	SO		WS	5
XYLENES, isomer mix	1330-20-7		SAV	SO		ERIS,WS	5
YTTRIUM	7440-65-5		SAV	SW		SV2	9
YTTRIUM 90	10098-91-6		SAV	SW,GW,SO,AR		MEPA	11
ZINC	7440-66-6		SAV	GW,SO,SW,SD		WS,SV2,SV3,SV4,S	9
ZINC COMPOUNDS	7646-85-7		SAV	SW,GW,SO,AR		MEPA	9
ZIRCONIUM	7440-67-7		SAV	SW,SD		SV2	9
ZIRCONIUM 95	13967-71-0		SAV	AR,SW		SV3	11

9713508.0050

SANDIA NATIONAL LABORATORY - ALBUQUERQUE AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	SNLA	GW,SO,SD,AR		MEPA	7
AMERICIUM 241	7440-35-9		SNLA	GW,SO,SD,AR		MEPA	11
ANTIMONY	7440-36-0	STIBIUM	SNLA	GW,SD		MEPA	9
AROCLOR 1260 (PCB)	11096-82-5	PCB 1260	SNLA	GW,SO,AR		MEPA	1
ARSENIC	7440-38-2		SNLA	GW,SO,SD		SA1,SA2,MEPA	9
BARIUM	7440-39-3		SNLA	GW,SD,AR,SO		SA1,SA2,MEPA	9
BENZENE	71-43-2	ANNULENE	SNLA	GW,SO,AR		MEPA	5
BERYLLIUM	7440-41-7		SNLA	GW,SO,AR		MEPA	9
BICARBONATE			SNLA	GW		SA1	10
BROMINE	7726-95-6		SNLA	TW	X	SA2	10
BROMODICHLOROMETHANE	75-27-4	DICHLOROBROMOMETHANE	SNLA	GW,SO,AR		MEPA	2
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	SNLA	GW,SO,SD		SA1,MEPA	7
CADMIUM	7440-43-9		SNLA	GW,SD,AR,SO		SA1,SA2,MEPA	9
CALCIUM	7440-70-2		SNLA	GW		SA1	9
CARBON 14	14762-75-5		SNLA	GW,SD		MEPA	11
CARBON DISULFIDE	75-15-0	CARBON BISULFIDE	SNLA	GW,SD,AR		MEPA	10
CESIUM 134	13967-70-9		SNLA	GW,SD		MEPA	11
CESIUM 137+D			SNLA	GW,SO,SD,AR		SA2,MEPA	11
CHLORIDE	16887-00-6		SNLA	GW		SA1	10
CHLORINE	7782-50-5		SNLA	GW,SO,AR		SA2,MEPA	10
CHLOROBENZENE	108-90-7	PHENYL CHLORIDE	SNLA	GW,SO,SD		MEPA	1
CHLOROMETHANE	74-87-3	METHYL CHLORIDE	SNLA	GW,SD		MEPA	2
CHROMIUM	7440-47-3		SNLA	SO,GW		SA1,SA2	9
CHROMIUM (III)	16065-83-1		SNLA	GW,SD,AR		MEPA	9
CHROMIUM (IV)	15723-28-1		SNLA	GW,SO,SD,AR		MEPA	9
COBALT 60	10198-40-0		SNLA	GW,SO,SD,AR		MEPA	11
DICHLOROETHANE, 1,2-	107-06-2	ETHYLENE DICHLORIDE	SNLA	GW,SD		MEPA	2
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	SNLA	GW,SO,AR		SA1,MEPA	2
DIESEL FUEL			SNLA	GW,SO,AR	X	SA2,MEPA	8
ETHANEDIOL, 1,2-	107-21-1	ETHYLENE GLYCOL	SNLA	GW,SO,AR		MEPA	7
ETHYLBENZENE	100-41-4	PHENYLETHANE	SNLA	GW,SO,SD,AR		MEPA	5
FLUORIDE	7782-41-4		SNLA	GW		SA1	10
FLUORINE	7782-41-4		SNLA	GW		SA2	10
FUEL OIL #2	68476-34-6		SNLA	GW	X	SA2,MEPA	8
GASOLINE	8006-61-9		SNLA	GW	X	SA2,MEPA	8
HYDRAULIC FLUID			SNLA	GW	X	SA2,MEPA	8
HYDROCHLORIC ACID	7647-01-0	HYDROGEN CHLORIDE	SNLA	AR	X	SA2,TCRI	10
HYDROGEN 3	10028-17-8	TRITIUM	SNLA	GW,SO,SD,AR,TW,SW	X	SA2,MEPA	11
IRON	7439-89-6		SNLA	GW,SO,AR		SA1,SA2,MEPA	9
KEROSENE	8008-20-6		SNLA	GW,SO,AR		MEPA	8
LEAD	7439-92-1		SNLA	GW,SO,SD,AR		SA1,SA2,MEPA	9
MAGNESIUM	7439-95-4		SNLA	GW		SA1	9
MANGANESE	7439-96-5		SNLA	GW		SA1,SA2	9
MERCURY	7439-97-6		SNLA	GW,SO,SD,AR		SA1,MEPA	9

MINERAL OIL	8012-95-1	KAYDOL, PAROLEINE	SNLA	GW	X	SA2,MEPA	8
MINERAL SPIRITS	8030-30-6	BENZINE, PETROLEUM SPIRITS	SNLA	GW,SO,AR		MEPA	8
MOTOR OIL			SNLA	GW,SO,AR		MEPA	8
NEPTUNIUM 237	13994-20-2		SNLA	GW,SO,SD,AR		MEPA	11
NICKEL	7440-02-0	RANEY ALLOY	SNLA	GW,SD,AR		MEPA	9
NITRATE	14797-55-8		SNLA	GW,AR		SA1,SA2,MEPA	10
OIL			SNLA	TW	X	SA2	8
PHENOL	108-95-2	CARBOLIC ACID	SNLA	GW,SD,AR		SA2,MEPA	7
PHENOLICS			SNLA	GW		SA1	7
PLUTONIUM 239	15117-48-3		SNLA	GW,SO,AR		MEPA	11
POTASSIUM	7447-40-7		SNLA	GW		SA1	9
POTASSIUM 40	13966-00-2		SNLA	SO		SA2	11
PROTACTINIUM 233	13981-14-1		SNLA	GW,SO,SD,AR		MEPA	11
RADIUM 226	13982-63-3		SNLA	GW		SA1	11
RADIUM 228	15262-20-1		SNLA	GW		SA1	11
SELENIUM	7782-49-2		SNLA	GW		SA2	10
SILVER	7440-22-4		SNLA	GW,SD,AR,SO		SA1,SA2,MEPA	9
SODIUM	7440-23-5		SNLA	GW		SA1,SA2	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	SNLA		X	SA2	9
STRONTIUM 90	10098-97-2		SNLA	GW,SO,SD,AR		MEPA	11
SULFATE	12808-79-8	SULFATE ION	SNLA	GW		SA1,SA2	10
SULFURIC ACID	7664-93-9		SNLA	GW		MEPA	10
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	SNLA	GW,SO,SD,AR		MEPA	2
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	SNLA	GW,SO,SD,AR		MEPA	5
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	SNLA	GW,SO,AR		MEPA	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	SNLA	GW,SO,AR		SA1,MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	SNLA	GW,SO,AR		MEPA	2
TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	SNLA	GW,SO,SD		SA1,MEPA	2
URANIUM	7440-61-1		SNLA	GW,SO,AR,SW		SA2,MEPA	9
URANIUM 233	13968-55-3		SNLA	GW,SO,SD,AR		MEPA	11
URANIUM 235	15117-96-1		SNLA	GW,SO,AR		MEPA	11
URANIUM 238	24678-82-8		SNLA	GW,SO,AR		MEPA	11
XYLENE	1330-20-7	DIMETHYL BENZENE	SNLA	GW,SO,SD		MEPA	5
YTTRIUM 90	10098-91-6		SNLA	GW,SO,SD,AR		MEPA	11

97/350B.005

SANDIA NATIONAL LABORATORY - LIVERMORE AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ACETONE	67-64-1	DIMETHYL KETONE	SNLL	SW,GW,SO,AR		MEPA	7
ALUMINUM	7429-90-5		SNLL	SO		SL1	9
ANTIMONY	7440-36-0	STIBIUM	SNLL	SO		SL1	9
ARSENIC	7440-38-2		SNLL	SW,GW,SO,AR		SL1,MEPA	9
BARIUM	7440-39-3		SNLL	SO		SL1	9
BENZENE	71-43-2	ANNULENE	SNLL	SO,GW		SL1	5
BERYLLIUM	7440-41-7		SNLL	SO		SL1	9
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	DIOCTYL PHTHALATE	SNLL	GW		SL1	7
BUTANONE, 2-	78-93-3	METHYL ETHYL KETONE	SNLL	SW,GW,SO,AR		MEPA	7
CADMIUM	7440-43-9		SNLL	SW,GW,SO,AR		SL1,MEPA	9
CALCIUM	7440-70-2		SNLL	SO,GW		SL1	9
CHROMIUM	7440-47-3		SNLL	GW,SO		SL1	9
CHROMIUM (IV)	15723-28-1		SNLL	SW,GW,SO,AR		MEPA	9
COBALT	7440-48-4		SNLL	SO		SL1	9
COPPER	7440-50-8		SNLL	SW,GW,SO,AR		SL1,MEPA	9
DICHLOROMETHANE	75-09-2	METHYLENE CHLORIDE	SNLL	GW,SO,AR		ERIS,SL1,MEPA	2
DIESEL FUEL			SNLL	SW,GW,SO,AR	X	MEPA	8
DIESEL FUEL, #2	68476-30-2		SNLL	NS	X	ERIS	8
ETHYLBENZENE	100-41-4	PHENYLETHANE	SNLL	SO		SL1	5
FUEL OIL #2	68476-34-6		SNLL	SW,GW,SO,AR	X	T2,MEPA	8
GASOLINE	8006-61-9		SNLL	SW,GW,SO,AR		MEPA	8
GASOLINE, UNLEADED			SNLL		X	T2	8
HYDROCARBONS, PETROLEUM			SNLL	SO		ERIS,SL1	8
HYDROGEN 3	10028-17-8	TRITIUM	SNLL	SW,GW,SO,AR		MEPA	11
IRON	7439-89-6		SNLL	SO,GW		SL1	9
LEAD	7439-92-1		SNLL	SW,GW,SO,AR		SL1,MEPA	9
LITHIUM HYDROXIDE	1310-65-2		SNLL	GW,SO,AR		MEPA	9
MAGNESIUM	7439-95-4		SNLL	SW,SO		SL1	9
MANGANESE	7439-96-5		SNLL	SW,SO		SL1	9
MERCURY	7439-97-6		SNLL	SO,GW		SL1	9
METHYL-2-PENTANONE, 4-	108-10-1	METHYL ISOBUTYL KETONE, H	SNLL	GW,SO,AR		MEPA	7
METHYLNAPHTHALENE, 2-	91-57-6	METHYLNAPHTALEN	SNLL	SO		SL1	6
NICKEL	7440-02-0	RANEY ALLOY	SNLL	SO		SL1	9
POTASSIUM	7447-40-7		SNLL	SO,SW,GW		SL1	9
POTASSIUM HYDROXIDE	1310-58-3	POTASH LYE	SNLL	GW,SO,AR		MEPA	9
SILVER	7440-22-4		SNLL	SW,GW,SO,AR		SL1,MEPA	9
SODIUM	7440-23-5		SNLL	SW,GW		SL1	9
SODIUM HYDROXIDE	1310-73-2	SODA LYE	SNLL	GW,SO,AR		MEPA	9
SULFURIC ACID	7664-93-9		SNLL		X	T2	10
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	SNLL	SO		SL1	2
THALLIUM	7440-28-0		SNLL	SO		SL1	9
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	SNLL	GW,SO,AR		SL1,MEPA	5
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	FREON 113	SNLL	SO		ERIS	2
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	SNLL	SW,GW,SO,AR		ERIS,MEPA	2

TRICHLOROMETHANE	67-66-3	CHLOROFORM, FREON 20	SNLL	SW,GW,SO,AR		MEPA	2
URANIUM 238	24678-82-8		SNLL	SO			11
VANADIUM	7440-62-2		SNLL	SO		SL1	9
XYLENE	1330-20-7	DIMETHYL BENZENE	SNLL	SO		SL1	5
ZINC	7440-66-6		SNLL	SO		SL1	9

9713508.0052

SANTA SUSANA FIELD LABORATORY AS OF DECEMBER 1992

NAME	CAS #	SYNONYM	FACILI	MEDIUM	ST	SOURCE	GR
ASBESTOS (CROC)	12001-28-4	CROCIDOLITE	SSFL	SW,GW,SO,AR		MEPA	13
CADMIUM	7440-43-9		SSFL	GW,SO,AR		MEPA	9
CESIUM 137+D			SSFL	GW,SO,AR		MEPA	11
CHROMIUM (III)	16065-83-1		SSFL	GW,SO,AR		MEPA	9
CHRYSENE	218-01-9	BENZO(2)PHENANTHRENE	SSFL	SW,GW,SO,AR		MEPA	6
COPPER	7440-50-8		SSFL	GW,SO,AR		MEPA	9
DICHLOROETHANE, 1,1-	75-34-3	CHLORURE	SSFL	GW,SO,AR		MEPA	2
DICHLOROETHYLENE, 1,1-	75-35-4	VINYLIDINE CHLORIDE	SSFL	GW,SO,AR		MEPA	2
DICHLOROETHYLENE, 1,2-trans-	156-60-5	TRANS-DICHLOROETHYLENE	SSFL	GW,SO,AR		MEPA	2
DIESEL FUEL			SSFL	GW,SO,AR		MEPA	8
FLUORANTHENE	206-44-0	IDRYL	SSFL	SW,GW,SO,AR		MEPA	6
LEAD	7439-92-1		SSFL	GW,SO,AR		MEPA	9
LEAD 210	14255-04-0		SSFL	SO,AR		MEPA	11
MINERAL OIL	8012-95-1	KAYDOL, PAROLEINE	SSFL	GW,SO,AR		MEPA	8
MOTOR OIL			SSFL	SW,GW,SO,AR		MEPA	8
NICKEL	7440-02-0	RANEY ALLOY	SSFL	GW,SO,AR		MEPA	9
PHENANTHRENE	85-01-8	PHENANTRIN	SSFL	SW,GW,SO,AR		MEPA	6
POLONIUM 210	13981-52-8		SSFL	SO,AR		MEPA	11
POTASSIUM HYDROXIDE	1310-58-3	POTASH LYE	SSFL	SW,GW,SO,AR		MEPA	9
PYRENE	129-00-0	BENZO[d,e,f]PHENANTHRENE	SSFL	SW,GW,SO,AR		MEPA	6
RADIUM 226	13982-63-3		SSFL	SO,AR		MEPA	11
SODIUM HYDROXIDE	1310-73-2	SODA LYE	SSFL	SW,GW,SO,AR		MEPA	9
STRONTIUM 90	10098-97-2		SSFL	SO,AR		MEPA	11
TETRACHLOROETHYLENE	127-18-4	PERCHLOROETHYLENE, ANKIL	SSFL	GW,SO,AR		MEPA	2
TETRACHLOROMETHANE	56-23-5	CARBON TETRACHLORIDE,FRE	SSFL	GW,SO,AR		MEPA	2
TOLUENE	108-88-3	TOLUOL, METHYL BENZENE	SSFL	SW,GW,SO,AR		MEPA	5
TRICHLOROETHANE, 1,1,1-	71-55-6	METHYL CHLOROFORM	SSFL	GW,SO,AR		MEPA	2
TRICHLOROETHYLENE	79-01-6	VITRAN, TCE	SSFL	GW,SO,AR		MEPA	2
TRICHLOROMONOFLUOROMETHANE	75-69-4	FREON 11, ARCTON 9	SSFL	GW,SO,AR		MEPA	2
YTTRIUM 90	10098-91-6		SSFL	SO,AR		MEPA	11

9713508.0053

APPENDIX B

APPENDIX B: REFERENCES

Various references were used to compile the Chemicals of Interest Spreadsheet. The following is a list in alphabetical order of official references as well as various data sheets that were obtained for this effort.

ANL **Golchert, N. W., and T. L. Duffy. 1989.** *Argonne National Laboratory-East Site Environmental Report for Calendar Year 1988.* ANL-89/8, Argonne National Laboratory, Argonne, IL.

BNL1 **Miltenberger, R. P., B. A. Royce, and J. R. Naidu. 1989.** *Brookhaven National Laboratory Site Report for Calendar year 1988.* BNL-52207, Brookhaven National Laboratory, Upton, NY.

BNL2 **Miltenberger, R. P., B. A. Royce, S. S. Chalasani, D. Morganelli, and J. R. Naidu. 1990.** *Brookhaven National Laboratory Site Report for Calendar year 1989.* BNL-52264, Brookhaven National Laboratory, Upton, NY.

CPC Chemicals of Potential Concern at Fernald

CPCO Contaminants of Potential Concern at ORO Facilities

ERIS Contaminants by installation data from ERIS database

FER1 **Solow, A. J., and D. R. Phoenix. 1987.** *Characterization Investigation Study, Volumes 1-3: Chemical and Radiological Analyses of the Waste Storage Pits.* FMPC/Sub 008, Vol. 1, 2, and 3, Feed Materials Production Center, Westinghouse Materials Company of Ohio, Cincinnati, OH.

FER2 **Sedam, A. C. 1984.** *Occurrence of Uranium in Ground Water in the Vicinity of the U. S. Department of Energy Feed Materials Production Center, Fernald, Ohio.* DOE/OR/20998-T1, U.S. Department of Energy, Columbus, OH.

FER3 **Gels, G. L., M. L. Grib, and J. S. Oberjohn. 1989.** *Feed Materials Production Center, Environmental Monitoring Annual Report for 1988.* FMPC-2173, Westinghouse Materials Company of Ohio, Cincinnati, OH.

FER4 **Dugan, T. A., G. L. Gels, J. S. Oberjohn, and L. K. Rogers. 1990.** *Feed Materials Production Center Annual Environmental Report for Calendar Year 1989.* FMPC-2200, DE91 004533, Environmental Management Department, Westinghouse Materials Company of Ohio, Cincinnati, OH.

FER5 **Aas, C. A., D. L. Jones, and R. W. Keys. 1986.** *Feed Materials Production Center Environmental Monitoring Annual Report for 1985.* FMPC-2047, Westinghouse Materials Company of Ohio, Cincinnati, OH.

FER6 **Aas, C. A., S. J. Clements, G. L. Gels, and C. A. Lojek. 1987.** *Feed Materials Production Center, Environmental Monitoring Annual Report for 1986.* FMPC-2076, Westinghouse Materials Company of Ohio, Cincinnati, OH.

FER7 **Gels, G. L., and C. A. Lojek. 1988.** *Feed Materials Production Center, Environmental Monitoring Annual Report for 1987.* FMPC-2135, Westinghouse Materials Company of Ohio, Cincinnati, OH.

HAN1 **U. S. Department of Energy (DOE). 1990.** *Final Draft Comprehensive Environmental Response, Compensation, & Liability Act Remedial Investigation/Feasibility Study Work Plan for the 100-BC-1 Operable Unit, Hanford Site, Richland, Washington.* Battelle Environmental Management Operations, CH_2MHill, M-K Environmental, and Rogers & Associates, Richland, WA.

HAN2 **U. S. Department of Energy (DOE). 1990.** *Final Draft CERCLA RI/FS Work Plan for the 100-BC-5 Operable Unit, Hanford Site, Richland, Washington.* Battelle EMO, CH_2MHill, M-K Environmental, and Rogers & Associates, Richland, WA.

HAN3 **U. S. Department of Energy (DOE). 1990.** *Remedial Investigation/Feasibility Study Work Plan for the 300-FF-5 Operable Unit, Hanford Site, Richland, Washington.* DOE/RL 89-14, U. S. Department of Energy, Richland, WA.

HAN4 **U. S. Department of Energy (DOE). 1990.** *Remedial Investigation/Feasibility Study Work Plan for the 300-FF-1 Operable Unit, Hanford Site, Richland, Washington.* DOE/RL 88-31, Draft D, U. S. Department of Energy, Richland, WA.

HAN5 **U. S. Department of Energy (DOE). 1990.** *Remedial Investigation/Feasibility Study Work Plan for the 200-BP-1 Operable Unit Hanford Site, Richland, Washington.* DOE/RL 88-32, U. S. Department of Energy, Richland, WA.

IN1 **Idaho National Engineering Laboratory. 1989.** *Remedial Investigation/Feasibility Study Work Plan for the Subsurface Disposal Area, Radioactive Waste Management Complex at the Idaho Engineering National Laboratory, Draft.* EGG-WM-8776, EG&G Idaho, Inc., Idaho Falls, ID.

IN2 **Hull, L. C., T. R. Woods, and M. H. Doornbos. 1988.** *Informal Report: RCRA Facility Investigation Work Plan for TAN Groundwater, Vol. 1-3.* EGG-ER-8084, EG&G Idaho, Inc., Idaho Falls, ID.

IN3 **Idaho National Engineering Laboratory. 1990.** *Informal Report: Radioactive Waste Management Complex Subpit Sampling and Analysis Plan.* EGG-WM-8934, EG&G Idaho, Inc., Idaho Falls, ID.

IN4 **Virgil, M. J. 1989.** *Subsurface Disposal Area (SDA) Waste Identification (1952-1970 Emphasis).* EGG-WM-8727-Rev.1, EG&G Idaho, Inc., Idaho Falls, ID.

IN5 **Krivanek, K. R. 1989.** *ICPP Environmental Monitoring Report CY-1988.* WINCO-1071, Westinghouse Idaho Nuclear Company, Inc., Idaho Falls, ID.

IN6 **Leenheer, J. A., and J. L. Bagby. 1982.** *Organic Solutes in Ground Water at the Idaho National Engineering Laboratory.* U. S. Geological Survey Water Resources Investigation 82-15, IDO-22061, Idaho National Engineering Laboratory, Idaho Falls, ID.

IN7 **McElroy, D. L. 1990.** *Vadose Zone Monitoring at the Radioactive Waste Management Complex at the Idaho National Engineering Laboratory 1985-1989.* EGG-WM--9299, DE91 010097, Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls, ID.

IN8 **Tkachyk, J. W., P. D. Ritter, and R. N. Wilhelmson. 1988.** *Environmental Surveillance for the EG&G Idaho Radioactive Waste Management Areas of the Idaho National Engineering Laboratory, Annual Report-1987.* EGG-2550, EG&G Idaho, Inc., Idaho Falls, ID.

IN9 **Mann, L. J., and L. L. Knobel. 1987.** *Purgeable Organic Compounds in Ground Water at the Idaho National Engineering Laboratory, Idaho.* Geological Survey Open File Report 87-776, DOE/ID-22074, Idaho National Engineering Laboratory, Idaho Falls, ID.

IN10 **Tkachyk, J. W., K. C. Wright, P. D. Ritter, R. N. Wilhelmson, and W. M. Heileson. 1989.** *Environmental Monitoring for EG&G Idaho Facilities at the Idaho National Engineering Laboratory, Annual Report-1988.* EGG-2564, EG&G Idaho, Inc., Idaho Falls, ID.

IN11 **Chew, E. W., and R. G. Mitchell. 1988.** *1987 Environmental Monitoring Program Report for the Idaho National Engineering Laboratory Site.* DOE/ID-12082-87, Idaho National Engineering Laboratory, Idaho Falls, ID.

IN12 **Humphrey, T. G. 1980.** *Subsurface Migration of Radionuclides at the Radioactive Waste Management Complex - 1978.* EGG-2026, UC-11, EG&G Idaho, Inc., Idaho Falls, ID.

IN13 **Crockett, A. B., K. S. Moor, and L. C. Hull. 1989.** *Soil Gas Surveying at Low-Level Radioactive Waste Sites.* EGG-M--89251, DE90 010904, EG&G Idaho, Inc., Idaho Falls, ID.

IN14 **EG&G, Idaho. 1990.** *Phase 1 RI/FS Work Plan and Addendum for the Warm Waste Pond Operable Unit at the Test Reactor Area for the Idaho National Engineering Laboratory.* EGG-WM-8814, Vol. 1 and 2, EG&G Idaho, Inc., Idaho Falls, ID.

IN15 **EG&G, Idaho. 1990.** *RI/FS Work Plan of the Subsurface Disposal Area, Radioactive Waste Management Complex at the Idaho National Engineering Laboratory.* EGG-WM-8776, EG&G Idaho Inc., Idaho Falls, ID.

K1 **Brown, D. E. 1988.** *Annual Site Environmental Report for Calendar Year 1987.* BDX-613-3919, Allied-Signal Aerospace Company, Kansas City, MO.

K2 **International Technology Corporation. 1990.** *RCRA Facility Investigation/Corrective Measures Study for the Abandoned Indian Creek Outfall, Vol. 1 and 2.* Allied-Signal, Inc., Kansas City, MO.

K3 **U. S. Department of Energy (DOE). 1989.** *Environmental Restoration Program: Kansas City Plant. Department 27 and Miscellaneous PCB Sites RCRA Facility Investigation (RFI) Report.* Preliminary Draft. U. S. Department of Energy, Albuquerque, NM.

KCP1 **Petroleum Services, Inc. 1988.** *DOE Kansas City Plant Pre Removal Plan: North Lagoon Pipe Removal.* Project #1428, Subcontract #1148, Allied Signal, Inc., Kansas City, MO.

KCP2 **Harry Keith & Sons, Inc. 1988.** *Bendix Project File Underground Tank Farm.* Project #1405A, Harry Keith & Sons, Inc., Coffeyville, KA.

KCP3 **Fleischhauer, H. L., S. Sturm, and M. Sewell. 1987.** *Hydrogeologic Site Characterization of the DOE Kansas City Facility: Characterization of Miscellaneous Waste Sites, Contaminant Transport Modeling and Stream-Sediment Survey.* DOE/ID/12584-2, GJ-55, UNC Technical Services, Inc., Grand Junction, CO.

KCP4 **U. S. Department of Energy (DOE). 1991.** *Kansas City Plant: Northeast Area RCRA Facility Investigation.* U. S. Department of Energy.

KCP5 **U. S. Department of Energy (DOE). 1991.** *Environmental Restoration Program: Kansas City Plant. TCE Still Area, RCRA facility Investigation Work Plan, Vol. 1 & 2.* U. S. Department of Energy, Albuquerque, NM.

L1 **Brekke, D. D., R. C. Holland, M. G. Brown, and T. M. Carlsen. 1988.** *Lawrence Livermore National Laboratory, Environmental Report for 1988.* UCRL-50027-88, Lawrence Livermore National Laboratory, Livermore, CA.

L3 **Dresen, M. D., and E. M. Nichols. 1986.** *Distribution of VOC's in Ground Water West of LLNL.* UCID-20917, Lawrence Livermore National Laboratory, Livermore, CA.

L4 **Holland, R. C., and D. Brekke. 1988.** *Environmental Monitoring at Lawrence Livermore National Laboratory Report 1987.* UCRL-50027-87, Lawrence Livermore National Laboratory, Livermore, CA.

L5 **Isherwood, W. F., C. H. Hall, M. D. Dresen, A. Boegel, J. Daniels, R. Devany, E. Nichols, D. Rice, R. Thorpe, and B. Toler. 1990.** *CERCLA Feasibility Study for the LLNL-Livermore Site, Vol. 1, Executive Summary.* UCRL-AR-104040 (Draft), Lawrence Livermore National Laboratory, Livermore, CA.

L6 **Ruggieri, M. R., D. W. Carpenter, N. B. Crow, M. J. Taffet, J. A. Oberdorfer, and A. L. Lamarre. 1987.** *LLNL Site 300 Environmental Investigations Quarterly.* UCAR-10194-87-3, Lawrence Livermore National Laboratory, Livermore, CA.

L7 **Weiss Associates. 1986.** *Ground-Water Investigation at Lawrence Livermore National Laboratory, Livermore, California. Annual Report for Fiscal Year 1985.* Lawrence Livermore National Laboratory, Livermore, CA.

LA1 **Yow, J. L., Jr. 1990.** *Environmental Technology Program Annual Report.* UCRL-RL-105199, Lawrence Livermore National Laboratory, Livermore, CA.

LA2 **Crow, N., R. Elwood, and P. Webster-Scholten. 1986.** *Distribution of High Explosive Compounds in Soil and Water at the 806/807 Lagoons, HE Process Area, LLNL, Site 300.* UCAR-10169, Lawrence Livermore National Laboratory, University of California, Livermore, CA.

LA3 **Raber, E. 1983.** *Chemical and Hydrogeological Evaluation of High-Explosive Process Wastewater Discharges at Site 300.* UCID-19753, Lawrence Livermore National Laboratory, Livermore, CA.

LA4 **Taffet, M. J., A. L. Lamarre, W. M. Wade, and R. A. Ferry. 1989.** *Remedial Investigation of Landfill Pit 9 Lawrence Livermore National Laboratory Site 300.* UCID-21688, Lawrence Livermore National Laboratory, Livermore, CA.

M1 **Albuquerque Operations Office, Environment, Safety, and Health Division, Environmental Programs Branch. 1986.** *Comprehensive Environmental Assessment and Response Program Phase 1: Installation Assessment Mound.* Draft report, U. S. Department of Energy, Albuquerque, NM.

M2 **Stought, R. L., D. A. Edding, and D. G. Draper. 1988.** *The Mound Site Survey Project for the Characterization of Radioactive Materials in Site Soils.* MLM-3517, Monsanto Research Corporation, Miamisburg, OH.

MA1 **Environmental Restoration Program Description. 1990.**

MA2 **Carfagno, D. G., and W. M. Farmer. 1989.** *Environmental Monitoring at Mount: 1988 Report.* MLM-3589, EG&G Mound Applied Technologies, Miamisburg, OH.

MEPA MEPAS spreadsheet data and NUS Environmental Survey

MSDS Material Safety Data Sheets for various sites

NTS1 **Buddemeir, R. W., and D. Isherwood. 1985.** *Radionuclide Migration Project 1984 Progress Report.* UCRL-53628, Lawrence Livermore National Laboratory, Livermore, CA.

NTS2 **Gonzalez, D. A. 1988.** *Onsite Environmental Report for the Nevada Test Site.* DOE/NV/10327-39, U. S. Department of Energy, Las Vegas, NV.

NTS3 **Raymond, J. R., P. A. Eddy, R. W. Wallace, M. G. Foley, W. H. Bierschenk, and R. P. Harrison. 1989.** *Review of Information on Hydrology and Radionuclide Migration at the Nevada Test Site 1976-1988, and Annotated Bibliography.* PNL-7101, Pacific Northwest Laboratory, Richland, WA.

NTS4 **Corporate Text U. S. Department of Energy Nevada Operations Office. 1990.** *Site Specific Plan for Environmental Restoration and Waste Management 5 Year Plan.* DOE/NV--336, DE91 009376, Las Vegas, NV.

NTS5 **Lee, S. Y., T. Tamura, and E. H. Essington. 1987.** *Characteristics of Radioactivity Contamination of Soil at the Nevada Test Site.* Nuclear and Chemical Waste Management, Vol. 7, pp. 179-190.

NTS6 **Hoffman, D. C., R. Stone, and W. W. Dudley, Jr. 1977.** *Radioactivity in the Underground Environment of the Cambric Nuclear Explosion at the Nevada Test Site.* UC-11, LA-6877-MS, Los Alamos Scientific Laboratory of the University of California, Los Alamos, NM.

NTS7 **Daniels, W. R., et. all. 1983.** *Laboratory and Field Studies Related to the Radionuclide Migration Project Fiscal Year 81-82.* LA-9691-PR, UC-70, Los Alamos National Laboratory, Los Alamos, NM.

NTS8 **Daniels, W. R., and J. L. Thompson. 1984.** *Laboratory and Field Studies Related to the Radionuclide Migration Project Fiscal Year 82-83.* LA-10121-PR, UC-70, Los Alamos National Laboratory, Los Alamos, NM.

OK1 **Means, J. L., D. A. Crerar, and J. O. Duguid. 1978.** "Migration of Radioactive Wastes: Radionuclide Mobilization by Complexing Agents." *Science.* 200:1477-1481.

OK2 **Carmichael, J. K. 1989.** *An Investigation of Shallow Ground-Water Quality Near East Fork Poplar Creek, Oak Ridge, Tennessee.* Water Resources Investigations Report 88-4219, U. S. Geological Survey, Nashville, TN.

OK3 **Welch, S. H., B. A. Kelly, M. F. P. DeLozier, and W. E. Marod. 1989.** "Planning for Closures of Hazardous Waste Land Disposal Units at the Oak Ridge Y-12 Plant." *Nuclear and Chemical Waste Management.* Vol. 8, pp. 283-297.

OK4 **Olsen, C. R., P. D. Lowry, S. Y. Lee, I. L. Larsen, and N. H. Cutshall.** "Geochemical and Environmental Processes affecting Radionuclide Migration from a Formerly Used Seepage Trench." *Geochimica et Cosmochimica Acta.* Vol. 50, pp. 593-607.

OK5 **White, R. K., J. Shireman, G. R. Southworth, F. R. O'Donnell, D. A. White, and C. C. Travis. 1989.** *Analysis of Proposed Post-Closure Alternatives at the Y-12 Plant, Oak Ridge, Tennessee.* Y/TS-529, Martin Marietta Energy Systems, Inc., Oak Ridge, TN.

OK6 **Rogers, J. G., K. L. Daniels, S. T. Goodpasture, and C. W. Kimbrough. 1989.** *Oak Ridge Reservation Environmental Report for 1988.* ES/ESH-8/Vol. 1 and 2, Martin Marietta Energy Systems, Inc., Oak Ridge, TN.

OK7 **Martin Marietta. 1988.** *Addendum to the Oak Ridge Reservation, Paducah Gaseous Diffusion Plant, and Portsmouth Gaseous Diffusion Plant Site Environmental Report for 1988.* ES/ESH-8/A1, Martin Marietta Energy Systems, Inc., Oak Ridge, TN.

OK8 **Walter, K. A., R. K. White, G. R. Southworth, F. R. O'Donnell, and C. C. Travis. 1990.** *Analysis of Proposed Post-Closure Alternatives for the Bear Creek Burial Grounds at the Y-12 Plant, Oak Ridge, Tennessee.* ORNL/M-1045, Martin Marietta Energy Systems, Inc. Oak Ridge, TN.

OK9 **Hoffman, F. O., B. G. Blaylock, C. C. Travis, K. L. Daniels, E. L. Etnier, K. E. Cowser, and C. W. Weber. 1984.** *Preliminary Screening of Contaminants in Sediments.* ORNL/TM-9370, Martin Marietta Energy Systems, Inc., Oak Ridge, TN.

OK10 **Tennessee Valley Authority. 1985.** *Instream Contaminant Study, Task 1: Water Sampling and Analysis.* DOE/DR/21444-T2, Office of Natural Resources and Economic Development, Tennessee Valley Authority, TN.

OK11 **Travis, C. C., B. G. Blaylock, K. L. Daniels, C. S. Gist, F. O. Hoffman, R. J. McElhaney, and C. W. Weber. 1989.** *Final Report of the Oak Ridge Task Force Concerning Public Health Impacts of the Off-Site Contamination in East Fork Poplar Creek and Other Area Streams.* ORNL/TM-11252, DE 89 016938, Martin Marietta Energy Systems, Inc., Oak Ridge, TN.

OK12 **Means, J. L., D. A. Crerar, and J. O. Duguid. 1976.** *Chemical Mechanisms of ^{60}Co Transport in Ground Water from Intermediate-Level Liquid Waste Trench 7: Progress Report for Period Ending June 30, 1975.* ORNL/TM-5348, UC-70, Oak Ridge National Laboratory, Oak Ridge, TN.

OK13 **Tennessee Valley Authority. 1985.** *Instream Contaminant Study, Task 2: Sediment Characterization.* DOE/OR/21444-T2, Vol. 1, 2, and Appendices, Office of Natural Resources and Economic Development, Tennessee Valley Authority, TN.

PAD **Kornegay, F. C., D. C. West, T. G. Jett, and J. W. Turner. 1990.** *Paducah Gaseous Diffusion Plant Environmental Report for 1989.* ES/ESH-13/V3, Martin Marietta Energy Systems, Inc., Oak Ridge, TN.

PO1 **Rogers, J. G., R. L. Grant, W. E. Wiehle, B. L. Valentine, T. A. Acox, G. A. Goslow, A. K. Bracknell, F. Homerosky, Jr., G. A. Timmons, R. A. Strange, K. K. Keller, R. H. Snyder, C. W. Broughton, and C. J. Vanmeter. 1989.** *Portsmouth Gaseous Diffusion Plant Site Environmental Report for 1988.* ES/ESH-8/V4, POEF-2010, Martin Marietta Energy Systems, Inc., Oak Ridge, TN.

PO2 **Rogers, J. G., W. E. Wiehle, B. L. Valentine, T. A. Acox, G. A. Goslow, A. K. Bracknell, F. Homerosky, Jr., G. A. Timmons, and R. A. Strange. 1988.** *Environmental Surveillance of the U. S. Department of Energy Portsmouth Gaseous Diffusion Plant and Surrounding Environs During 1987.* DE88-010749, Martin Marietta Energy Systems, Inc., Piketon, OH.

PP1 & PP2 **CH2M Hill. 1987.** *Contamination Assessment Report for the Pinellas Plant, Northeast Ground Water Investigation.* FC22049.AO, CH2M Hill, Tampa, Fl.

PP3 **S&ME, Inc. 1986.** *Contaminant Assessment Report GE/DOE Largo, Florida.* Job No. 1175-85-1344, S&ME Inc., Atlanta, GA.

PT1 **Laseter, W. A., and D. C. Langston. 1988.** *Environmental Monitoring Report for Pantex Plant Covering 1987.* MHSMP-88-19, Mason and Hanger-Silas Mason Co., Inc., Amarillo, TX.

PT2 **Environmental Restoration Program Technical Support Office, Los Alamos National Laboratory. 1989.** *Remedial Investigation Report, Task 1, Stage 1, Pantex Plant, Amarillo, Texas.* Draft, U. S. Department of Energy, Albuquerque, NM.

PTA1 *Miscellaneous Chemical Spills/Release.* AL-PX-12.

PTA2 **U. S. Department of Energy. 1983.** *Final Environmental Impact Statement.* DOE/EIS--0098, DE 84 002955, Pantex Plant Site, Amarillo, TX.

PTA3 **Purtyman, W. D., N. M. Becker, and M. Maes. 1982.** *Supplementary Documentation for an Environmental Impact Statement Regarding the Pantex Plant.* LA-9445-PNTX-H, DE84 008067, Los Alamos National Laboratory, Los Alamos, NM.

RF1 **U. S. Department of Energy (DOE). 1990.** *Draft Treatability Studies Plan, Environmental Restoration Program.* EG&G Rocky Flats, Golden, CO.

RFA1 **Costain, D. B., D. A. Cirrincione, R. W. Ladman, N. R. Stallcup, and D. R. Stanton. 1990.** *Rocky Flats Plant Site Environmental Report for 1990.* RFP-ENV-90, EG&G Rocky Flats, Golden, CO.

RFA2 **EG&G Rocky Flats Plant. 1991.** *Draft Final Groundwater Protection and Monitoring Program Plan.* EG&G Rocky Flats Plant, Golden, CO.

RMI Radioactive Materials Inventory for IFSP facilities

RTK Community Right to Know Survey 90 for various sites

SA1 **International Technology Corporation. 1985.** *RCRA Interim Status Groundwater Monitoring Plan. Chemical Waste Landfill. Sandia National Laboratories, Albuquerque, New Mexico.* Project No. 651003, International Technology Corporation, Albuquerque, NM.

SA2 **Milliard, F., P. Pei, S. Felicetti, C. Gray, D. Thompson, and J. Phelan. 1988.** *1987 Environmental Monitoring Report.* SAND-88-0697, Sandia National Laboratories, Albuquerque, NM.

SL1 **Roy F. Weston, Inc. 1989.** *Remedial Investigation Report, Sandia National Laboratories, Livermore Fuel Oil Spill.* U. S. Department of Energy, Albuquerque Operations Office, Albuquerque, NM.

SV1 **Christensen, E. J., and C. K. Brendell. 1981.** "Chlorinated Solvent Releases to M-Area Process Sewers." Memorandum to E. B. Sheldon, Savannah River Laboratory, Aiken, SC.

SV2 **Christensen, E. J., and D. E. Gordon. 1983.** *Technical Summary of Ground-Water Quality Protection Program at Savannah River Plant, Vol. 1: Site Geohydrology and Solid Hazardous Wastes.* DPST-83-829, Savannah River Laboratory, Aiken, SC.

SV3 **Mikol, S. C., L. T. Burkhalter, J. L. Todd, and D. K. Martin. 1988.** *Savannah River Plant Environmental Report-Annual Report for 1987.* DPSPU-88-30-1, Vol. 1 and 2, Savannah River Laboratory, Aiken, SC.

SV4 **Hollod, G. J., I. W. Marine, H. W. Bledsoe, and J. P. Ryan. 1982.** *Metals and Organics in the Soil Beneath the M-Area Settling Basin.* Letter report to R. F. Bradley. DPST-82-721, Savannah River Laboratory, Aiken, SC.

SV5 **Looney, B. B., J. B. Pickett, C. M. King, W. G. Holmes, W. F. Johnson, and J. A. Smith. 1987.** *Selection of Chemical Constituents and Estimation of Inventories for Environmental Analysis of Savannah River Plant Waste Sites.* DPST-86-291, E. I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, SC.

SV6 **Horton, J. H., and J. C. Corey. 1976.** *Storing Solid Radioactive Wastes at the Savannah River Plant.* DP-1366, Savannah River Laboratory, Aiken, SC.

SV7 **Towler, O. A., Jr. 1989.** *Integrated Report on Radionuclide Migration at the Savannah River Shallow Land Burial Site.* DP--1778, DE91 009303, UC-70, E. I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, SC.

SV8 **Looney, B. B., M. W. Grant, and C. M. King. 1987.** *Estimation of Geochemical Parameters for Assessing Subsurface Transport at the Savannah River Plant.* DPST-85-904, E. I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, SC.

T1 Tier I Reports for various sites

T2 SARA Title III Tier 2 Reports for various sites

TCRI Toxic Chemical Release Inventory Reporting Forms for various sites

WS Workplan Summaries by site for Savannah River