

NEIC

EPA-330/1-86-001

MULTI-MEDIA PRIORITY RANKING OF
SELECTED FEDERAL FACILITIES

REGION V

July 1986

National Enforcement Investigations Center, Denver

U.S. Environmental Protection Agency



Office of Enforcement

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENFORCEMENT AND COMPLIANCE MONITORING

EPA-330/1-86-001

MULTI-MEDIA PRIORITY RANKING OF
SELECTED FEDERAL FACILITIES
REGION V

July 1986

Jonathan A. Dion

NATIONAL ENFORCEMENT INVESTIGATIONS CENTER
Denver, Colorado

CONTENTS

INTRODUCTION	1
METHODS	2
HAZARDOUS WASTE MANAGEMENT (RCRA)	2
SITE CONTAMINATION (CERCLA)	3
WASTEWATER DISCHARGE (CWA)	5
POLYCHLORINATED BIPHENYL STORAGE AND USE (TSCA)	6
AIR EMISSIONS (CAA)	7
RESULTS	8
TABLES	
1 Facility Rating Criteria	4
2 Facility Ratings (by ranking)	9
3 Facility Ratings (by location)	14

INTRODUCTION

A multi-media priority ranking system was developed to evaluate selected Region V Federal facilities according to their relative potential for having environmental problems.* The system was developed to use readily available information in a rapid and objective manner to identify "high priority" facilities for further detailed evaluation by EPA. The ranking system was not designed to compare a facility rating with any fixed number to indicate whether a facility is environmentally "good" or "bad". Rather, the rating indicates a facility's potential, relative to other installations, for having major environmental problems (i.e., a high rating indicates that a facility has a relatively high potential for environmental problems), and that further evaluation, if not already completed, may be warranted.

Rating criteria were developed and used to rate facilities according to the type and intensity of facility activities which could actually or potentially result in environmental contamination. In general, these activities include past and present hazardous waste** generation and management, wastewater discharges, air emissions and handling and storage of hazardous material. For purposes of this ranking system and in keeping with EPA Region V and Headquarters priorities, potential environmental problems from hazardous waste management activity were rated higher than potential problems from other activities. To ensure timely but meaningful comparisons between installations, the information used to rank the facilities was confined to that which was easily accessible and available for all or most of the installations. Thus, much of the facility information used came from various EPA computer databases. This information was supplemented as necessary with Region V file data and State file data. More specific information, such as detailed site inspection reports, was used when such information was available***. This report describes the rating criteria and information sources, and it details how they were used to rank the selected facilities.

* *Environmental problems, as used here, are directly related to the release of contaminants to the environment.*

** *As defined in 40 CFR 261*

*** *Specific facility information would also be used as part of the detailed followup evaluation of a facility, if warranted.*

METHODS

The list of facilities to be prioritized was obtained from the Region V Planning and Management Division. The list was developed through information requested from the Air, Water and Waste Management Divisions on the significant Federal facilities covered within their media programs. Approximately 75 facilities were identified by this process.

These identified facilities were ranked based on the type and relative level of activity in the following five categories:

- Hazardous waste management
- Site contamination (known and potential)
- Wastewater discharge
- Polychlorinated biphenyls (PCBs) storage and use
- Air emissions

These five categories generally reflect pertinent activities regulated under one or more of the five environmental acts: Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response Compensation and Liability Act (CERCLA), Clean Water Act (CWA), Toxic Substances Control Act (TSCA) and the Clean Air Act (CAA), respectively. The five rating categories and an explanation of the information used to rank facilities in each category follows.

HAZARDOUS WASTE MANAGEMENT (RCRA)

This category ranks facilities according to the potential for environmental contamination through generation and handling of hazardous waste. For rating purposes, the category was divided into four activity subcategories: (1) annual quantity of hazardous waste generated, (2) waste storage design capacity, (3) waste treatment design capacity and (4) waste disposal design capacity. These general subcategories were used because of the type of information readily available and the wide range of possible activities and levels of activities related to hazardous waste management.

The major source of information used was the EPA Hazardous Waste Data Management System (HWDMS), a computer database which contains information submitted to EPA by hazardous waste generation/handling facilities as part of their Part A RCRA permit application. The data include type of hazardous waste handling activity, design capacity of waste processes and type and quantity of waste generated and subsequently handled. Because the computer database was incomplete (all information was not available for all hazardous waste facilities), some of this information was obtained from EPA Region V RCRA files and State files.

The minimum rating for any facility generating hazardous waste is 3. This accounts for activities involving actual generating and any short term or small quantity handling of waste by the facility. Generating facilities with RCRA storage, treatment or disposal activities were rated according to the relative level of activity in each subcategory as shown in Table 1. An additional rating point was assigned to all these facilities to account for potential problems involved in the actual waste generating process(es). Subcategory ratings and this additional rating point were added together to obtain the overall rating for each facility for "Hazardous Waste Management" as presented in Tables 2 and 3. This rating is an indication of the facility's relative potential to contaminate the environment and cause environmental problems through hazardous waste management.

SITE CONTAMINATION (CERCLA)

This category ranks facilities according to actual, suspected or potential site contamination from either past waste handling or present storage of bulk quantities of hazardous liquid material (fuel oil, gasoline, etc.). The category is divided into three activity subcategories: (1) seriousness of site contamination problems, (2) contamination of soil and water and (3) handling of bulk quantities of hazardous liquid organic material.

Information was obtained from the Facilities Index System (FINDS) and the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) databases and EPA Region V and State file data.

Table 1
FACILITY RATING CRITERIA

Rating	Hazardous Waste Management ¹					Site Contamination			Wastewater Discharges		PCB Storage/Use	Air Emissions Emission Pts. Discharged at ≥100 ton/yr
	Quantity Generated (m tons/yr)	Storage Capacity (gal.)	Treatment Capacity (gal./day)	Disposal Capacity		Seriousness	Soil/Water Contamination	Bulk Storage of Haz. Material	Flow ² Rate (mgd)	SIC ³ Hazard Potential		
				Landfill (acres-ft)	Land Application (acres)							
0	0	0	0	0	0	No ⁴	No ⁴	No ⁴	No ⁴	<5	No ⁴	No ⁴
1	<12	<10,000	<1,000	-	-	-	-	Known	-	≥5	Known ⁵	Class B
2	12-50	10,000-100,000	1,000-50,000	-	-	-	Potential or suspected	-	<.5	-	Suspected or known-U ⁶	Class A ⁷
3	50-500	>100,000	>50,000	≤5	<10	Listed ⁸		-	.5-1.5	-	Known-K ⁹	Hazardous ¹⁰
4	500-50,000	-	-	≥5	>10	Proposed ⁸	Known	-	1.5-2.5	-	-	-
5	>50,000	-	-	-	-	NPL ⁸	-	-	>2.5	-	-	-

¹ The minimum rating for any facility generating hazardous waste, regardless of any storage, treatment or disposal activities is 3. Facilities with RCRA storage, treatment and/or disposal activities are assigned subcategory ratings as indicated in the table. An additional point is added to all these facilities to account for the generating process(es) (see text).

² Subcategory rating is based on industrial or combined (industrial and sanitary) flow rates.

³ SIC Hazard Potential [a number from 1 (lowest) to 9 (highest)] is an indication of potentially harmful health effects related to a specific Standard Industrial Classification (SIC) code (see text).

⁴ No = No known or suspected activity in this activity category or subcategory

⁵ Known activity in this category and currently in compliance

⁶ High probability of activity or known activity in this category but current compliance status with TSCA is unknown

⁷ Class A1 and A2 sources included.

⁸ Based on ranking in CERCLIS database. Listed means the facility is in the database, proposed means the facility has been proposed for the National Priorities List and NPL means the facility is on the National Priorities List.

⁹ Known activity in this category and known noncompliance with TSCA regulations

¹⁰ Hazardous pollutant emission sources with or without other sources

FINDS lists all known or suspected facility sites which were contaminated as a result of past waste management practices. CERCLIS tracks various EPA and State activities at these sites. Regional and State files contain Installation Restoration Program (IRP) reports for military facilities and EPA/State investigation reports for other facilities. These reports contain site descriptions and preliminary assessment results.

Rating points were assigned to each facility for activity in each of the three subcategories using Table 1. Seriousness was based on the National Priorities List (NPL) rating in the CERCLIS database. If a facility was listed as a site it was given a 3; if a facility was proposed for the NPL it was given a 4; and if a facility was on the NPL it was given a 5. Soil/water contamination was based on data in the IRPs and EPA/State reports. If enough data were available to indicate site contamination the facility was given a 4, otherwise it was given a 2. The sum of the subcategory ratings is the facility's overall rating for "Site Contamination" and is presented in Tables 2 and 3. An overall rating of 1 indicates that there is no known or suspected site contamination, but there is the potential for contamination due to onsite handling of bulk quantities of organic hazardous material.

WASTEWATER DISCHARGE (CWA)

This category rates facilities according to their actual or potential to discharge contaminants to the environment through wastewater outfalls. The two subcategories used to rate facility activity in this category were (1) average daily flow rate/general wastewater type (industrial, sanitary or both) and (2) the Standard Industrial Classification (SIC)* code for the facilities waste generating activities.

Information on the type, flow rate and SIC codes of wastewater discharge was obtained from the Permit Compliance System (PCS) and from EPA Region V and State NPDES files. In cases where a discharge permit had been issued but the flow rate could not be determined a rating of 2 was assigned.

* *The SIC code is a number which describes an industry by the type of activity in which it is engaged.*

Wastewater hazard potential, a number from 1 (lowest) to 9 (highest) which relates potentially harmful health effects to environmental contamination from a specific industry (as identified by the SIC code), was determined for each facility using the installation SIC code and "A Manual for Evaluating Contamination Potential of Surface Impoundments", June 1978, EPA 570/9-78-003". Appropriate SIC codes were not readily available for most installations rated. In these cases, EPA Region V file information regarding general facility operations and waste generation was used to determine an appropriate Hazard Potential for that installation. Hazard Potential was used to help rank wastewater discharge in lieu of specific information on priority pollutants, as seen in Table 1.* Flow rates, general wastewater type and Hazard Potential were used with Table 1 to assign ratings to each facility in each subcategory. Subcategory ratings were totaled to obtain the wastewater discharge rating presented for each facility in Tables 2 and 3.

Many of the facilities prioritized do not have direct wastewater discharges (i.e., do not treat their own wastewater); rather, they discharge to a regional treatment system for disposal. Because treatment and discharge are not under the Federal facilities control, these installations were given a zero rating.

POLYCHLORINATED BIPHENYL STORAGE AND USE (TSCA)

This category rates facilities according to information regarding use of PCBs and known instances of noncompliance with TSCA regulations. Information to identify facilities storing/using these compounds was obtained through all possible sources including Region V and State files. The files were used to identify facilities which were out of compliance with TSCA regulations for the last 1 year. Facilities were rated according to Table 1. Department of Defense facilities and Veterans Administration (VA) Hospitals with no available information regarding PCB use or compliance status (with TSCA regulations) were rated a 2, a point lower than facilities with known TSCA noncompliance [Table 1].

* *Priority pollutants as defined in the Federal Register, Volume 44, No. 233, December 3, 1979*

This is because information indicates that most military installations handle PCBs and most VA Hospitals have PCB equipment. Past EPA TSCA inspection results suggest that a majority of these facilities are out of compliance with applicable TSCA regulations. Category ratings for each facility are presented in Tables 2 and 3.

AIR EMISSIONS (CAA)

This category ranks facilities according to emission rates. Information on emission rates was obtained from the Compliance Data System (CDS) an EPA computer database containing information on permitted point air emission sources and from State files. A rating based on the facility classification in CDS was developed. Sources classified as A1 or A2 were given a 2 and sources classified as B were given a 1. In addition, sources which emitted hazardous air pollutants were given a rating of 3. Facilities were rated quantitatively according to Table 1. Results for each facility are presented in Table 2 and 3. No attempt was made to qualitatively rate the air emissions for each installation due to lack of pertinent information. Likewise, no attempt was made to incorporate fugitive emissions into the rating system.

RESULTS

Table 2 shows the selected Federal facilities and their assigned ratings ranked in decreasing order of overall potential for environmental problems. Table 3 presents these same facilities (and their ratings) segregated by State and alphabetized by the city in which they are located. These tables are not only useful in identifying facilities with relatively high potential for environmental problems, but they also show which activity(ies) at each facility contribute most/least to this potential. Such information can be used to help develop a strategy for followup site inspections.

As previously stated, the facility rating was not designed to be compared to a fixed number to indicate whether an installation is environmentally "good" or "bad". Rather, the rating indicates the potential of a particular facility to have environmental problems based on the potential for environmental contamination relative to other installations. A relatively high total rating indicates that, based on the type and level of onsite activities, a facility has a high probability of having environmental problems. It also indicates that further in-depth evaluation of the facility is warranted.

It should be noted that this prioritization system was meant to be only an initial evaluation of selected facilities. Because of the general nature of the information used, in-depth evaluations should be conducted to verify or deny a facility's rating, prior to any onsite investigations. In-depth evaluations, to verify current status, should begin by contacting State and local agencies familiar with the facility.

Table 2

FACILITY RATING BY RANKING

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
IN5170023498	NAVAL WEAPONS SUPPORT CENTER S of Crane, E of Rt 231 Crane	15	6	6	3	2	32
IL7213820460	JOLIET ARMY AMMUNITION PLANT* 6 Mi S of Elwood off Rt 53 Joliet	15	7	5	1	2	30
OH5210020736	REVENNA ARMY AMMUNITION PLANT St Rt 5 Revenna	16	7	4	2	1	30
OH6890008976	FEED MATERIALS PRODUCTION CTR 7400 Willey Rd Fernald	13	6	4	3	3	29
IN1210022272	NEWPORT ARMY AMMUNITION PLANT 2 Mi S of Newdort on Rt 63 Newdort	12	6	4	2	1	25
OH7890008983	PORTSMOUTH GASEOUS DIFFSN PLT U S Rt 23 Pike-ton	9	6	4	3	3	25
IN9210020443	INDIANA ARMY AMMUNITION PLANT Hwy 62 Charlestown	10	6	4	2	2	24
OH1170090004	AIR FORCE PLANT #85 4300 E 5th Ave Columbus	10	6	3	2	3	24
413210020563	FORT MCCOY MILITARY RESV N of I-90 Soarta	12	6	3	1	2	24
MN3170022914	NAVAL SEA SYS COM-FMC N ORD 4800 East River Rd Minneapolis	7	8	4	1	2	22
MI5570024278	WURTSMITH AIR FORCE BASE W of Oscoda on St Rd F41 Oscoda	10	6	2	1	2	21
IL3890008946	ARGONNE NATIONAL LABORATORY 9700 S Cass Ave Argonne	7	5	4	1	3	20
IL3210020803	SAVANNA ARMY DEPOT 7 Mi N of Savanna on Rt 84 Savanna	8	6	2	2	2	20
MN7213820908	TWIN CITIES ARMY AMMO PLANT** Jct Hwy 10 & Mn Hwy 96S Arden Hills	4	7	3	3	2	19
WI9210020054	BADGER ARMY AMMUNITION PLANT * U S Hwy 12 Baraboo	8	6	2	1	1	19
OH6890008984	MOUND LABORATORY FACILITY Mound Rd Miamisburg	5	5	4	2	3	19

Table 2 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
IL7570024177	SCOTT AIR FORCE BASE E of Hwy 158 Belleville	3	6	4	3	2	18
IL8143609487	CRAB ORCHARD NATIONAL REFUGE Ordill Industrial Area Marion	4	6	3	2	3	18
IN9570024472	GRISBOM AIR FORCE BASE ALAT FA US 31 & St Rt 218 Bunker Hill	4	6	3	2	2	17
IN9570024472	FT BENJ HARRISON-SOLDIER SUP C NE of Indianapolis on Fall Creek Road Indianapolis	3	5	3	3	2	16
IL0213820376	ARMY ST LOUIS SUPPORT CENTER Neidringhaus St and St Rt 3 Granite City	5	6	2	1	2	16
IL1570024157	CHANUTE AIR FORCE BASE S Hwy 136 Rantoul	3	6	3	2	2	16
OH7571724312	WRIGHT-PATTERSON AIR FORCE BSE St Rt 444 Fairborn	4	6	3	1	2	16
OH6210020222	DEFENSE CONSTR SUPPLY CENTER 3990 E Broad St Columbus	3	6	3	2	2	16
IL5210021833	ARMY ROCK ISLAND ARSENAL Arsenal Island Rock Island	6	6	0	1	2	15
IL1570024272	AIR FORCE 928TH TACTICAL UNIT O'Hare Airport Chicago	3	6	2	2	2	15
OH7210020510	LIMA ARMY TANK PLANT 115 Buckeye Rd Lima	3	5	3	2	2	15
OH9971590006	DEFENSE FUEL SUPPORT POINT 4820 River Rd Cincinnati	3	6	3	2	1	15
MI0571924760	K I SAWYER AIR FORCE BASE N of Gwinn between Hwys 41 & 35 Gwinn	4	6	0	2	2	14
MI3570024262	SELFRIEDGE AIR NATIONAL GUARD North River Road off I-94 Mount Clemens	5	6	0	1	2	14
WI7570025877	VOLK FIELD, CAMP DOUGLAS I-94 Camp Douglas	3	6	2	2	1	14
MI8570024275	934TH TATICAL MINN ST PAUL IAP Hwy 62 & Hwy 77 Minneapolis	3	5	2	2	1	13

Table 2 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
IL6890030046	FERMI NATIONAL ACCELERATOR Kirk Rd & Pine St (P O Box 500) Batavia	6	0	3	1	3	13
MI5210022781	ARMY TANK AUTOMOTIVE COMMAND 6501 E 11 Mile Rd Warren	3	6	0	2	2	13
OH3570024650	NEWARK AIR FORCE BASE Newark	3	5	0	2	3	13
IN5210020454	JEFFERSON PROVING GROUND N of Madison on Rt 421 Madison	3	5	3	2	0	13
MN7570024284	DULUTH INT AIRPORT AFB Wilson Avenue Duluth	5	6	0	0	1	12
MI7690308708	C 6 TRAVERSE CITY AIR STATION 5 Bks S Airport Access & Hwy 31 Traverse City	3	6	0	2	1	12
WI5571224299	GEN BILLY MITCHELL FIELD 300 E College Ave Milwaukee	3	6	3	0	0	12
OH3971524357	DEFENSE ELEC SUPPLY CENTER 1507 Wilmington Pike Dayton	0	5	2	2	2	11
MI2971590003	DEF FUEL SUPPLY PT ESCANABA 6734 P Road Escanaba	3	6	0	0	1	10
IL2210020838	FORT SHERIDAN Sheridan Road Highland Park	3	5	0	1	1	10
OH3571924544	RICHENBACKER AIR FORCE BASE S of Columbus off Hwy 23 Lockbourne	3	1	2	2	2	10
OH0800005035	NASA LEWIS RES CTR CLEVELAND 21000 Brookpark Rd Cleveland	3	0	3	1	2	9
OH7570028764	YOUNGSTOWN MAP 910 SOG2/AFRES King Graves Rd Vienna	0	5	2	2	0	9
IL7170024577	GREAT LAKES NAVAL BASE Sheridan Road North Chicago	3	0	2	1	2	8
MN6360010304	VETERANS ADM MEDICAL CENTER 54th St & 48th Ave Minneapolis	3	0	2	2	1	8
MI	KEWEENAW RESEARCH CENTER Highway 41 Houghton	0	6	0	2	0	8

Table 2 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
MI0211890025	U.S.ARMY CAMP GRAYLING I-75 & State Rd. 72 Grayling	3	1	3	0	1	8
OH3680090005	U S EPA T & E FACILITY, IERL 1600 Gest St. Cincinnati	7	0	0	0	1	8
OH3800015379	NASA LEWIS RES CTR PLUM BROOK Taylor & Columbus Rds Sandusky	0	5	3	0	0	8
OH7570024623	AIR FORCE PLANT #36 N of Cincinnati off I-75 Evandale	0	6	0	2	0	8
WI8210890002	VETERANS ADM MEDICAL CENTER 5000 W National Ave Milwaukee	3	0	2	0	2	7
MI	DETROIT ARSENAL 111 E 12 Mile Rd Madison Heights	0	6	0	0	0	6
IL3170022930	GLENVIEW NAVAL AIR STATION West Lake Ave Glenview	3	1	0	1	1	6
MI6360010239	VETERANS ADM MEDICAL CENTER 2215 Fuller Rd Ann Arbor	3	0	0	2	1	6
IL7360007283	VETERANS ADM MEDICAL CENTER 333 E. Huron St. Chicago	3	0	0	0	2	5
IN4170024399	NAVAL AVIONICS CENTER 6000 E 21st Street Indianapolis	3	0	0	0	2	5
IL4360010371	VETERANS ADM MEDICAL CENTER 1900 East Main St Danville	3	1	0	0	1	5
MI	PONTIAC STORAGE FACILITY Pontiac	0	5	0	0	0	5
WI5122307809	FOREST SERVICE PRODUCTION LAB 502 Walnut St Madison	4	0	0	0	1	5
OH1680090007	CENTER HILL SOLID WASTE LAB 5595 Center Hill Rd Cincinnati	4	0	0	0	1	5
MI6141506787	TWIN CITIES RESEARCH CENTER 5629 Minnehaha Ave Minneapolis	3	0	0	0	1	4
IL3360010281	VETERANS ADM MEDICAL CENTER 5th & Roosevelt Rd Hines	3	0	0	0	1	4

Table 2 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
MI6470000500	FEDERAL CENTER PBS/BND 74 N Washington Ave Battle Creek	3	0	1	0	0	4
OH7360011467	VETERANS ADM MEDICAL CENTER 10000 Brecksville Rd Brecksville	0	1	0	2	1	4
MI8360010260	VETERANS ADM MEDICAL CENTER Southfield & Outer Dr Allen Park	0	0	0	2	1	3
MI3570024213	PORT AUSTIN AIR FORCE RA... ST 8195 N Van Dyke Port Austin	0	0	2	0	1	3
MI1211890024	GRAND LEDGE ARMY AASF Grand Ledge	0	1	0	0	1	2
IL	NATIONAL GUARD LINCOLN DEPOT Lincoln	0	0	0	2	0	2
OH6360010254	VETERANS ADM MEDICAL CENTER 17273 St Rd 104 Chillicothe	0	0	0	1	1	2
WI0360007298	VETERANS ADM MEDICAL CENTER 2500 Overlook Terrace Madison	0	0	0	0	2	2
WI2360010340	VETERANS ADM MEDICAL CENTER Veterans Dr Tomah	0	0	0	0	2	2
MI2360010365	VETERANS ADM MEDICAL CENTER Armstrong Rd. Battle Creek	0	0	0	0	1	1
MI0470090010	FEDERAL BUILDING, FT SNELLING Hiawatha Ave St. Paul	0	0	0	0	1	1
OH4360007286	VETERANS ADM MEDICAL CENTER 4100 W 3rd St Dayton	0	0	0	0	1	1
WI6143690059	FISH AND WILDLIFE SERVICE 6086 Schroeder Rd Madison	0	0	0	0	1	1
OH9360010368	VETERANS ADM MEDICAL CENTER 10701 E Blvd Cleveland	0	0	0	0	1	1
IL	VETERANS ADM MEDICAL CENTER South holland	0	0	0	0	0	0

* Operations at these facilities have been curtailed.

** This facility has two onsite contractors, Federal Cartridge and Honeywell.

Table 3

FACILITY RATING BY LOCATION

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
IL3890008946	ARGONNE NATIONAL LABORATORY 9700 S Cass Ave Argonne	7	5	4	1	3	20
IL6890030046	FERMI NATIONAL ACCELERATOR Kirk Rd & Pine St (P O Box 500) Batavia	6	0	3	1	3	13
IL7570024177	SCOTT AIR FORCE BASE E of Hwy 158 Belleville	3	6	4	3	2	18
IL1570024272	AIR FORCE 928TH TACTICAL UNIT O'Hare Airport Chicago	3	6	2	2	2	15
IL7360007283	VETERANS ADM MEDICAL CENTER 333 E. Huron St. Chicago	3	0	0	0	2	5
IL4360010371	VETERANS ADM MEDICAL CENTER 1900 East Main St Danville	3	1	0	0	1	5
IL3170022930	GLENVIEW NAVAL AIR STATION West Lake Ave Glenview	3	1	0	1	1	6
IL0213820376	ARMY ST LOUIS SUPPORT CENTER Neidringhaus St and St Rt 3 Granite City	5	6	2	1	2	16
IL2210020838	FORT SHERIDAN Sheridan Road Highland Park	3	5	0	1	1	10
IL3360010281	VETERANS ADM MEDICAL CENTER 5th & Roosevelt Rd Hines	3	0	0	0	1	4
IL7213820460	JOLIET ARMY AMMUNITION PLANT 6 Mi S of Elwood off Rt 53 Joliet	15	7	5	1	2	30
IL	NATIONAL GUARD LINCOLN DEPOT Lincoln	0	0	0	2	0	2
IL8143609487	CRAB ORCHARD NATIONAL REFUGE Ordill Industrial Area Marion	4	6	3	2	3	18
IL7170024577	GREAT LAKES NAVAL BASE Sheridan Road North Chicago	3	0	2	1	2	8
IL1570024157	CHANUTE AIR FORCE BASE S Hwy 136 Rantoul	3	6	3	2	2	16
IL5210021833	ARMY ROCK ISLAND ARSENAL Arsenal Island Rock Island	6	6	0	1	2	15

Table 3 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
IL3210020803	SAVANNA ARMY DEPOT 7 Mi N of Savanna on Rt 84 Savanna	8	6	2	2	2	20
IL	VETERANS ADM MEDICAL CENTER	0	0	0	0	0	0
IN9570024472	South Holland GRISSOM AIR FORCE BASE ALRT FA US 31 & St Rt 218 Bunker Hill	4	6	3	2	2	17
IN9210020443	INDIANA ARMY AMMUNITION PLANT Hwy 62 Charlestown	10	4	4	2	2	24
IN5170023498	NAVAL WEAPONS SUPPORT CENTER S of Crane, E of Rt 231 Crane	15	6	6	3	2	32
IN4210090003	FT BENJ HARRISON-SOLDIER SUP C NE of Indianapolis on Fall Creek Road Indianapolis	3	5	3	3	2	16
IN4170024399	NAVAL AVIONICS CENTER 6000 E 21st Street Indianapolis	3	0	0	0	2	5
IN5210020454	JEFFERSON PROVING GROUND N of Madison on Rt 421 Madison	3	5	3	2	0	13
IN1210022272	NEWPORT ARMY AMMUNITION PLANT 2 Mi S of Newport on Rt 63 Newport	12	6	4	2	1	25
MI8360010260	VETERANS ADM MEDICAL CENTER Southfield & Outer Dr Allen Park	0	0	0	2	1	3
MI6360010239	VETERANS ADM MEDICAL CENTER 2215 Fuller Rd Ann Arbor	3	0	0	2	1	6
MI6470000500	FEDERAL CENTER PBS/BND 74 N Washington Ave Battle Creek	3	0	1	0	0	4
MI2360010365	VETERANS ADM MEDICAL CENTER Armstrong Rd. Battle Creek	0	0	0	0	1	1
MI2971590003	DEF FUEL SUPPLY PT ESCANABA 6734 P Road Escanaba	3	6	0	0	1	10
MI1211890024	GRAND LEDGE ARMY AASF Grand Ledge	0	1	0	0	1	2
MI0211890025	U.S. ARMY CAMP GRAYLING I-75 & State Rd. 72 Grayling	3	1	3	0	1	8

Table 3 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
MI0571924760	K I SAWYER AIR FORCE BASE N of Gwinn between Hwys 41 & 35 Gwinn	4	6	0	2	2	14
MI	KEWEENAW RESEARCH CENTER Highway 41 Houghton	0	6	0	2	0	8
MI	DETROIT ARSENAL 111 E 12 Mile Rd Madison Heights	0	6	0	0	0	6
MI3570024262	SELFREDGE AIR NATIONAL GUARD North River Road off I-94 Mount Clemens	5	6	0	1	2	14
MI5570024278	WURTSMITH AIR FORCE BASE W of Oscoda on St Rd F41 Oscoda	10	6	2	1	2	21
MI	PONTIAC STORAGE FACILITY Pontiac	0	5	0	0	0	5
MI3570024213	PORT AUSTIN AIR FORCE RADAR ST 8195 N Van Dyke Port Austin	0	0	2	0	1	3
MI7690308708	C 6 TRAVERSE CITY AIR STATION 5 Blks S Airport Access & Hwy 31 Traverse City	3	6	0	2	1	12
MI5210022781	ARMY TANK AUTOMOTIVE COMMAND 6501 E 11 Mile Rd Warren	3	6	0	2	2	13
MN7213820908	TWIN CITIES ARMY AMMO PLANT Jct Hwy 10 & Mn Hwy 96S Arden Hills	4	7	3	3	2	19
MN7570024284	DULUTH INT AIRPORT AFB Wilson Avenue Duluth	5	6	0	0	1	12
MN3170022914	NAVAL SEA SYS COM-FMC N ORD 4800 East River Rd Minneapolis	7	8	4	1	2	22
MN8570024275	934TH TATICAL MINN ST PAUL IAP Hwy 62 & Hwy 77 Minneapolis	3	5	2	2	1	13
MN6360010304	VETERANS ADM MEDICAL CENTER 54th St & 48th Ave Minneapolis	3	0	2	2	1	8
MN6141506787	TWIN CITIES RESEARCH CENTER 5629 Minnehaha Ave Minneapolis	3	0	0	0	1	4
MN0470090010	FEDERAL BUILDING, FT SNELLING Hiawatha Ave St. Paul	0	0	0	0	1	1

Table 3 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
OH7360011467	VETERANS ADM MEDICAL CENTER 10000 Brecksville Rd Brecksville	0	1	0	2	1	4
OH6360010254	VETERANS ADM MEDICAL CENTER 17273 St Rd 104 Chillicothe	0	0	0	1	1	2
OH9971590006	DEFENSE FUEL SUPPORT POINT 4820 River Rd Cincinnati	3	6	3	2	1	15
OH3680090005	U S EPA T & E FACILITY, IERL 1600 Gest St. Cincinnati	7	0	0	1	1	8
OH1680090007	CENTER HILL SOLID WASTE LAB 5595 Center Hill Rd Cincinnati	4	0	0	0	1	5
OH800005035	NASA LEWIS RES CTR CLEVELAND 21000 Brookpark Rd Cleveland	3	0	3	1	2	9
OH9360010368	VETERANS ADM MEDICAL CENTER 10701 E Blvd Cleveland	0	0	0	0	1	1
OH1170090004	AIR FORCE PLANT #85 4300 E 5th Ave Columbus	10	6	3	2	3	24
OH6210020222	DEFENSE CONSTR SUPPLY CENTER 3990 E Broad St Columbus	3	6	3	2	2	16
OH3971524357	DEFENSE ELEC SUPPLY CENTER 1507 Wilmington Pike Dayton	0	5	2	2	2	11
OH4360007286	VETERANS ADM MEDICAL CENTER 4100 W 3rd St Dayton	0	0	0	0	1	1
OH7570024623	AIR FORCE PLANT #36 N of Cincinnati off I-75 Evandale	0	6	0	2	0	8
OH7571724312	WRIGHT-PATTERSON AIR FORCE BSE St Rt 444 Fairborn	4	6	3	1	2	16
OH6890008976	FEED MATERIALS PRODUCTION CTR 7400 Willey Rd Fernald	13	6	4	3	3	29
OH7210020510	LIMA ARMY TANK PLANT 115 Buckeye Rd Lima	3	5	3	2	2	15
OH3571924544	RICHENBACKER AIR FORCE BASE S of Columbus off Hwy 23 Lockbourne	3	1	2	2	2	10

Table 3 (cont.)

EPA ID NO.	FACILITY ADDRESS CITY	HAZARDOUS WASTE MANAGEMENT	SITE CONTAM- INATION	POINT WASTEWATER DISCHARGES	PCB STORAGE AND USE	POINT AIR EMISSIONS	TOTAL RATING
OH6890008984	MOUND LABORATORY FACILITY Mound Rd Miamisburg	5	5	4	2	3	19
OH3570024650	NEWARK AIR FORCE BASE Newark	3	5	0	2	3	13
OH7890008983	PORTSMOUTH GASEOUS DIFFSN PLT U S Rt 23 Piketon	9	6	4	3	3	25
OH5210020736	REVENNA ARMY AMMUNITION PLANT St Rd 5 Revenna	16	7	4	2	1	30
OH3800015379	NASA LEWIS RES CTR PLUM BROOK Taylor & Columbus Rds Sandusky	0	5	3	0	0	8
OH7570028764	YOUNGSTOWN MAP 910 SOGP/AFRES King Graves Rd Vienna	0	5	2	2	0	9
WI9210020054	BADGER ARMY AMMUNITION PLANT U S Hwy 12 Baraboo	8	6	2	1	1	19
WI7570025877	VOLK FIELD, CAMP DOUGLAS I-94 Camo Douglas	3	6	2	2	1	14
WI5122307809	FOREST SERVICE PRODUCTION LAB 502 Walnut St Madison	4	0	0	0	1	5
WI0360007298	VETERANS ADM MEDICAL CENTER 2500 Overlook Terrace Madison	0	0	0	0	2	2
WI6143690059	FISH AND WILDLIFE SERVICE 6086 Schroeder Rd Madison	0	0	0	0	1	1
WI5571224299	GEN BILLY MITCHELL FIELD 300 E College Ave Milwaukee	3	6	3	0	0	12
WI8210890002	VETERAND ADM MEDICAL CENTER 5000 W National Ave Milwaukee	3	0	2	0	2	7
WI3210020563	FORT MCCOY MILITARY RESV N of I-90 Sparta	12	6	3	1	2	24
WI2360010340	VETERANS ADM MEDICAL CENTER Veterans Dr Tomah	0	0	0	0	2	2