

**The Methodology To Extract  
Priority Chemical Data From  
The Biennial Hazardous Waste  
Report : the PC-BR Methodology**

## 1.1 Purpose and Organization of the Document

This document describes the PC BR Measurement Methodology. The PC BR Measurement Methodology is designed to identify hazardous waste streams reported to the BR that are likely to contain PCs and estimate the quantity of PCs in these waste streams. This information may be used, among other things, to identify sources of wastes with PCs, identify potential opportunities for PC reduction, and target outreach efforts for waste minimization.

The document consists of two volumes:

- *Volume I: Methodology and Its Application*; and
- *Volume II: Priority Chemical Concentration Data*.

## 1.2 Data Sources

For this methodology, OSW uses data from the Resource Conservation and Recovery Act Information (RCRAInfo) System. RCRAInfo is a national program management and inventory system that contains information about RCRA hazardous waste handlers. It characterizes facility status, regulated activities, and compliance histories.

Data on hazardous waste generation and management activities contained in RCRAInfo are obtained from the Hazardous Waste Report (also called the Biennial Report). A BR must be submitted by large quantity generators (LQGs)<sup>1</sup> and treatment, storage, and disposal facilities (TSDFs) every two years.

The BR consists of several components or forms, including: the Site Identification (Site ID) Form, the Waste Generation and Management (GM) Form, and the Waste Received from Offsite (WR) Form. The Site ID Form must be filed by all waste handlers required to submit a BR. It identifies sites engaging in hazardous waste generation and management activities. The GM Form must be filed by LQGs to report on-site hazardous waste generation and management activities. The WR Form must be filed by TSDFs to report hazardous wastes received from other hazardous waste sites and the method(s) used to manage them on site. Taken together, these forms constitute the BR and include the following information:

- Facility information (e.g., EPA identification number, name, industry sector);
- Waste characterization (e.g., type of process/activity generating the waste, waste form, EPA hazardous waste code(s) representing the waste);
- Management method(s) (e.g., metals recovery, incineration); and
- Quantity of hazardous waste generated and/or managed.

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<sup>1</sup> An LQG is a facility that generates greater than 1,000 kilograms (2,200 pounds) of hazardous waste in any single calendar month.

To report some of the above information, the BR instructions provide a coding structure that waste handlers must use. In particular, the BR instructions require the use of the following codes:

- *Source codes* – Describe the type of process or activity (i.e., sources) from which a hazardous waste was generated.
- *Form codes* – Describe the general physical or chemical characteristics of a hazardous waste.
- *Management method codes* – Describes the type of hazardous waste management system used to treat or dispose of a hazardous waste.

For a list and description of the above BR codes, refer to Appendix A.

### **1.3 Hazardous Waste Universes**

The PC BR Measurement Methodology is used to estimate the quantity of PCs in generated and managed hazardous waste streams reported to the BR. The methodology evaluates both generated and managed waste streams because, generally, there is a difference between the generated and managed waste quantities reported to the BR. There are several reasons for this difference, including instances in which generation and management of a waste stream did not occur on the same year, and reporting errors. (A more detailed description of these examples is provided in Exhibit 1.)

Through application of the PC BR Measurement Methodology, we are able to estimate PC quantities for three hazardous waste universes:

- Generated hazardous wastes associated with primary generation activities;
- Managed hazardous wastes associated with primary generation activities; and
- All managed hazardous wastes (i.e., hazardous wastes associated with primary generation and other types of activities).

In this context, “primary generation activities” refers to production processes, service activities, and routine/periodic cleanups, where potential opportunities for direct waste minimization (e.g. source reduction, recycling) are the greatest.

As indicated above, two of the three hazardous waste universes evaluated under the methodology are associated with primary generation activities because the waste streams associated with primary generation represent an opportunity to reduce PCs in hazardous waste streams. This reduction can be achieved primarily through waste minimization efforts. Waste streams not associated with primary generation, such as leachate and waste management residuals, do not offer opportunities for direct waste minimization.

The PC quantities in generated and managed primary generation hazardous wastes obtained from the application of the PC BR Measurement Methodology are primarily used in the identification and evaluation of potential opportunities for direct waste minimization.

The PC quantities in “all managed hazardous wastes” obtained from the application of the PC BR Measurement Methodology are developed primarily for comparison with the PC quantities obtained through application of the PC Toxics Release Inventory (TRI) Measurement Methodology. The PC TRI Measurement Methodology is a methodology developed by OSW to identify and collect data on PCs reported to the TRI.

OSW recognizes that the PC quantities obtained through application of the PC BR and TRI Measurement Methodologies vary due to differences in the BR and TRI reporting requirements (e.g., information collection requirements, respondent universe). For example, the BR contains information on waste quantities, while the TRI contains information on chemical quantities. However, OSW believes that, by applying these two methodologies and comparing their resulting PC quantities, we will be able to gain a more complete picture and a better understanding regarding the presence of PCs in hazardous wastes. In addition, the results of this comparison may provide information useful for the refinement of the methodologies.

**Exhibit 1**  
**Examples of Potential Reasons for Difference between Generated and Managed Waste Quantities Reported to the Biennial Report**

- *Generation and management of the waste stream did not occur on the same year* – As a result, only the generation or the management of the waste stream is reflected in the GM Form for the reporting year. For example, for a waste stream generated at the end of 2004 (i.e., a non-reporting year) and managed in 2005 (i.e., a reporting year), only the managed quantity would be reflected in a GM Form.
- *Reporting errors* – For example, a generator may inadvertently report parallel management of a waste stream on separate GM Forms, thereby repeating the originally generated quantity on each form and thus, overstate the quantity of waste generated. Another common reporting error is when the generator reports sequential management, i.e., treatment trains, on a single GM Form (e.g., 100 tons are reported as generated, 100 tons are reported as stabilized in a RCRA permitted unit, and 200 tons are reported as landfilled in a RCRA permitted unit on the same form) rather than preparing a separate GM Form for each new residual waste stream (e.g., 100 tons generated as generated and stabilized on one form and 200 tons are reported as generated and landfilled on a second form).

#### **1.4 Hazardous Waste Streams Likely to Contain Priority Chemicals**

To identify hazardous waste streams reported to the BR that are likely to contain PCs and estimate the quantity of PCs in the waste streams, OSW developed a methodology consisting of the following steps:

1. Identify waste streams that are likely to contain PCs;
2. Classify waste streams as “wastewater” or “nonwastewater;”
3. Identify waste streams associated with primary generation activities;
4. Identify highly heterogeneous waste streams;
5. Compile waste stream data and facility information;
6. Identify waste streams associated with the selected industry or PC;
7. Collect PC concentration data for waste streams associated with the selected industry or PC; and
8. Estimate quantities of PCs in waste streams associated with the selected industry or PC.

Steps 1 through 5 provide information on hazardous waste streams likely to contain PCs. Steps 6 through 8 include more detailed and labor-intensive data collection and analysis for the selected industry or PC.

The methodology steps, as well as the associated waste universes, are identified in Exhibit 2. As shown in the exhibit, two of the steps (i.e., Steps 3 and 4) are not applicable to the “all managed hazardous waste” universe.

**Exhibit 2**  
**Applicability of the Steps of the Priority Chemical Biennial Report**  
**Measurement Methodology to Hazardous Waste Universes**

Methodology Step		Hazardous Waste Universe		
No.	Description	Generated Hazardous Waste Associated with Primary Generation Activities <sup>a</sup>	Managed Hazardous Waste Associated with Primary Generation Activities <sup>a</sup>	All Managed Hazardous Waste <sup>b</sup>
1	Identify waste streams that are likely to contain priority chemicals	✓	✓	✓
2	Classify waste streams as “wastewater” or “nonwastewater”	✓	✓	✓
3	Identify waste streams associated with primary generation activities	✓	✓	
4	Identify highly heterogeneous waste streams	✓	✓	
5	Compile waste stream data and facility information	✓	✓	✓
6	Identify waste streams associated with the selected industry or priority chemical	✓	✓	✓
7	Collect priority chemical concentration data for waste streams associated with the selected industry or priority chemical	✓	✓	✓
8	Estimate quantities of priority chemicals in waste streams associated with the selected industry or priority chemical	✓	✓	✓

<sup>a</sup> “Primary generation activities” refers to production processes, service activities, and routine/periodic clean-ups.

<sup>b</sup> “All managed hazardous waste” refers to wastes associated with primary generation and other types of activities.

### ***Step 1: Identify Waste Streams That Are Likely to Contain Priority Chemicals***

For this analysis, we used the EPA hazardous waste codes listed in Exhibit 3 to identify waste streams reported in GM Forms of the BR that are likely to contain PCs. These waste codes were identified based on review of technical background documents and knowledge of the feedstock, processes, and by-products of industries generating these hazardous wastes.<sup>2</sup> Note that, although many of the PCs are associated with EPA hazardous waste code F039, this waste code is not included in Exhibit 2-3. Waste code F039 is defined as leachates (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one hazardous waste. Therefore, like other secondary waste streams identified in Step 3, wastes represented by waste code F039 do not present appreciable opportunities for directly reducing PCs.

#### **Exhibit 3 EPA Hazardous Waste Codes Used to Identify Waste Streams That Are Likely to Contain Priority Chemicals**

<b>Priority Chemical Name</b>	<b>EPA Hazardous Waste Code(s)</b>
1,2,4,5-Tetrachlorobenzene	F024, F025, K085, K149, K150, K151,U207
1,2,4-Trichlorobenzene	F024, F025, K085, K150
2,4,5-Trichlorophenol	D041, F020, F021, F022, F023, F026, F027, F032, K001
4-Bromophenyl phenyl ether	U030
Acenaphthene	F032, F034, F037, K035, K051, K088
Acenaphthylene	K087
Anthracene	F032, F034, F037, K015, K035, K049, K051, K088
Benzo(g,h,i)perylene	K088, K169, K170
Cadmium	D006, F006, F007, F008, F009, F010, F011, F012, F019, K061, K062, K069
Dibenzofuran	F020, F021, F022, F023, F026, F027, F032
Dioxins/Furans	F020, F021, F022, F023, F026, F027, F032, K174
Endosulfan, alpha- and beta-	P050
Fluorene	F034, F037, F038, K048, K051, K169, K170, U005
Heptachlor/Heptachlor Epoxide	D031, P059
Hexachlorobenzene	D032, F024, F025, F026, K016, K018, K085, K149, K150, K151, U127
Hexachlorobutadiene	D033, F024, F025, K016, K018, U128
Hexachlorocyclohexane, gamma-	D013, U129

<sup>2</sup> This methodology does not take into account the impact that underlying hazardous constituents (UHCs) may have on PC quantities. UHCs are those constituents listed in 40 CFR 268.48. They do not cause the waste to exhibit a hazardous characteristic, but can pose environmental hazards nonetheless. OSW conducted limited consultations with hazardous waste treatment facilities in an effort to obtain information on the presence and concentration of UHCs in hazardous waste streams. However, the information obtained through these consultations is not adequate to make general assumptions regarding the presence and concentration of UHCs in hazardous waste streams. OSW may assess the impact that UHCs have on PC quantities as it further refines this measurement methodology.

**Exhibit 3 (continued)**  
**EPA Hazardous Waste Codes Used to Identify**  
**Waste Streams That Are Likely to Contain Priority Chemicals**

Priority Chemical Name	EPA Hazardous Waste Code(s)
(Lindane)	
Hexachloroethane	D034, F024, F025, K016, U131
Lead	D008, K046, K061, K069
Mercury	D009, K071, K106, K175, U151
Methoxychlor	D014, U247
Naphthalene	F024, F025, F032, F034, F037, F038, K001, K035, K048, K049, K051, K052, K060, K087, K145, K169, K170, K171, U165
Pendimethalin	None
Pentachlorobenzene	F024, F025, K085, K149, K150, K151, U183
Pentachloronitrobenzene (Quintozene)	U185
Pentachlorophenol	D037, F020, F021, F022, F023, F026, F027, F032, K001, K174
Phenanthrene	F032, F034, F037, F038, K001, K015, K019, K035, K048, K049, K051, K052, K087, K088, K169, K170, K171, U051
Polychlorinated Biphenyls (PCBs)	K085, K105
Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI) <sup>a, b, c</sup>	F032, F034, F037, F038, K001, K015, K035, K048, K049, K050, K051, K052, K060, K088, K141, K142, K143, K144, K145, K147, K148, K169, K170, K171, U018, U022, U063, U064, U094, U137, U157
Pyrene	F032, F034, F037, F038, K001, K035, K048, K049, K051, K088, K169, K170, K171, U051
Trifluralin	None

<sup>a</sup> Includes the following chemicals: 1-nitropyrene; 3-methylcholanthrene; 5-methylchrysene; 7,12-dimethylbenz(a)anthracene; 7H-dibenzo(c,g)carbazole; benzo(a)anthracene; benzo(a)phenanthrene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(j)fluoranthene; benzo(j,k)fluorine; benzo(k)fluoranthene; benzo(rst)pentaphene; dibenz(a,h)acridine; dibenz(a,j)acridine; dibenzo(a,e)fluoranthene; dibenzo(a,e)pyrene; dibenzo(a,h)anthracene; dibenzo(a,h)pyrene; dibenzo(a,l)pyrene; and indeno[1,2,3-cd]pyrene.

<sup>b</sup> Identified hazardous waste codes apply to the PAC group, as a whole. That is, not all identified hazardous waste codes apply to each of the PAC group chemicals.

<sup>c</sup> "U" codes apply to specific PAC group chemicals, not to all PAC group chemicals. For example, "U018" applies to benzo(a)anthracene only.



## *Step 2: Classify Waste Streams as “Wastewater” or “Nonwastewater”*

In classifying waste streams as “wastewaters” or “nonwastewaters,” it is important to consider that: (1) the only concrete regulatory definition of wastewater under RCRA is specific to the Land Disposal Restrictions (LDR) Program (40 CFR Part 268)<sup>3</sup> and (2) the BR does not contain a data element that indicates positively whether a hazardous waste stream is wastewater or nonwastewater according to this or any other definition. Thus, we used an algorithm that relies on some of the data reported to the BR to determine if a waste stream is a wastewater or nonwastewater. The algorithm uses both the form code and the management method code to make a reasonable judgment as to whether a particular waste stream is a wastewater or nonwastewater.

Note, that, in some instances, a waste stream may be managed using more than one type of management method (i.e., the waste stream may be associated with more than one management method code). As a result, this waste stream may be classified as both a wastewater and a nonwastewater. To ensure consistency in the classification of the waste streams when dealing with generated and/or managed waste, the algorithm was applied in two steps. First, we applied the algorithm to managed waste streams. Then, we applied the algorithm to generated waste streams, based on data developed for managed waste streams. A detailed description of the algorithm is provided below.

### *Step 2a: Classification of Managed Waste Streams*

To classify managed waste streams, we used the following algorithm:<sup>4</sup>

- If the waste stream is represented by one of the following waste form codes, it is classified as “wastewater:” W101, W103, W105, W107, W110, W113, and W119.
- If the waste stream lacks a waste form code that would support a wastewater or nonwastewater designation but is managed using one of the following management methods, it is classified as “wastewater:” H071, H073, H075, H076, H077, H081, H082, H083, H103, H121, H122, H123, H124, H134, and H135.

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<sup>3</sup> The LDR Program ensures that land disposed hazardous waste does not pose a threat to human health and the environment. This is accomplished by setting treatment standards for all hazardous waste bound for land disposal. These treatment standards ensure hazardous waste is properly treated to destroy or immobilize hazardous chemical components before it is land disposed.

<sup>4</sup> The algorithm used in this analysis to classify waste streams as “wastewaters” or “nonwastewaters” differs from the algorithm used in the development of *The National Biennial RCRA Hazardous Waste Report* in two major ways. First, in the National Report, all waste streams managed with H134 (i.e., deepwell or underground injection) are classified as “nonwastewater.” However, in this analysis, waste streams managed with H134 are classified as “wastewater” or “nonwastewater” based on their form code. Second, the form codes and management method codes used to identify “wastewaters” in the National Report (i.e., form codes: W101, W105, and W113; management method codes: H071, H073, H075-H077, H081-H083, H121-H124, H129, and H135) differ from those used in this analysis. OSW believes that the algorithm used in this analysis is a better approach to identifying primary generation waste streams that may offer opportunities for waste minimization.

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- If the waste stream has not been classified as a wastewater in the previous steps, it is classified as “nonwastewater.”

For a list and description of BR form and management method codes, refer to Appendix A.

For additional information on the use of BR form and management method codes in the classification of waste streams as “wastewaters” or “nonwastewaters,” refer to Appendix B.

*Step 2b: Classification of Generated Waste Streams*

As described above, in some instances, a generated waste stream may be managed using more than type of management method. As a result, this waste stream may be classified as both a wastewater and a nonwastewater. For example, a waste stream represented by form code W604 (i.e., paint or ink sludges, still bottoms in sludge form) that is managed using H081 (i.e., biological treatment with or without prior precipitation) and H112 (i.e., macro-encapsulation prior to disposal at another site) would be classified as both wastewater and nonwastewater. The portion of the waste stream managed using H081 would be classified as wastewater, while the portion of the waste stream managed using H112 would be classified as nonwastewater.

Based on the above considerations and to ensure consistency with the classification of the managed waste streams, the following approach was followed in classifying generated waste streams as “wastewaters” or “nonwastewaters:”

- If a managed waste stream was classified as “wastewater” only, the generated waste stream was also classified as “wastewater.”
- If a managed waste stream was classified as “nonwastewater” only, the generated waste stream was also classified as “nonwastewater.”
- If a managed waste stream was classified as both “wastewater” and “nonwastewater:”
  - Estimated the quantity of wastewater and nonwastewater associated with the waste stream.
  - Compared the estimated waste quantities and, based on the greater quantity, classified the waste stream as “wastewater” or “nonwastewater.”
  - In instances in which the wastewater and nonwastewater quantities were the same, we referred to the form code to make a determination. Waste streams represented by form codes W101, W103, W105, W107, W110, W113, and W119 were classified as “wastewaters.” The remaining waste streams were classified as “nonwastewaters.”

For a list and description of BR form and management method codes, refer to Appendix A.

For information (e.g., quantity of waste) on hazardous waste streams identified under Steps 1 and 2, refer to Appendix C.

***Step 3: Identify Waste Streams Associated with Primary Generation Activities  
(Not Applicable to the “All Managed Hazardous Waste” Universe)***

The methodology estimates PC quantities in hazardous waste streams associated with primary generation activities because the waste streams associated with primary generation represent an opportunity to reduce PCs in hazardous waste streams. This reduction can be achieved primarily through waste minimization efforts. Waste streams not associated with primary generation, such as leachate and waste management residuals, do not offer opportunities for direct waste minimization. Therefore, in analyzing generated and managed hazardous wastes associated with primary generation activities, the analysis only includes waste streams generated from a production process, service activity, or routine/periodic cleanup, where potential opportunities for direct waste minimization (e.g., source reduction, recycling) are the greatest.

To identify waste streams associated with primary generation activities, we referred to the BR source code, NAICS code, and EPA hazardous waste codes associated with each waste stream. A detailed description of the approach used to identify these waste streams is provided below:

- *BR source code* – Based on an evaluation of the source codes, the waste streams generated from the following processes or activities are not considered primary generation waste streams and thus, are excluded from the analysis:
  - Solvent or product distillation or recovery (G24);
  - Hazardous waste management (G25);
  - Leachate collection (G26);
  - Hazardous residual from treatment or recovery of universal waste (G27);
  - Waste associated with spills and accidental releases (G31, G32, G39);
  - Waste from remediation of past contamination (G41-G49); and
  - Waste not physically generated on site (G61-G75).

For additional information on the reasons for inclusion or exclusion of a BR source code in the methodology, refer to Appendix D.

- *NAICS code* – We identified and excluded waste streams generated by facilities in the Waste Management and Remediation Services industry (North American Industrial Classification System [NAICS] Code 562). Waste streams generated by these waste treatment facilities are not considered primary generation waste streams.

- *EPA hazardous waste codes* – We excluded waste streams represented by waste code F039. These are leachates (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one hazardous waste. F039 waste streams are not considered primary generation waste streams.

Note that, in identifying waste streams associated with primary generation activities, this methodology relies solely on BR source codes, NAICS codes, and EPA hazardous waste codes. No other BR codes (e.g., waste form, management method) are used in making this determination.

For information (e.g., quantity of waste) on hazardous waste streams that remained in the analysis (i.e., were not excluded) after implementation of Step 3, refer to Appendix C.

***Step 4: Identify Highly Heterogeneous Waste Streams  
(Not Applicable to the “All Managed Hazardous Waste” Universe)***

In an effort to better identify opportunities for waste minimization, we excluded primary generation waste streams (as defined in Step 3) with more than 10 EPA hazardous waste codes from the analysis. These waste streams may offer limited opportunities for waste minimization given their highly heterogeneous nature and/or unique characteristics. Therefore, this analysis only includes primary generation waste streams with 10 or fewer EPA hazardous waste codes.

Exhibit 4 shows the quantity of hazardous waste generated in 2005, by the number of EPA hazardous waste codes representing the waste stream. As shown in the exhibit, waste streams with 10 or fewer waste codes represent 99 percent of the total quantity of waste generated from primary generation activities (i.e., waste streams not excluded under Step 3) in 2005. Therefore, the analysis includes the majority of primary generation waste streams.

For additional information on hazardous waste streams that remained in the analysis (i.e., were not excluded from the analysis) after the implementation of Step 4, refer to Appendix C.

**Exhibit 4  
Quantity of Hazardous Waste Generated in 2005, by Number of  
EPA Hazardous Waste Codes Representing the Waste Stream <sup>a</sup>**

Number of EPA Hazardous Waste Codes	Number of Facilities	Generated Waste Quantity (tons)			Percentage of Total Generated Waste Quantity
		Nonwastewaters	Wastewaters	Total	
1	6,146	1,877,902	1,554,179	3,432,081	38%
2	3,181	254,663	1,418,572	1,673,235	18%
3	1,998	82,350	2,456,673	2,539,023	28%
4	1,807	136,225	815,572	951,797	10%
5	1,100	43,593	117,334	160,927	2%
6-10	1,293	46,622	229,937	276,559	3%
<i>Subtotal</i>	8,862	2,441,355	6,592,267	9,033,623	99%

11-20	427	51,114	25,133	76,247	1%
21-50	220	6,117	1,438	7,555	<1%
51-100	22	506	630	1,135	<1%
101-300	2	5	0	5	<1%
>300	3	713	0	713	<1%
<i>Subtotal</i>	587	58,455	27,201	85,656	1%
<b>Total</b>	<b>8,862<sup>b</sup></b>	<b>2,499,810</b>	<b>6,619,468</b>	<b>9,119,278</b>	<b>100%</b>

<sup>a</sup> Excludes waste streams not associated with primary generation activities (i.e., waste streams excluded under Step 3 of the methodology).

<sup>b</sup> Total number of facilities is not additive because a facility may generate wastes represented by different waste code combinations.

### ***Step 5: Compile Waste Stream Data and Facility Information***

Once the relevant waste streams were identified, we compiled waste stream data and facility information, as described below.

#### ***Step 5a: Compile Waste Stream Data***

For each waste stream, we compiled the following data:

- EPA ID of the facility that generated the waste stream;
- Source code;
- Form code;
- Classification as wastewater or nonwastewater;
- Quantity of hazardous waste generated;
- Management category;
- Management method code;
- Quantity of hazardous waste managed, for each management method code;
- EPA hazardous waste codes representing the hazardous waste;
- PCs likely to be present in the waste stream; and
- Waste description.

For purposes of this analysis, management method codes were categorized as described in the table below:

<b>Management Category</b>	<b>Management Method Code</b>
Disposal	H131 through H135
Treatment	H040, H071 through H129
Energy Recovery	H050
Fuel Blending	H061
Recycling	H010, H020, H039
Storage	H141

For a list and description of BR management method codes, refer to Appendix A.

*Step 5b: Compile Facility Information*

For each of the facilities that generated the waste streams likely to contain PCs, we obtained the facility name, address, and primary NAICS code.

***Step 6: Identify Waste Streams Associated with the Selected Industry or Priority Chemical***

We identified waste streams associated with the selected industry or PC based on information compiled under Step 5. In identifying waste streams associated with the selected industry, we relied on the primary NAICS code. In identifying waste streams associated with the selected PC, we relied on information on the PCs likely to be present in the waste stream. Waste streams that were not associated with the selected industry or PC were excluded from the rest of the analysis.

***Step 7: Collect Priority Chemical Concentration Data for Waste Streams Associated with the Selected Industry or Priority Chemical***

To collect data on PC concentrations, we reviewed readily available best demonstrated available technology (BDAT) background documents and listing background documents. BDAT background documents provide EPA's rationale and technical support for developing an LDR treatment standard. Listing background documents provide EPA's rationale and technical support for listing a waste as a hazardous waste. These documents also provide constituent-specific concentration data for the EPA hazardous waste codes for which the LDR treatment standard or the listing is being established.

In addition to the BDAT and listing background documents, OSW referred to the National Hazardous Waste Constituent Survey (NHWCS) to collect data on PC concentrations. The NHWCS was a voluntary survey that OSW administered, in 1996, to 221 of the largest generators and managers of hazardous industrial process waste in the U.S. These facilities accounted for over 90 percent of the total waste quantity in the hazardous waste universe reported to the 1993 BR. Among other things, the survey requested data on waste stream characteristics (e.g., waste volume, hazardous waste codes, waste form) and waste constituents.

Because the focus of the analysis is waste minimization, we collected constituent-specific total concentration data for *untreated* waste streams. This information was collected for each of the PC and EPA hazardous waste code combinations identified in Exhibit 2-3, if available. In collecting the concentration data from the various data sources, we assigned a waste from category (i.e., nonwastewater or wastewater) to each of the combinations, based on the descriptions of the waste in the documents. Note that the BDAT and listing background documents do not always identify waste form. Thus, we assigned a waste form to the PC concentration based on the descriptions in the documents.

For additional information on PC concentration data obtained from BDAT and listing background documents and the NHWCS, refer to Volume II of this document.

***Step 8: Estimate Quantities of Priority Chemicals in Waste Streams Associated with the Selected Industry or Priority Chemical***

Once all available concentration data were collected, we assigned constituent-specific concentrations to each EPA hazardous waste code and waste form (i.e., nonwastewater or wastewater) combination associated with the selected industry or PC. The assigned concentrations were based on the descriptions of the waste in the documents. Note that the BDAT and listing background documents do not always identify waste form. Thus, we assigned a waste form to the PC concentration based on the descriptions in the documents.

In assigning constituent-specific concentrations to hazardous waste code/waste form combinations representing hazardous wastes associated with primary generation activities, we considered whether the available concentration data were representative of wastes associated with the selected industry or PC. Appendices E and F provide additional information on concentrations assigned to each hazardous waste code/waste form combination and the data sources used in the analyses. Appendix E provides information on the industry-specific analyses. Appendix F provides information on the PC-specific analyses.

In assigning the constituent-specific concentrations to hazardous waste code/waste form combinations associated with “all managed hazardous wastes,” we used, as a starting point, data contained in the list of preliminary concentrations provided in Appendix G. The constituent-specific concentrations in this list are considered preliminary because they are based on all available concentration data for the individual hazardous waste code/waste form combinations. These concentrations do not consider whether the available concentration data are representative of wastes associated with the selected industry or PC. We then refined the preliminary concentrations using the constituent-specific concentration data developed for the selected industry or PC (i.e., the concentration data presented in Appendix E or F, as applicable).

In instances in which a PC in a waste stream is represented by more than one waste code, we used an average of the assigned concentrations.

Once we had a PC concentration for each EPA hazardous waste code/waste form combination, we multiplied the chemical concentration (in pounds/ton) by the quantity of waste (in tons) to estimate the amount of the PC (in pounds) in the waste stream.<sup>5</sup>

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<sup>5</sup> OSW recognizes that chemical concentrations vary among waste streams and facilities. However, for purposes of this analysis, OSW made the simplifying assumption that all waste streams represented by a particular hazardous waste code/waste form combination have the same chemical concentrations.

## Exhibit 5

### Estimating Quantities of Priority Chemicals in a Waste Stream – An Example

In 2005, a facility in the metal coating, and engraving industry (NAICS code 332812) generated 560.25 tons of wastewaters represented by EPA hazardous waste codes D002;D006;D007;D008;K062. Of these waste codes, three are associated with priority chemicals: D006 (cadmium), D008 (lead), and K062 (cadmium). (Refer to Step 1 of the methodology.)

For the above hazardous waste code/waste form combinations, the assigned concentrations are provided in Appendix E, and include:

- Lead:
  - D008/wastewater: 25,025 mg/kg
- Cadmium:
  - D006/wastewater: 14 mg/kg
  - K062/wastewater: 5 mg/kg

**Lead.** In order to estimate the quantity of lead in the waste stream, we first converted the concentration from mg/kg to pounds/ton. To do this, we multiplied 25,025 mg/kg by 0.002. This resulted in a concentration of 50.05 pounds/ton. We then multiplied the chemical concentration by the quantity of waste (i.e., 560.25 tons). Based on these calculations, the quantity of lead in the waste stream is 28,040.51 pounds.

**Cadmium.** In order to estimate the quantity of cadmium in the waste stream, we first estimated the average of the assigned concentrations for the two waste codes representing the chemical: D006 and K062. This resulted in a concentration of 9.5 mg/kg (i.e.,  $[14 \text{ mg/kg} + 5 \text{ mg/kg}]/2$ ). We then converted the concentration from mg/kg to pounds/ton. To do this, we multiplied 9.5 mg/kg by 0.002. This resulted in a concentration of 0.019 pound/ton. Finally, we multiplied the chemical concentration by the quantity of waste (i.e., 560.25 tons). Based on these calculations, the quantity of cadmium in the waste stream is 10.64 pounds.



**Appendix A**  
**Biennial Report Codes and Descriptions**

**Exhibit A-1**  
**Source Codes and Descriptions**

Code	Code Description
<b>Wastes from Ongoing Production and Service Processes</b>	
G01	Dip, flush or spray rinsing (using solvents to clean or prepare parts or assemblies for further processing - i.e. painting or assembly)
G02	Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies )
G03	Plating and phosphating (electro- or non-electroplating or phosphating)
G04	Etching (using caustics or other methods to remove layers or partial layers)
G05	Metal forming and treatment (pickling, heat treating, punching, bending, annealing, grinding, hardening, etc.)
G06	Painting and coating (manufacturing, building, or maintenance)
G07	Product and by-product processing (direct flow of wastes from chemical manufacturing or processing, etc.)
G08	Removal of spent process liquids or catalysts (bulk removal of wastes from chemical manufacturing or processing, etc.)
G09	Other production or service-related processes from which the waste is a direct outflow or result (specify in comments)
<b>Other Intermittent Events or Processes</b>	
G11	Discarding off-specification or out-of-date chemicals or products (unused chemicals or products - corresponds to P and U hazardous waste codes)
G12	Lagoon or sediment dragout and leachate collection (large scale operations in open pits, ponds, or lagoons)
G13	Cleaning out process equipment (periodic sludge or residual removal from enclosed processes including internal scrubbing or cleaning)
G14	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
G15	Process equipment change-out or discontinuation of equipment use (final materials and residuals removal including cleaning)
G16	Oil changes and filter or battery replacement (automotive, machinery, etc)
G19	Other one-time or intermittent processes (specify in comments)
<b>Pollution Control and Waste Management Process Residuals</b>	
G21	Air pollution control devices (baghouse dust or ash from stack scrubbers or precipitators; vapor collection, etc.)
G22	Laboratory analytical wastes (used chemicals from laboratory operations)
G23	Wastewater treatment (sludge, filter cake, etc., including wastes from treatment before discharge by NPDES or POTW or by UIC disposal)
G24	Solvent or product distillation or recovery (sludge, waste solvent, bottoms, from recovery/recycling of used product)
G25	Hazardous waste management - indicate management method (for residuals from regulated hazardous waste treatment processes - enter the related H code)
G26	Leachate collection (from landfill operations or other land units)
G27	Hazardous residual from treatment or recovery of universal waste
<b>Spills and Accidental Releases</b>	
G31	Accidental contamination of products, materials or containers (other than G11)
G32	Cleanup of spill residues (infrequent, not routine)
G33	Leak collection and floor sweeping (ongoing, routine)
G39	Other cleanup of current contamination (specify in comments)
<b>Remediation of Past Contamination</b>	
G41	Closure of hazardous waste management unit under RCRA

**Exhibit A-1 (continued)**  
**Source Codes and Descriptions**

Code	Code Description
G42	Corrective action at a solid waste management unit under RCRA
G43	Remedial action or emergency response under Superfund
G44	State program or voluntary cleanup
G45	Underground storage tank cleanup
G49	Other remediation (specify in comments)
<b>Waste Not Physically Generated On Site</b>	
G61	Hazardous waste received from off site for storage/bulking and transfer off site for treatment or disposal
G62	Hazardous waste received from a foreign country (other than a foreign Department of Defense site, Maquiladora, U.S. territory or protectorate). This site was the generator of record. <b>(2001 BR only)</b>
G63– G75	Hazardous waste received from a foreign country (other than a foreign Department of Defense site, Maquiladora, U.S. territory or protectorate). This site was the generator of record and is the U.S. Importer. <b>(2003 BR only)</b> Enter the appropriate code from the list below -
G63	Hazardous waste received from Antarctica
G64	Hazardous waste received from Aruba
G65	Hazardous waste received from Bahamas
G66	Hazardous waste received from Belgium
G67	Hazardous waste received from Brazil
G68	Hazardous waste received from Canada
G69	Hazardous waste received from Holland
G70	Hazardous waste received from Malaysia
G71	Hazardous waste received from Mexico
G72	Hazardous waste received from New Zealand
G73	Hazardous waste received from Taiwan
G74	Hazardous waste received from Venezuela
G75	Hazardous waste received from other foreign country - see Comments for country name

**Exhibit A-2**  
**Waste Form Codes and Descriptions**

Code	Form Code Group/Description
<b>Mixed Media/Debris/Devices - Waste that is a mixture of organic and inorganic wastes, liquid and solid wastes, or devices that are not easily categorizable</b>	
W001	Lab packs with no acute hazardous waste
W002	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, other solids
W004	Lab packs containing acute hazardous waste
W301	Contaminated soil
W309	Batteries, battery parts, cores, casings
W310	Filters, solid adsorbents, ion exchange resins and spent carbon
W320	Electrical devices (lamps, thermostats, CRTs, etc.)
W512	Sediment or lagoon dragout, drilling or other muds
W801	Compressed gases
<b>Inorganic Liquids - Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content</b>	
W101	Very dilute aqueous waste containing more than 99% water
W103	Spent concentrated acid
W105	Acidic aqueous wastes less than 5% acid
W107	Aqueous waste containing cyanides
W110	Caustic aqueous waste without cyanides
W113	Other aqueous waste or wastewaters
W117	Waste liquid mercury
W119	Other inorganic liquid (specify in comments)
<b>Organic Liquids - Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content</b>	
W200	Still bottoms in liquid form
W202	Concentrated halogenated (e.g., chlorinated) solvent
W203	Concentrated non-halogenated (e.g., non-chlorinated) solvent
W204	Concentrated halogenated/ non-halogenated solvent mixture
W205	Oil-water emulsion or mixture
W206	Waste oil
W209	Paint, ink, lacquer, or varnish
W210	Reactive or polymerizable organic liquids and adhesives
W211	Paint thinner or petroleum distillates
W219	Other organic liquid (specify in comments)
<b>Inorganic Solids - Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable</b>	
W303	Ash
W304	Slags, drosses, and other solid thermal residues
W307	Metal scale, filings and scrap (including metal drums)
W312	Cyanide or metal cyanide bearing solids, salts or chemicals
W316	Metal salts or chemicals not containing cyanides
W319	Other inorganic solids (specify in comments)

**Exhibit A-2 (continued)**  
**Waste Form Codes and Descriptions**

<b>Code</b>	<b>Form Code Group/Description</b>
<b>Organic Solids - Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable</b>	
W401	Pesticide solids
W403	Solid resins, plastics or polymerized organics
W405	Explosives or reactive organic solids
W409	Other organic solids (specify in comments)
<b>Inorganic Sludges - Waste that is primarily inorganic, with moderate-to-high water content and low organic content; mostly pumpable</b>	
W501	Lime and/or metal hydroxide sludges and solids with no cyanides
W503	Gypsum sludges from wastewater treatment or air pollution control
W504	Other sludges from wastewater treatment or air pollution control
W505	Metal bearing sludges (including plating sludge) not containing cyanides
W506	Cyanide-bearing sludges
W519	Other inorganic sludges (specify in comments)
<b>Organic Sludges - Waste that is primarily organic with low-to-moderate inorganic solids content and water content; pumpable</b>	
W603	Oily sludge
W604	Paint or ink sludges, still bottoms in sludge form
W606	Resins, tars, polymer or tarry sludge
W609	Other organic sludge (specify in comments)

**Exhibit A-3  
Management Method Codes and Descriptions**

Code	Management Method Code Group/Description
<b>Reclamation and Recovery</b>	
H010	Metals recovery including retorting, smelting, chemical, etc.
H020	Solvents recovery
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc. (specify in comments)
H050	Energy recovery at this site - use as fuel (includes on-site fuel blending)
H061	Fuel blending prior to energy recovery at another site
<b>Destruction or Treatment Prior to Disposal at Another Site</b>	
H040	Incineration - thermal destruction other than use as a fuel
H071	Chemical reduction with or without precipitation
H073	Cyanide destruction with or without precipitation
H075	Chemical oxidation
H076	Wet air oxidation
H077	Other chemical precipitation with or without pre-treatment
H081	Biological treatment with or without precipitation
H082	Adsorption
H083	Air or steam stripping
H101	Sludge treatment and/or dewatering
H103	Absorption
H111	Stabilization or chemical fixation prior to disposal at another site
H112	Macro-encapsulation prior to disposal at another site
H121	Neutralization only
H122	Evaporation
H123	Settling or clarification
H124	Phase separation
H129	Other treatment (specify in comments)
<b>Disposal</b>	
H131	Land treatment or application (to include on-site treatment and/or stabilization)
H132	Landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization)
H134	Deepwell or underground injection (with or without treatment)
H135	Discharge to sewer/POTW or NPDES (with prior storage - with or without treatment)
<b>Storage and Transfer</b>	
H141	Storage, bulking, and/or transfer off site - no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at this site

**Appendix B**  
**Use of Biennial Report Waste Form and Management Method Codes in the**  
**Classification of Waste Streams as Wastewaters or Nonwastewaters**

**Exhibit B-1**  
**Classification of Waste Streams as Wastewaters or Nonwastewaters**  
**Based on Biennial Report Waste Form Code**

Code	Form Code Group/Description	Classification
<b>Mixed Media/Debris/Devices - Waste that is a mixture of organic and inorganic wastes, liquid and solid wastes, or devices that are not easily categorizable</b>		
W001	Lab packs with no acute hazardous waste	Nonwastewater
W002	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, other solids	Nonwastewater
W004	Lab packs containing acute hazardous waste	Nonwastewater
W301	Contaminated soil	Nonwastewater
W309	Batteries, battery parts, cores, casings	Nonwastewater
W310	Filters, solid adsorbents, ion exchange resins and spent carbon	Nonwastewater
W320	Electrical devices (lamps, thermostats, CRTs, etc.)	Nonwastewater
W512	Sediment or lagoon dragout, drilling or other muds	Nonwastewater
W801	Compressed gases	Nonwastewater
<b>Inorganic Liquids - Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content</b>		
W101	Very dilute aqueous waste containing more than 99% water	Wastewater
W103	Spent concentrated acid	Wastewater
W105	Acidic aqueous wastes less than 5% acid	Wastewater
W107	Aqueous waste containing cyanides	Wastewater
W110	Caustic aqueous waste without cyanides	Wastewater
W113	Other aqueous waste or wastewaters	Wastewater
W117	Waste liquid mercury	Nonwastewater
W119	Other inorganic liquid (specify in comments)	Wastewater
<b>Organic Liquids - Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content</b>		
W200	Still bottoms in liquid form	Nonwastewater
W202	Concentrated halogenated (e.g., chlorinated) solvent	Nonwastewater
W203	Concentrated non-halogenated (e.g., non-chlorinated) solvent	Nonwastewater
W204	Concentrated halogenated/ non-halogenated solvent mixture	Nonwastewater
W205	Oil-water emulsion or mixture	Nonwastewater
W206	Waste oil	Nonwastewater
W209	Paint, ink, lacquer, or varnish	Nonwastewater
W210	Reactive or polymerizable organic liquids and adhesives	Nonwastewater
W211	Paint thinner or petroleum distillates	Nonwastewater
W219	Other organic liquid (specify in comments)	Nonwastewater
<b>Inorganic Solids - Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable</b>		
W303	Ash	Nonwastewater
W304	Slags, drosses, and other solid thermal residues	Nonwastewater
W307	Metal scale, filings and scrap (including metal drums)	Nonwastewater
W312	Cyanide or metal cyanide bearing solids, salts or chemicals	Nonwastewater
W316	Metal salts or chemicals not containing cyanides	Nonwastewater
W319	Other inorganic solids (specify in comments)	Nonwastewater



**Exhibit B-1 (continued)**  
**Classification of Waste Streams as Wastewaters or Nonwastewaters**  
**Based on Biennial Report Waste Form Code**

Code	Form Code Group/Description	Classification
<b>Organic Solids - Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable</b>		
W401	Pesticide solids	Nonwastewater
W403	Solid resins, plastics or polymerized organics	Nonwastewater
W405	Explosives or reactive organic solids	Nonwastewater
W409	Other organic solids (specify in comments)	Nonwastewater
<b>Inorganic Sludges - Waste that is primarily inorganic, with moderate-to-high water content and low organic content; mostly pumpable</b>		
W501	Lime and/or metal hydroxide sludges and solids with no cyanides	Nonwastewater
W503	Gypsum sludges from wastewater treatment or air pollution control	Nonwastewater
W504	Other sludges from wastewater treatment or air pollution control	Nonwastewater
W505	Metal bearing sludges (including plating sludge) not containing cyanides	Nonwastewater
W506	Cyanide-bearing sludges	Nonwastewater
W519	Other inorganic sludges (specify in comments)	Nonwastewater
<b>Organic Sludges - Waste that is primarily organic with low-to-moderate inorganic solids content and water content; pumpable</b>		
W603	Oily sludge	Nonwastewater
W604	Paint or ink sludges, still bottoms in sludge form	Nonwastewater
W606	Resins, tars, polymer or tarry sludge	Nonwastewater
W609	Other organic sludge (specify in comments)	Nonwastewater

**Exhibit B-2**  
**Classification of Waste Streams as Wastewaters or Nonwastewaters**  
**Based on Biennial Report Management Method Code**  
**(Used When Waste Form Code Data Are Not Available)**

Code	Management Method Code Group/Description	Classification
<b>Reclamation and Recovery</b>		
H010	Metals recovery including retorting, smelting, chemical, etc.	Nonwastewater
H020	Solvents recovery	Nonwastewater
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc. (specify in comments)	Nonwastewater
H050	Energy recovery at this site - use as fuel (includes on-site fuel blending)	Nonwastewater
H061	Fuel blending prior to energy recovery at another site	Nonwastewater
<b>Destruction or Treatment Prior to Disposal at Another Site</b>		
H040	Incineration - thermal destruction other than use as a fuel	Nonwastewater
H071	Chemical reduction with or without precipitation	Wastewater
H073	Cyanide destruction with or without precipitation	Wastewater
H075	Chemical oxidation	Wastewater
H076	Wet air oxidation	Wastewater
H077	Other chemical precipitation with or without pre-treatment	Wastewater
H081	Biological treatment with or without precipitation	Wastewater
H082	Adsorption	Wastewater
H083 <sup>a</sup>	Air or steam stripping	Wastewater
H101	Sludge treatment and/or dewatering	Nonwastewater
H103	Absorption	Wastewater
H111	Stabilization or chemical fixation prior to disposal at another site	Nonwastewater
H112	Macro-encapsulation prior to disposal at another site	Nonwastewater
H121	Neutralization only	Wastewater
H122	Evaporation	Wastewater
H123	Settling or clarification	Wastewater
H124 <sup>a</sup>	Phase separation	Wastewater
H129	Other treatment (specify in comments)	Nonwastewater
<b>Disposal</b>		
H131 <sup>b</sup>	Land treatment or application (to include on-site treatment and/or stabilization)	Nonwastewater
H132 <sup>b</sup>	Landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization)	Nonwastewater
H134	Deepwell or underground injection (with or without treatment)	Wastewater
H135	Discharge to sewer/POTW or NPDES (with prior storage - with or without treatment)	Wastewater
<b>Storage and Transfer</b>		
H141	Storage, bulking, and/or transfer off site - no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at this site	Nonwastewater

<sup>a</sup> Technologies represented by this management method code are likely to be applied, in some instances, to nonwastewater streams.

<sup>b</sup> Technologies represented by this management method code are likely to be applied, in some instances, to wastewater streams.

**Appendix C**  
**Information on Hazardous Waste Streams Identified**  
**through Implementation of the Methodology**

## Information on Hazardous Waste Streams Identified through Implementation of the Methodology

This appendix provides information on hazardous waste streams likely to contain priority chemicals (PCs), as determined under Steps 1 through 4 of the methodology.

### C.1 Implementation of Steps 1 and 2

#### Exhibit C-1 Waste Generated in 2005 by Source Code, after Implementation of Steps 1 and 2 of the Methodology

Source Code	Number of Facilities	Generated Waste Quantity (tons)		
		Nonwastewaters	Wastewaters	Total
G01	613	18,609	379,274	397,883
G02	796	10,552	49,538	60,090
G03	1,111	55,571	949,183	1,004,755
G04	270	2,804	667,996	670,801
G05	358	8,805	300,914	309,719
G06	1,603	73,015	8,286	81,301
G07	687	300,021	1,657,030	1,957,051
G08	511	54,668	154,360	209,029
G09	1,744	379,065	995,350	1,374,415
G11	1,978	87,246	3,251	90,497
G12	127	3,335	918	4,253
G13	1,105	88,883	24,770	113,653
G14	600	74,248	3,139	77,388
G15	1,168	33,638	13,421	47,059
G16	704	5,113	148	5,262
G19	1,496	51,318	17,286	68,604
G21	528	1,020,187	35,264	1,055,451
G22	1,509	5,584	1,129	6,713
G23	1,673	407,425	5,736,767	6,144,192
G24	141	100,701	212	100,913
G25	296	988,865	37,959,632	38,948,497
G26	23	1,122	229,418	230,541
G27	61	37,728	6,367	44,095
G31	122	3,220	234	3,454
G32	876	173,146	1,672	174,818
G33	271	3,569	1,620	5,189
G39	137	12,495	198	12,693
G41	42	11,027	47,368	58,395
G42	54	178,835	114,169	293,005
G43	71	48,314	2,468	50,782
G44	227	139,494	52,923	192,417
G45	14	769	4	773

**Exhibit C-1 (continued)**  
**Waste Generated in 2005 by Source Code,**  
**after Implementation of Steps 1 and 2 of the Methodology**

Source Code	Number of Facilities	Generated Waste Quantity (tons)		
		Nonwastewaters	Wastewaters	Total
G49	277	58,179	239,165	297,344
G61	285	346,031	37,657	383,688
G62	1	3	0	3
G68	11	35,267	1,797	37,064
G75	2	34	0	34
<b>Total</b>	<b>10,156<sup>a</sup></b>	<b>4,818,889</b>	<b>49,692,930</b>	<b>54,511,818</b>

<sup>a</sup> Total number of facilities is not additive because a facility may generate wastes represented by different source codes.

**Exhibit C-2**  
**Waste Generated in 2005 by Number of EPA Hazardous Waste Codes,**  
**after Implementation of Steps 1 and 2 of the Methodology**

Number of EPA Hazardous Waste Codes	Number of Facilities	Generated Waste Quantity (tons)		
		Nonwastewaters	Wastewaters	Total
1	7,071	2,689,841	1,630,849	4,320,690
2	3,507	300,202	1,629,636	1,929,838
3	2,244	143,815	2,489,925	2,633,740
4	2,011	345,830	1,790,028	2,135,858
5	1,262	160,587	1,013,390	1,173,977
6-10	1,574	373,543	2,675,952	3,049,495
11-20	529	93,748	54,677	148,425
21-50	376	99,850	2,676,036	2,775,886
51-100	62	61,248	1,466	62,713
101-300	36	139,411	35,658,211	35,797,622
>300	25	410,814	72,759	483,574
<b>Total</b>	<b>10,156<sup>a</sup></b>	<b>4,818,889</b>	<b>49,692,930</b>	<b>54,511,818</b>

<sup>a</sup> Total number of facilities is not additive because a facility may generate wastes represented by different waste code combinations.

## C.2 Implementation of Step 3

### Exhibit C-3 Waste Generated in 2005 by Source Code, after Implementation of Step 3 of the Methodology

Source Code	Number of Facilities	Generated Waste Quantity (tons)		
		Nonwastewaters	Wastewaters	Total
G01	586	4,581	373,670	378,251
G02	781	9,352	48,983	58,335
G03	1,104	54,654	949,176	1,003,830
G04	270	2,804	667,996	670,801
G05	356	8,775	300,914	309,689
G06	1,562	65,824	8,286	74,110
G07	674	297,891	1,657,010	1,954,901
G08	501	54,074	152,614	206,687
G09	1,686	342,248	931,145	1,273,393
G11	1,932	25,366	3,127	28,493
G12	124	3,100	270	3,370
G13	1,069	81,807	23,399	105,205
G14	563	51,338	2,974	54,312
G15	1,139	30,677	13,418	44,096
G16	686	5,006	148	5,154
G19	1,373	48,254	17,072	65,326
G21	506	1,012,037	33,816	1,045,853
G22	1,467	5,097	1,035	6,132
G23	1,640	394,189	1,432,959	1,827,148
G33	257	2,736	1,456	4,193
<b>Total</b>	<b>8,974</b>	<b>2,499,810</b>	<b>6,619,468</b>	<b>9,119,278</b>

<sup>a</sup> Total number of facilities is not additive because a facility may generate wastes represented by different source codes.

**Exhibit C-4**  
**Waste Generated in 2005 by Number of EPA Hazardous Waste Codes,**  
**after Implementation of Step 3 of the Methodology**

Number of EPA Hazardous Waste Codes	Number of Facilities	Generated Waste Quantity (tons)		
		Nonwastewaters	Wastewaters	Total
1	6,146	1,877,902	1,554,179	3,432,081
2	3,181	254,663	1,418,572	1,673,235
3	1,998	82,350	2,456,673	2,539,023
4	1,807	136,225	815,572	951,797
5	1,100	43,593	117,334	160,927
6-10	1,293	46,622	229,937	276,559
11-20	427	51,114	25,133	76,247
21-50	220	6,117	1,438	7,555
51-100	22	506	630	1,135
101-300	2	5	0	5
>300	3	713	0	713
<b>Total</b>	<b>8,974</b>	<b>2,499,810</b>	<b>6,619,468</b>	<b>9,119,278</b>

<sup>a</sup> Total number of facilities is not additive because a facility may generate wastes represented by different waste code combinations.

**C.3 Implementation of Step 4**

**Exhibit C-5**  
**Waste Generated in 2005 by Source Code,**  
**after Implementation of Step 4 of the Methodology**

Source Code	Number of Facilities	Generated Waste Quantity (tons)		
		Nonwastewaters	Wastewaters	Total
G01	584	4,580	373,366	377,946
G02	781	9,352	48,979	58,331
G03	1,104	54,654	949,137	1,003,791
G04	270	2,804	667,996	670,801
G05	355	8,775	300,914	309,689
G06	1,545	63,764	8,286	72,050
G07	664	257,683	1,647,252	1,904,935
G08	498	52,556	149,912	202,468
G09	1,663	340,551	922,396	1,262,947
G11	1,811	23,873	3,113	26,987
G12	123	3,094	270	3,364
G13	1,064	79,366	21,883	101,249
G14	558	49,037	2,974	52,012
G15	1,138	29,543	13,408	42,951
G16	686	4,982	148	5,130
G19	1,357	45,559	15,790	61,350

Source Code	Number of Facilities	Generated Waste Quantity (tons)		
		Nonwastewaters	Wastewaters	Total
G21	503	1,012,034	33,595	1,045,628
G22	1,361	3,467	973	4,441
G23	1,639	392,970	1,430,521	1,823,491
G33	252	2,710	1,352	4,062
<b>Total</b>	<b>8,862<sup>a</sup></b>	<b>2,441,355</b>	<b>6,592,267</b>	<b>9,033,623</b>

<sup>a</sup> Total number of facilities is not additive because a facility may generate wastes represented by different source codes.



**Appendix D**  
**Reason for Inclusion or Exclusion of**  
**Biennial Report Source Codes in Methodology**

**Exhibit D-1**  
**Reason for Inclusion or Exclusion of Biennial Report Source Codes in Methodology**

Code	Code Description	Included or Excluded	Reason for Inclusion or Exclusion of Source Code in Methodology
<b>Wastes from Ongoing Production and Service Processes</b>			
G01	Dip, flush or spray rinsing (using solvents to clean or prepare parts or assemblies for further processing - i.e. painting or assembly)	Included	The volume of waste generated and/or the quantity of PCs contained in these waste streams may be reduced with the use of best practices; modification of procedures, processes or equipment; and/or substitution of hazardous chemicals with non-hazardous ones. Therefore, these waste streams may offer opportunities for waste minimization.
G02	Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies )	Included	
G03	Plating and phosphating (electro- or non-electroplating or phosphating)	Included	
G04	Etching (using caustics or other methods to remove layers or partial layers)	Included	
G05	Metal forming and treatment (pickling, heat treating, punching, bending, annealing, grinding, hardening, etc.)	Included	
G06	Painting and coating (manufacturing, building, or maintenance)	Included	
G07	Product and by-product processing (direct flow of wastes from chemical manufacturing or processing, etc.)	Included	
G08	Removal of spent process liquids or catalysts (bulk removal of wastes from chemical manufacturing or processing, etc.)	Included	
G09	Other production or service-related processes from which the waste is a direct outflow or result (specify in comments)	Included	
<b>Other Intermittent Events or Processes</b>			
G11	Discarding off-specification or out-of-date chemicals or products (unused chemicals or products - corresponds to P and U hazardous waste codes)	Included	The volume of waste generated and/or the quantity of PCs contained in these waste streams may be reduced with the use of best practices; modification of procedures, processes or equipment; and/or substitution of hazardous chemicals with non-hazardous ones. Therefore, these waste streams may offer opportunities for waste minimization.
G12	Lagoon or sediment dragout and leachate collection (large scale operations in open pits, ponds, or lagoons)	Included	
G13	Cleaning out process equipment (periodic sludge or residual removal from enclosed processes including internal scrubbing or cleaning)	Included	
G14	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)	Included	The volume of waste generated and/or the quantity of PCs contained in these waste streams may be reduced with the use of best practices; modification of procedures, processes or equipment; and/or substitution of hazardous chemicals with non-hazardous ones. Therefore, these waste streams may offer opportunities for waste minimization.
G15	Process equipment change-out or discontinuation of equipment use (final materials and residuals removal including cleaning)	Included	
G16	Oil changes and filter or battery replacement (automotive, machinery, etc)	Included	Used oil and batteries may be recycled. Therefore, these waste streams may offer opportunities for waste minimization.

**Exhibit D-1 (Continued)**  
**Priority Chemical Concentrations Master Table**

<b>Code</b>	<b>Code Description</b>	<b>Included or Excluded</b>	<b>Reason for Inclusion or Exclusion of Source Code in Methodology</b>
G19	Other one-time or intermittent processes (specify in comments)	Included	The volume of waste generated and/or the quantity of PCs contained in these waste streams may be reduced with the use of best practices; modification of procedures, processes or equipment; and/or substitution of hazardous chemicals with non-hazardous ones. Therefore, these waste streams may offer opportunities for waste minimization.
<b>Pollution Control and Waste Management Process Residuals</b>			
G21	Air pollution control devices (baghouse dust or ash from stack scrubbers or precipitators; vapor collection, etc.)	Included	The volume of waste generated and/or the quantity of PCs contained in these waste streams may be reduced with the use of best practices; modification of procedures, processes or equipment; and/or substitution of hazardous chemicals with non-hazardous ones. Therefore, these waste streams may offer opportunities for waste minimization.
G22	Laboratory analytical wastes (used chemicals from laboratory operations)	Included	Used chemicals may be of sufficient quality to be reused or redistributed for use in other laboratory activities. Therefore, these waste streams may offer opportunities for waste minimization.
G23	Wastewater treatment (sludge, filter cake, etc., including wastes from treatment before discharge by NPDES or POTW or by UIC disposal)	Included	The volume of waste generated and/or the quantity of PCs contained in these waste streams may be reduced with the use of waste minimization methods, such as ion exchange and reverse osmosis. Therefore, these waste streams may offer opportunities for waste minimization.
G24	Solvent or product distillation or recovery (sludge, waste solvent, bottoms, from recovery/recycling of used product)	Excluded	These waste streams are waste management process residuals. If the volume of waste generated and/or the quantity of PCs contained in the manufacturing process waste streams (i.e., primary streams) is addressed, there would be a reduction in the quantity of PCs in these residual waste streams (i.e., secondary streams). Therefore, these waste streams do not offer significant opportunities for direct waste minimization.
G25	Hazardous waste management - indicate management method (for residuals from regulated hazardous waste treatment processes - enter the related H code)	Excluded	These waste streams are waste management process residuals. If the volume of waste generated and/or the quantity of PCs contained in the manufacturing process waste streams (i.e., primary streams) is addressed, there
G26	Leachate collection (from landfill operations or other land units)	Excluded	

**Exhibit D-1 (Continued)**  
**Priority Chemical Concentrations Master Table**

Code	Code Description	Included or Excluded	Reason for Inclusion or Exclusion of Source Code in Methodology
G27	Hazardous residual from treatment or recovery of universal waste	Excluded	would be a reduction in the quantity of PCs in these residual waste streams (i.e., secondary streams). Therefore, these waste streams do not offer significant opportunities for direct waste minimization.
<b>Spills and Accidental Releases</b>			
G31	Accidental contamination of products, materials or containers (other than G11)	Excluded	Due to the accidental nature or infrequency of the releases, these waste streams do not offer significant opportunities for waste minimization.
G32	Cleanup of spill residues (infrequent, not routine)	Excluded	
G33	Leak collection and floor sweeping (ongoing, routine)	Included	The volume of waste generated and/or the quantity of PCs contained in these waste streams may be reduced by fixing the leak; the use of best practices; or the modification of procedures, processes or equipment. Therefore, these waste streams may offer opportunities for waste minimization.
G39	Other cleanup of current contamination (specify in comments)	Excluded	Due to the accidental nature or infrequency of the releases, these waste streams do not offer significant opportunities for waste minimization.
<b>Remediation of Past Contamination</b>			
G41	Closure of hazardous waste management unit under RCRA	Excluded	Because these streams originate from clean-up they are not generally suited for waste reduction because the contamination of the waste has already occurred and generation of the waste may represent environmentally desirable removal of the contaminant.
G42	Corrective action at a solid waste management unit under RCRA	Excluded	
G43	Remedial action or emergency response under Superfund	Excluded	
G44	State program or voluntary cleanup	Excluded	
G45	Underground storage tank cleanup	Excluded	
G49	Other remediation (specify in comments)	Excluded	
<b>Waste Not Physically Generated On Site</b>			
G61	Hazardous waste received from off site for storage/bulking and transfer off site for treatment or disposal	Excluded	These waste streams are received from off site for storage/bulking, transfer to another facility, treatment, and/or disposal. They are not physically generated on site. Therefore, opportunities for waste minimization would be best addressed at the original point of generation not at this down-stream point of transfer.

**Exhibit D-1 (Continued)**  
**Priority Chemical Concentrations Master Table**

<b>Code</b>	<b>Code Description</b>	<b>Included or Excluded</b>	<b>Reason for Inclusion or Exclusion of Source Code in Methodology</b>
G62	Hazardous waste received from a foreign country (other than a foreign Department of Defense site, Maquiladora, U.S. territory or protectorate). This site was the generator of record. <i>(2001 BR only)</i>	Excluded	These waste streams are received from a foreign country. They are not physically generated in the U.S. Therefore, these waste streams do not offer opportunities for waste minimization.
G63– G75	Hazardous waste received from a foreign country (other than a foreign Department of Defense site, Maquiladora, U.S. territory or protectorate). This site was the generator of record and is the U.S. Importer. <i>(2003 BR only)</i> Enter the appropriate code from the list below -	Excluded	
G63	Hazardous waste received from Antarctica	Excluded	
G64	Hazardous waste received from Aruba	Excluded	
G65	Hazardous waste received from Bahamas	Excluded	
G66	Hazardous waste received from Belgium	Excluded	These waste streams are received from a foreign country. They are not physically generated in the U.S. Therefore, these waste streams do not offer opportunities for waste minimization.
G67	Hazardous waste received from Brazil	Excluded	
G68	Hazardous waste received from Canada	Excluded	
G69	Hazardous waste received from Holland	Excluded	
G70	Hazardous waste received from Malaysia	Excluded	
G71	Hazardous waste received from Mexico	Excluded	
G72	Hazardous waste received from New Zealand	Excluded	
G73	Hazardous waste received from Taiwan	Excluded	
G74	Hazardous waste received from Venezuela	Excluded	
G75	Hazardous waste received from other foreign country - see Comments for country name	Excluded	

**Appendix E**  
**Assignment of Priority Chemical Concentrations to**  
**Hazardous Waste Code and Waste Form Combinations Used in the**  
**Analysis of Primary Generation Hazardous Wastes from Selected Industries**

**Exhibit E-1**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325188**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4,5-Tetrachlorobenzene	F025	1.1 through 1.3	<i>Wastewaters and Nonwastewaters:</i> Use 15,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 30,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K085	1.1, 1.2, 1.4	<i>Wastewaters and Nonwastewaters:</i> Use 22,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 44,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4-Trichlorobenzene	F025	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
1,2,4-Trichlorobenzene	K085	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 44,000 mg/kg), for all nonwastewaters.
2,4,5-Trichlorophenol	F027	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Cadmium	F006	9.9 through 9.35	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.
Cadmium	F007	9.9 through 9.26, 9.36 through 9.42	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,770 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F009	9.9 through 9.26, 9.38 through 9.41,	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.

**Exhibit E-1 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325188**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
		9.43 through 9.46	<i>Nonwastewaters:</i> Use 3,869 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 7,610 mg/kg), for all nonwastewaters.
Cadmium	K062	9.59	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the only concentration for wastewaters, for all wastewaters and nonwastewaters.
Dibenzofuran	F027	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F027	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Endosulfan, alpha- and beta-	P050	12.1 through 12.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.034 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00135 mg/kg and 0.0667 mg/kg), for all wastewaters and nonwastewaters.
Heptachlor/Heptachlor epoxide	D031	14.1 through 14.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), nonwastewaters.
Heptachlor/Heptachlor epoxide	P059	14.1 through 14.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.
Hexachlorobenzene	D032	15.1 through 15.4	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.13 mg/kg and 200 mg/kg), nonwastewaters.
Hexachlorobenzene	F025	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K085	15.1 through 15.3, 15.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.



**Exhibit E-1 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325188**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	D033	16.1 through 16.5	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.5 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	F025	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	D013	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachloroethane	D034	18.1 through 18.3	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3 mg/kg and 10 mg/kg), for nonwastewaters.
Hexachloroethane	F025	18.1, 18.2, 18.4, 18.5	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachloroethane	U131	18.1, 18.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.01 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because this waste is not expected to be typical for wastes generated by facilities in NAICS code 325188.  <i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325188.
Mercury	D009	20.1, 20.2, 12.4	<i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.

**Exhibit E-1 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325188**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 325188.
Mercury	U151	20.5 through 20.8, 20.29	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F025	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	K171	22.1 through 22.30, 22.93 through 22.104	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 125 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.14 mg/kg and 250 mg/kg), for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorobenzene	F025	23.1 through 22.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	K085	23.1 through 22.5, 23.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachloronitrobenzene (Quintozene)	U185	24.1 through 24.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F027	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	K171	26.5 through 26.22, 26.80 through 26.85	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.

**Exhibit E-1 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325188**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 400 mg/kg), for all nonwastewaters.
Polychlorinated biphenyls (PCBs)	K085	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	K171	28.1 through 28.20, 28.73 through 28.78	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 330 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 660 mg/kg), for all nonwastewaters.
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)anthracene	K171	31.1 through 31.6, 31.39 through 31.41	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit E-2**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 332812**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Cadmium	F006	9.9 through 9.35	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.
Cadmium	F007	9.9 through 9.26, 9.36 through 9.42	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,770 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F008	9.9 through 9.26, 9.36, 9.37	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,204 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,995 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F009	9.9 through 9.26, 9.38 through 9.41, 9.43 through 9.46	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,869 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 7,610 mg/kg), for all nonwastewaters.
Cadmium	F019	9.9 through 9.26, 9.52 through 9.57	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.01 mg/kg and 28 mg/kg), for all nonwastewaters.
Cadmium	K062	9.59	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the only concentration for wastewaters, for all wastewaters and nonwastewaters.

**Exhibit E-2 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 332812**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 332812.</p> <p><i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentration for glass enamel wastes and wastewater treatment residuals/filter press solids/solids from glass polishing were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 332812.</p>
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 332812.</p>
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)pyrene	U022	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit E-3**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4,5-Tetrachlorobenzene	K151	1.1, 1.2, 1.7	<i>Wastewaters and Nonwastewaters:</i> Use 1,575 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 150 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	D041	3.1, 3.2	<i>Wastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 400 mg/kg, the only concentrations for nonwastewaters, for all nonwastewaters.
2,4,5-Trichlorophenol	F027	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthene	F037	5.5 through 5.19	<i>Wastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 2.5 mg/kg), for all nonwastewaters.
Acenaphthene	K051	5.5 through 5.21	<i>Wastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 33 mg/kg), for all nonwastewaters.
Anthracene	F037	7.5 through 7.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 40 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 80 mg/kg), for all nonwastewaters.
Anthracene	K049	7.5 through 7.11, 7.16 through 7.19	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 354 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 667 mg/kg), for all nonwastewaters.
Anthracene	K051	7.5 through 7.11, 7.20 through 7.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 340 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 667 mg/kg), for all nonwastewaters.

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(g,h,i)perylene	K169	8.1 through 8.7, 8.16 through 8.21	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 25 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 49.5 mg/kg), for all nonwastewaters.
Benzo(g,h,i)perylene	K170	8.1 through 8.7, 8.22 through 8.25	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 62 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 23 mg/kg and 100 mg/kg), for all nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Cadmium	F006	9.9 through 9.35	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.
Dibenzofuran	F027	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F027	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00002 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Fluorene	F037	13.3 through 13.10	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 4.3 mg/kg), for all nonwastewaters.
Fluorene	F038	13.3 through 13.10	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 4.3 mg/kg), for all nonwastewaters.
Fluorene	K048	13.1 through 13.7, 13.11, 13.12	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 29 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.66 mg/kg and 58 mg/kg), for all nonwastewaters.
Fluorene	K051	13.1 through 13.7, 13.13, 13.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 24 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 37 mg/kg), for all nonwastewaters.
Fluorene	K169	13.1 through 13.7, 13.15 through 13.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 32 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.3 mg/kg and 62 mg/kg), for all nonwastewaters.
Fluorene	K170	13.1 through 13.7, 13.21 through 13.24	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 131 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 61.875 mg/kg and 200 mg/kg), for all nonwastewaters.
Hexachlorobenzene	D032	15.1 through 15.4	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.13 mg/kg and 200 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K018	15.1 through 15.3, 15.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 385 mg/kg, the average of the minimum and maximum concentrations report for nonwastewaters (i.e., 29 mg/kg and 740 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K151	15.1 through 15.3, 15.11	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	D033	16.1 through 16.5	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.5 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	K018	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.



**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because this waste is not expected to be typical for wastes generated by facilities in NAICS code 324110.</p> <p><i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 324110.</p>
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 324110.</p>
Mercury	U151	20.5 through 20.8, 20.29	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.</p>
Methoxychlor	D014	21.1	<p><i>Wastewaters and Nonwastewaters:</i> Use 6 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.</p>
Naphthalene	F037	22.1 through 22.30, 22.36 through 22.40	<p><i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum reported concentrations for nonwastewaters (i.e., 0.22 mg/kg and 110 mg/kg), for all nonwastewaters.</p>
Naphthalene	F038	22.1 through 22.30, 22.36 through 22.40	<p><i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 110 mg/kg), for all nonwastewaters.</p>
Naphthalene	K048	22.1 through 22.30, 22.55 through 22.58	<p><i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 295 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 550 mg/kg), for all nonwastewaters.</p>
Naphthalene	K049	22.1 through 22.30, 22.59 through 22.63	<p><i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.</p>

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 348 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 15.8 mg/kg and 680 mg/kg), for all nonwastewaters.
Naphthalene	K051	22.1 through 22.30, 22.64 through 22.68	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 324 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 97 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K052	22.1 through 22.30, 22.69 through 22.71	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 282 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K169	22.1 through 22.30, 22.83 through 22.88	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 143 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 6.1 mg/kg and 280 mg/kg), for all nonwastewaters.
Naphthalene	K170	22.1 through 22.30, 22.89 through 22.92	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 211 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 62 mg/kg and 360 mg/kg), for all nonwastewaters.
Naphthalene	K171	22.1 through 22.30, 22.93 through 22.104	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 125 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.14 mg/kg and 250 mg/kg), for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorobenzene	K151	23.1 through 23.4, 23.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorophenol	D037	25.1 through 25.30	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 475,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 950,000 mg/kg), for all nonwastewaters.

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pentachlorophenol	F027	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	F037	26.5 through 26.27	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 166 mg/kg, the average of the minimum and maximum reported concentrations for nonwastewaters (i.e., 0.0948 mg/kg and 332 mg/kg), for all nonwastewaters.
Phenanthrene	F038	26.5 through 26.27, 26.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 220 mg/kg, the average of the minimum and maximum concentrations report for nonwastewaters (i.e., 0.22 mg/kg and 439 mg/kg), for all nonwastewaters.
Phenanthrene	K019	26.5 through 26.27, 26.39	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations report for nonwastewaters (i.e., 11 mg/kg and 21 mg/kg), for all nonwastewaters.
Phenanthrene	K048	26.5 through 26.22, 26.40 through 26.43	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 700 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K049	26.5 through 26.22, 26.44 through 26.48	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 685 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 9.8 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K051	26.5 through 26.22, 26.49 through 26.53	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 715 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 70 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K052	26.5 through 26.22, 26.54 through 26.56	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 681 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 1.4 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K169	26.5 through 26.22,	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
		26.70 through 26.75	(i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 194 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 7.3 mg/kg and 380 mg/kg), for all nonwastewaters.
Phenanthrene	K170	26.5 through 26.22, 26.76 through 26.79	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 600 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 200 mg/kg and 1,000 mg/kg), for all nonwastewaters.
Phenanthrene	K171	26.5 through 26.22, 26.80 through 26.85	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.165 mg/kg and 400 mg/kg), for all nonwastewaters.
Pyrene	F037	28.1 through 28.20, 28.25 through 28.30	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 108 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00352 mg/kg and 216 mg/kg), for all nonwastewaters.
Pyrene	F038	28.1 through 28.20, 28.25 through 28.30	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 108 mg/kg, the average of the minimum and maximum concentrations report for nonwastewaters (i.e., 0.00352 mg/kg and 216 mg/kg), for all nonwastewaters.
Pyrene	K048	28.1 through 28.20, 28.42 through 28.44	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 62 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 31 mg/kg and 93 mg/kg), for all nonwastewaters.
Pyrene	K049	28.1 through 28.20, 28.45 through 28.49	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 97 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 4.5 mg/kg and 190 mg/kg), for all nonwastewaters.
Pyrene	K051	28.1 through 28.20, 28.50 through 28.54	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 112 mg/kg, the average minimum and maximum concentrations for nonwastewaters (i.e., 24 mg/kg and 200 mg/kg), for all nonwastewaters.

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pyrene	K169	28.1 through 28.20, 28.63 through 28.68	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 60 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 120 mg/kg), for all nonwastewaters.
Pyrene	K170	28.1 through 28.20, 28.69 through 28.72	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 410 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 210 mg/kg and 610 mg/kg), for all nonwastewaters.
Pyrene	K171	28.1 through 28.20, 28.73 through 28.78	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 330 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.165 mg/kg and 660 mg/kg), for all nonwastewaters.
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
3-Methylcholanthrene	K170	29.1 through 29.4	<i>Wastewaters and Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all wastewaters and nonwastewaters.
7,12-Dimethylbenz(a)anthracene	K170	30.1 through 30.4	<i>Wastewaters and Nonwastewaters:</i> Use 610 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 1,200 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	F037	31.1 through 31.6, 31.9 through 31.13	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 65 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 130 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K051	31.1 through 31.6, 31.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 105 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K141	31.1 through 31.6, 31.23 through 31.24	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7,875 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 7,850 mg/kg and 7,900 mg/kg), for all nonwastewaters.

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)anthracene	K148	31.1 through 31.6, 31.26 through 31.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,080 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 160 mg/kg and 10,000 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K169	31.1 through 31.6, 31.29 through 31.34	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K170	31.1 through 31.6, 31.35 through 31.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 205 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 390 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K171	31.1 through 31.6, 31.39 through 31.41	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	U018	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F037	32.1 through 32.13	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 63 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 42 mg/kg and 83.2 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	F038	32.1 through 32.11, 32.14, 13.15	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 42 mg/kg and 67.6 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K048	32.1 through 32.11, 32.17	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 20 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.004 mg/kg and 40 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K049	32.1 through 32.11, 32.18	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 95 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.002 mg/kg and 190 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K050	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)pyrene	K051	32.1 through 32.11, 32.19	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.002 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K052	32.1 through 32.11, 32.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.02 mg/kg and 33 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K141	32.1 through 32.11, 32.29, 32.30	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 8,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 8,450 mg/kg and 8,500 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K148	32.1 through 32.11, 32.32 through 32.34	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,815 mg/kg, the average of the minimum and maximum concentrations reported (i.e., 330 mg/kg and 7,300 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K170	32.1 through 32.11, 32.35 through 32.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 141 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 52 mg/kg and 230 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K141	33.1 through 33.4, 33.18, 33.19	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K148	33.1 through 33.4, 33.20 through 33.22	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K170	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for

**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K141	34.1 through 34.5, 34.25, 34.26	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K148	34.1 through 34.5, 34.27 through 34.29	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K170	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K141	35.1, 35.11, 35.12	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,775 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,750 mg/kg and 1,800 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K148	35.1, 35.14 through 35.16	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 718 mg/kg, the average of the minimum and maximum concentrations reported (i.e., 36 mg/kg and 1,400 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K170	35.1, 35.17 through 35.20	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K141	36.1 through 36.4, 36.13, 36.14	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,175 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 6,150 mg/kg and 6,200 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K148	36.1 through 36.4, 36.16 through 36.18	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,705 mg/kg, the average of the minimum and maximum concentrations reported (i.e., 110 mg/kg and 3,300 mg/kg), for all nonwastewaters.



**Exhibit E-3 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 324110**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Indeno[1,2,3-cd]pyrene	K170	36.1 through 36.4, 36.19 through 36.22	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all nonwastewaters.</p>

**Exhibit E-4**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325192**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Acenaphthene	K035	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
Anthracene	K035	7.5 through 7.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325192.  <i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg) for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical of wastes generated by facilities in NAICS code 325192.
Mercury	D009	20.1, 20.4	<i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325192.
Mercury	U151	20.5 through 20.8, 20.29	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	K035	22.52 through 22.54	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and

**Exhibit E-4 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325192**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters.
Phenanthrene	K035	26.5 through 26.22	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	U051	26.5 through 26.22, 26.86 through 26.92	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 35,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 28,000 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Pyrene	K035	28.1 through 28.20	<i>Wastewaters and Nonwastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	U051	28.1 through 28.20, 28.31 through 28.39	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 13,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9,200 mg/kg and 17,000 mg/kg), for all nonwastewaters.
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)anthracene	K035	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K147	31.25	<i>Wastewaters and Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5,400 mg/kg and 7,400 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K148	31.1 through 31.6, 31.26 through 31.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,080 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 160 mg/kg and 10,000 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	U018	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K035	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K147	32.1 through 32.11, 32.31	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,500 mg/kg and 8,300 mg/kg), for all nonwastewaters.

**Exhibit E-4 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325192**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)pyrene	K148	32.1 through 32.11, 32.32 through 32.34	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,815 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 330 mg/kg and 7,300 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	U022	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K035	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K147	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K148	33.1 through 33.4, 33.20 through 33.22	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K147	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K148	34.1 through 34.5, 34.27 through 34.29	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K035	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K147	35.1, 35.13	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,160 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 720 mg/kg and 1,600 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K148	35.1, 35.14 through 35.16	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 718 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 36 mg/kg and 1,400 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K035	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum

**Exhibit E-4 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325192**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K147	36.1 through 36.4, 36.15	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 4,100 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K148	36.1 through 36.4, 36.16 through 36.18	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,705 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 110 mg/kg and 3,300 mg/kg), for all nonwastewaters.

**Exhibit E-5**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331312**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
2,4,5-Trichlorophenol	F022	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthene	K088	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
Anthracene	K088	7.5 through 7.11, 7.23 through 7.30	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 31 mg/kg), for all nonwastewaters.
Benzo(g,h,i)perylene	K088	8.1 through 8.15	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 140 mg/kg), for all nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Dibenzofuran	F022	10.1 and 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F022	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit E-5 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331312**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration reported for battery industry wastewaters was not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 331312.</p> <p><i>Nonwastewaters:</i> Use 25,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations reported for glass enamel waste were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 331312.</p>
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercury oxide waste from recycling of batteries were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 331312.</p>
Mercury	U151	20.5 through 20.8, 20.29	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration reported for nonwastewaters, for all nonwastewaters.</p>
Pentachlorophenol	F022	25.1 through 25.29	<p><i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.</p>
Phenanthrene	K088	26.5 through 26.22, 26.62 through 26.69	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 140 mg/kg), for all nonwastewaters.</p>
Pyrene	K088	28.1 through 28.20, 28.55 through 28.62	<p><i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations reported for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.2 mg/kg and 200 mg/kg), for all nonwastewaters.</p>
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)anthracene	K088	31.1 through 31.6, 31.15 through 31.22	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p>

**Exhibit E-5 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331312**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 80 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 160 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K088	32.1 through 32.11, 32.21 through 32.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 90 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 180 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K088	33.1 through 33.4, 33.10 through 33.17	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K088	34.1 through 34.5, 34.17 through 34.24	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K088	35.1, 35.3 through 35.10	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 24 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 48 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K088	36.1 through 36.12	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 60 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 120 mg/kg), for all nonwastewaters.



**Exhibit E-6**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325320**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
2,4,5-Trichlorophenol	F027	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F032	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthene	F032	5.1 through 5.3	<i>Wastewaters:</i> Use 151 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 300 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,020 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 8,000 mg/kg), for all nonwastewaters.
Acenaphthene	F034	5.1, 5.4	<i>Wastewaters:</i> Use 151 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 300 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Anthracene	F032	7.1 through 7.3	<i>Wastewaters:</i> Use 210 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 20 mg/kg and 400 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,515 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 30 mg/kg and 7,000 mg/kg), for all nonwastewaters.
Anthracene	F034	7.1, 7.4	<i>Wastewaters:</i> Use 210 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 20 mg/kg and 400 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 20,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Dibenzofuran	F027	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F032	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum

**Exhibit E-6 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325320**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F027	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F032	11.1 through 11.67	<i>Wastewaters:</i> Use 0.15 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.0000006 mg/kg and 0.3 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.000001 mg/kg and 100 mg/kg), for all nonwastewaters.
Endosulfan, alpha- and beta-	P050	12.1 through 12.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.034 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00135 mg/kg and 0.0667 mg/kg), for all wastewaters and nonwastewaters.
Fluorene	F034	13.1, 13.2	<i>Wastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.3 mg/kg and 200 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,400 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 800 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Heptachlor/Heptachlor epoxide	D031	14.1 through 14.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.
Heptachlor/Heptachlor epoxide	P059	14.1 through 14.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.
Hexachlorobenzene	D032	15.1 through 15.4	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.13 mg/kg and 200 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	U128	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-	D013	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum

**Exhibit E-6 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325320**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
(Lindane)			concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	U129	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachloroethane	D034	18.1 through 18.3	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3 mg/kg and 10 mg/kg), for all nonwastewaters.
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325320.  <i>Nonwastewaters:</i> Use 25,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., .04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325320.
Mercury	D009	20.1, 20.4	<i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercury oxide waste from recycling of batteries were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325320.
Methoxychlor	D014	21.1	<i>Wastewaters and Nonwastewaters:</i> Use 6 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Methoxychlor	U247	21.1	<i>Wastewaters and Nonwastewaters:</i> Use 6 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Naphthalene	F032	22.1 through 22.30, 22.32, 22.33	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 10,025 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 50 mg/kg and 20,000 mg/kg), for all nonwastewaters.
Naphthalene	F034	22.34, 22.35	<i>Wastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 400 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 30,350 mg/kg, the average of the minimum and maximum concentrations for

**Exhibit E-6 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325320**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters (i.e., 700 mg/kg and 60,000 mg/kg), for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Pentachloronitrobenzene (Quintozene)	U185	24.1 through 24.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F027	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F032	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	F032	26.1, 26.3	<i>Wastewaters:</i> Use 300 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.9 mg/kg and 600 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,150 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 300 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Phenanthrene	F034	26.1, 26.4	<i>Wastewaters:</i> Use 300 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.9 mg/kg and 600 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40,000 mg/kg and 70,000 mg/kg), for all nonwastewaters.
Phenanthrene	U051	26.5 through 26.22, 26.49 through 26.53	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 35,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 28,000 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Pyrene	F032	28.1 through 28.22	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,015 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 30 mg/kg and 10,000 mg/kg), for all nonwastewaters.
Pyrene	F034	28.23, 28.24	<i>Wastewaters:</i> Use 150 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.2 mg/kg and 300 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 30,000 mg/kg), for all nonwastewaters.

**Exhibit E-6 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325320**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pyrene	U051	28.1 through 28.20, 28.31 through 28.39	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 13,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9,200 mg/kg and 17,000 mg/kg), for all nonwastewaters.
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)anthracene	F032	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	F034	31.7, 31.8	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.03 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,150 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 300 mg/kg and 8,000 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	F032	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F034	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	U022	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	F032	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	F034	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	F032	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	F034	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	F032	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	F034	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	F032	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and

**Exhibit E-6 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325320**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters.
Indeno[1,2,3-cd]pyrene	F034	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit E-7**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4,5-Tetrachlorobenzene	F024	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	F025	1.1 through 1.3	<i>Wastewaters and Nonwastewaters:</i> Use 15,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 30,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K085	1.1, 1.2, 1.4	<i>Wastewaters and Nonwastewaters:</i> Use 22,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 44,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K149	1.1, 1.2, 1.5	<i>Wastewaters and Nonwastewaters:</i> Use 1,625 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 250 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K150	1.1, 1.2, 1.6	<i>Wastewaters and Nonwastewaters:</i> Use 4,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K151	1.1, 1.2, 1.7	<i>Wastewaters and Nonwastewaters:</i> Use 1,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	U207	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4-Trichlorobenzene	F024	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
1,2,4-Trichlorobenzene	F025	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.

**Exhibit E-7 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4-Trichlorobenzene	K085	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 44,000 mg/kg), for all nonwastewaters.
1,2,4-Trichlorobenzene	K150	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 12,000 mg/kg), for all nonwastewaters.
2,4,5-Trichlorophenol	F021	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F027	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Dibenzofuran	F021	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F027	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F021	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F027	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorobenzene	D032	15.1 through 15.4	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for



**Exhibit E-7 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters (i.e., 0.13 mg/kg and 200 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F024	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F025	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K016	15.1 through 15.3, 15.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 99 mg/kg and 54,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K018	15.1 through 15.3, 15.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 385 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 29 mg/kg and 740 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K085	15.1 through 15.3, 15.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K149	15.1 through 15.3, 15.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K150	15.1 through 15.3, 15.10	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K151	15.1 through 15.3, 15.11	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for

**Exhibit E-7 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	D033	16.1 through 16.5	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 0.5 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	F024	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	F025	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	K016	16.1 through 16.4, 16.7	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 57,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 34,000 mg/kg and 81,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	K018	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	D013	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	U129	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachloroethane	D034	18.1 through 18.3	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3 mg/kg and 10 mg/kg), for all nonwastewaters.
Hexachloroethane	F024	18.1, 18.2, 18.4, 18.5	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.

**Exhibit E-7 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachloroethane	F025	18.1, 18.2, 18.4, 18.5	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachloroethane	K016	18.1, 18.2	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 31,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 25,000 mg/kg and 38,000 mg/kg), for all nonwastewaters.
Hexachloroethane	U131	18.1, 18.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because this waste is not expected to be typical for wastes generated by facilities in NAICS code 325181.  <i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325181.
Mercury	D009	20.1, 20.4	<i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 325181.
Mercury	K071	20.5 through 20.9	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 507 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 1,000 mg/kg), for all nonwastewaters.
Mercury	K106	20.7, 20.8, 20.10 through 20.24	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.

**Exhibit E-7 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 81,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 161,000 mg/kg), for all nonwastewaters.
Mercury	U151	20.5 through 20.8, 20.29	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F024	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F025	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorobenzene	F024	23.1 through 22.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	F025	23.1 through 22.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	K085	23.1 through 22.5, 23.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K149	23.1 through 22.5, 23.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.

**Exhibit E-7 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 1,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K150	23.1 through 22.5, 23.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,100 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K151	23.1 through 23.4, 23.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorophenol	D037	25.1 through 25.30	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 475,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 950,000 mg/kg), for all nonwastewaters.
Pentachlorophenol	F021	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F027	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	K019	26.5 through 26.27, 26.39	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 21 mg/kg), for all nonwastewaters.
Phenanthrene	U051	26.5 through 26.22, 26.86 through 26.92	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 35,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 28,000 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Polychlorinated biphenyls (PCBs)	K085	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	U051	28.1 through 28.20, 28.31 through 28.39	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.

**Exhibit E-7 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325181**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 13,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9,200 mg/kg and 17,000 mg/kg), for all nonwastewaters.

**Exhibit E-8**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331492**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Acenaphthene	K088	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
Anthracene	K088	7.5 through 7.11, 7.23 through 7.30	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 31 mg/kg), for all nonwastewaters.
Benzo(g,h,i)perylene	K088	8.1 through 8.15	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 140 mg/kg), for all nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Cadmium	F006	9.9 through 9.35	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.
Cadmium	F007	9.9 through 9.26, 9.36 through 9.42	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,770 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F008	9.9 through 9.26, 9.36, 9.37	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,204 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,995 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F009	9.9 through 9.26, 9.38 through 9.41, 9.43 through 9.46	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.

**Exhibit E-8 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331492**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 3,869 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 7,610 mg/kg), for all nonwastewaters.
Cadmium	K061	9.9 through 9.26, 9.58	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Cadmium	K069	9.9 through 9.26, 9.60	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 72 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 130 mg/kg), for all nonwastewaters.
Lead	D008	19.1, 19.3 through 19.7, 19.10 through 19.13	<i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because this waste is not expected to be typical for wastes generated by facilities in NAICS code 331492.  <i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 331492.
Lead	K061	19.20 through 19.43	<i>Wastewaters:</i> Use 146 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 292 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 37,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 24,000 mg/kg and 50,000 mg/kg), for all nonwastewaters.
Lead	K069	19.20 through 19.42, 19.44	<i>Wastewaters:</i> Use 146 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 292 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,989 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 650 mg/kg and 3,327 mg/kg), for all nonwastewaters.



**Exhibit E-8 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331492**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 331492.</p>
Mercury	U151	20.5 through 20.8, 20.29	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.</p>
Naphthalene	K171	22.1 through 22.30, 22.93 through 22.104	<p><i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 125 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.14 mg/kg and 250 mg/kg), for all nonwastewaters.</p>
Naphthalene	U165	22.1 through 22.30	<p><i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.</p>
Phenanthrene	K088	26.5 through 26.22, 26.62 through 26.69	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 140 mg/kg), for all nonwastewaters.</p>
Phenanthrene	K171	26.5 through 26.22, 26.80 through 26.85	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 400 mg/kg), for all nonwastewaters.</p>
Pyrene	K088	28.1 through 28.20, 28.55 through 28.62	<p><i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.2 mg/kg and 200 mg/kg), for all nonwastewaters.</p>
Pyrene	K171	28.1 through 28.20, 28.73 through 28.78	<p><i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.</p>

**Exhibit E-8 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331492**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 330 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 660 mg/kg), for all nonwastewaters.
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)anthracene	K088	31.1 through 31.6, 31.15 through 31.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 80 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 160 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K171	31.1 through 31.6, 31.39 through 31.41	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 14 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K088	32.1 through 32.11, 32.21 through 32.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 90 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 180 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K088	33.1 through 33.4, 33.10 through 33.17	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K088	34.1 through 34.5, 34.17 through 34.24	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K088	35.1, 35.3 through 35.10	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 24 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 48 mg/kg), for all nonwastewaters.

**Exhibit E-8 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331492**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Indeno[1,2,3-cd]pyrene	K088	36.1 through 36.12	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 60 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 120 mg/kg), for all nonwastewaters.</p>

**Exhibit E-9**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331111**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
2,4,5-Trichlorophenol	K001	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthylene	K087	6.1 through 6.5	<i>Wastewaters and Nonwastewaters:</i> Use 17,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10,000 mg/kg and 24,200 mg/kg), for all wastewaters and nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Cadmium	F006	9.9 through 9.35	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.
Cadmium	F007	9.9 through 9.26, 9.36 through 9.42	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,770 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F008	9.9 through 9.26, 9.36, 9.37	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,204 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,995 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F009	9.9 through 9.26, 9.38 through 9.41, 9.43 through 9.46	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,869 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 7,610 mg/kg), for all nonwastewaters.

**Exhibit E-9 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331111**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	K061	9.9 through 9.26, 9.58	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Cadmium	K062	9.59	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the only concentration for wastewaters, for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	D013	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	U129	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because this waste is not expected to be typical for wastes generated by facilities in NAICS code 331111.  <i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 331111.
Lead	K061	19.20 through 19.43	<i>Wastewaters:</i> Use 146 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 292 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 37,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 24,000 mg/kg and 50,000 mg/kg), for all nonwastewaters.
Mercury	D009	20.1, 20.4	<i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 331111.

**Exhibit E-9 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331111**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Mercury	U151	20.5 through 20.8, 20.29	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	K001	22.1 through 22.30, 22.41 through 22.51	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,420 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,200 mg/kg and 43,640 mg/kg), for all nonwastewaters.
Naphthalene	K087	22.1 through 22.30, 22.73 through 22.78	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 65,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 36,000 mg/kg and 95,000 mg/kg), for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	K001	25.1 through 25.29, 25.31 through 25.37	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,501 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.84 mg/kg and 3,000 mg/kg), for all nonwastewaters.
Phenanthrene	K001	26.5 through 26.22, 26.29 through 26.37	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,600 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3,200 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Phenanthrene	K087	26.5 through 26.22, 26.57 through 26.61	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 29,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 15,000 mg/kg and 43,200 mg/kg), for all nonwastewaters.
Pyrene	K001	28.1 through 28.20, 28.31 through 28.41	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 8,526 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 52 mg/kg and 17,000 mg/kg), for all nonwastewaters.

**Exhibit E-9 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331111**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)anthracene	K141	31.1 through 31.6, 31.23, 31.24	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7,875 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 7,850 mg/kg and 7,900 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K142	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K143	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K144	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K147	31.25	<i>Wastewaters and Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5,400 mg/kg and 7,400 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K001	32.1 through 32.11, 32.16	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5.98 mg/kg, only concentration for nonwastewaters, for all nonwastewaters.
Benzo(a)pyrene	K141	32.1 through 32.11, 32.29, 32.30	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 8,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 8,450 mg/kg and 8,500 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K142	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K143	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K144	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K147	32.1 through 32.11, 32.31	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,500 mg/kg and 8,300 mg/kg), for all nonwastewaters.

**Exhibit E-9 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331111**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(b)fluoranthene	K001	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K141	33.1 through 33.4, 33.18, 33.19	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K142	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K143	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K144	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K147	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K141	34.1 through 34.5, 34.25, 34.26	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K142	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K143	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K144	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K147	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K001	35.1, 35.2	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 52 mg/kg, only concentration for nonwastewaters, for all nonwastewaters.
Dibenzo(a,h)anthracene	K141	35.1, 35.11, 35.12	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,775 mg/kg, the average of the minimum and maximum concentrations for



**Exhibit E-9 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 331111**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters (i.e., 1,750 mg/kg and 1,800 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K142	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K144	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K147	35.1, 35.13	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,160 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 720 mg/kg and 1,600 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K001	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K141	36.1 through 36.4, 36.13, 36.14	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,175 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 6,150 mg/kg and 6,200 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K142	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K147	36.1 through 36.4, 36.15	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 4,100 mg/kg), for all nonwastewaters.

**Exhibit E-10**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 335991**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	D006	9.1 through 9.8	<p><i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.</p>
Cadmium	F006	9.9 through 9.35	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.</p>
Lead	D008	19.1 through 19.7, 19.12, 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 335912.</p>
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 335912.</p>

**Exhibit E-11**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 335912**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	D006	9.1 through 9.8	<p><i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.</p>
Cadmium	F006	9.9 through 9.35	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.</p>
Lead	D008	19.1 through 19.7, 19.12, 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 335912.</p>
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 335912.</p>

**Exhibit E-12**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 335911**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	D006	9.1 through 9.8	<p><i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.</p>
Cadmium	F006	9.9 through 9.35	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.</p>
Lead	D008	19.1 through 19.7, 19.12, 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 335911.</p>
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for primary generation hazardous wastes generated by facilities in NAICS code 335911.</p>

### Exhibit E-13

## Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4,5-Tetrachlorobenzene	F024	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	F025	1.1 through 1.3	<i>Wastewaters and Nonwastewaters:</i> Use 15,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 30,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K085	1.1, 1.2, 1.4	<i>Wastewaters and Nonwastewaters:</i> Use 22,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 44,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K149	1.1, 1.2, 1.5	<i>Wastewaters and Nonwastewaters:</i> Use 1,625 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 250 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	U207	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4-Trichlorobenzene	F024	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
1,2,4-Trichlorobenzene	F025	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
1,2,4-Trichlorobenzene	K085	2.1 through 2.19, 2.21	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 44,000 mg/kg), for all nonwastewaters.
2,4,5-Trichlorophenol	F022	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F027	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Acenaphthene	K035	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthene	K051	5.7 through 5.21	<i>Wastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 33 mg/kg), for all nonwastewaters.
Anthracene	K015	7.5 through 7.11, 7.15	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Anthracene	K035	7.5 through 7.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Anthracene	K051	7.5 through 7.11, 7.20 through 7.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 340 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 667 mg/kg), for all nonwastewaters.
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Cadmium	F006	9.9 through 9.35	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.
Cadmium	F007	9.9 through 9.26, 9.36 through 9.42	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,770 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,412 mg/kg), for all nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	F008	9.9 through 9.26, 9.36, 9.37	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,204 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,995 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F009	9.9 through 9.26, 9.38 through 9.41, 9.43 through 9.46	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,869 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 7,610 mg/kg), for all nonwastewaters.
Cadmium	F010	9.9 through 9.26, 9.47 through 9.49	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,428 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 792 mg/kg and 4,063 mg/kg), for all nonwastewaters.
Dibenzofuran	F022	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F027	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F022	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F027	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Endosulfan, alpha- and beta-	P050	12.1 through 12.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.034 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00135 mg/kg and 0.0667 mg/kg), for all wastewaters and nonwastewaters.
Fluorene	F038	13.3 through 13.10	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 4.3 mg/kg), for all nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Fluorene	K048	13.3 through 13.7, 13.11, 13.12	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 29 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.66 mg/kg and 58 mg/kg), for all nonwastewaters.
Fluorene	K051	13.3 through 13.7, 13.3, 13.4	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 24 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 37 mg/kg), for all nonwastewaters.
Heptachlor/Heptachlor epoxide	D031	14.1 through 14.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.
Hexachlorobenzene	D032	15.1 through 15.4	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.13 mg/kg and 200 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F024	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F025	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K018	15.1 through 15.3, 15.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 385 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 29 mg/kg and 740 mg/kg), for all nonwastewaters.



**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Hexachlorobenzene	K085	15.1 through 15.3, 15.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K149	15.1 through 15.3, 15.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	D033	16.1 through 16.5	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.5 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	F024	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	F025	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	K018	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorobutadiene	U128	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	D013	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane, gamma-(Lindane)	U129	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Hexachloroethane	D034	18.1 through 18.3	<p><i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3 mg/kg and 10 mg/kg), for all nonwastewaters.</p>
Hexachloroethane	F024	18.1, 18.2, 18.4, 18.5	<p><i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.</p>
Hexachloroethane	F025	18.1, 18.2, 18.4, 18.5	<p><i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.</p>
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters. The concentration for battery industry wastewaters was not used because this waste is not expected to be typical for wastes generated by facilities in NAICS code 325199.</p> <p><i>Nonwastewaters:</i> Use 24,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 49,000 mg/kg), for all nonwastewaters. The concentrations for glass enamel waste, lead slag, and lead dross/fly ash were not used because these forms of waste are not expected to be typical for wastes generated by facilities in NAICS code 325199.</p>
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for wastes generated by facilities in NAICS code 325199.</p>
Mercury	K106	20.5 through 20.8, 20.10 through 20.24	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 81,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 161,000 mg/kg), for all nonwastewaters.</p>

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Mercury	U151	20.5 through 20.8, 20.29	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Methoxychlor	D014	21.1	<i>Wastewaters and Nonwastewaters:</i> Use 6 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Naphthalene	F024	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F025	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F038	22.1 through 22.30, 22.36 through 22.40	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 110 mg/kg), for all nonwastewaters.
Naphthalene	K035	22.1 through 22.30, 22.52 through 22.54	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Naphthalene	K048	22.1 through 22.30, 22.55 through 22.58	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 295 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 550 mg/kg), for all nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Naphthalene	K051	22.1 through 22.30, 22.64 through 22.68	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 324 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 97 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K171	22.1 through 22.30, 22.93 through 22.104	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 125 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.14 mg/kg and 250 mg/kg), for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorobenzene	F024	23.1 through 23.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	F025	23.1 through 23.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	K085	23.1 through 23.4, 23.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K149	23.1 through 23.4, 23.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pentachloronitrobenzene (Quintozene)	U185	24.1 through 24.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	D037	25.1 through 25.30	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 475,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 950,000 mg/kg), for all nonwastewaters.
Pentachlorophenol	F022	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F027	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	F038	26.5 through 26.26, 26.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 220 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 439 mg/kg), for all nonwastewaters.
Phenanthrene	K015	26.5 through 26.22, 26.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Phenanthrene	K019	26.5 through 26.22, 26.39	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 21 mg/kg), for all nonwastewaters.
Phenanthrene	K035	26.5 through 26.22	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	K048	26.5 through 26.22, 26.40 through 26.43	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 700 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 1,360 mg/kg), for all nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Phenanthrene	K051	26.5 through 26.22, 26.49 through 26.53	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 715 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 70 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K171	26.5 through 26.22, 26.80 through 26.85	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 400 mg/kg), for all nonwastewaters.
Phenanthrene	U051	26.5 through 26.22, 26.86 through 26.92	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 35,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 28,000 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Polychlorinated biphenyls (PCBs)	K085	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Polychlorinated biphenyls (PCBs)	K105	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	F038	28.1 through 28.20, 28.25 through 28.30	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 108 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00352 mg/kg and 216 mg/kg), for all nonwastewaters.
Pyrene	K035	28.1 through 28.20	<i>Wastewaters and Nonwastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	K048	28.1 through 28.20, 28.42 through 28.44	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 62 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 31 mg/kg and 93 mg/kg), for all nonwastewaters.
Pyrene	K051	28.1 through 28.20, 28.50 through 28.54	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 112 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 24 mg/kg and 200 mg/kg), for all nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pyrene	K171	28.1 through 28.20, 28.73 through 28.78	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 330 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 660 mg/kg), for all nonwastewaters.
Pyrene	U051	28.1 through 28.20, 28.31 through 28.39	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 13,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9,200 mg/kg and 17,000 mg/kg), for all nonwastewaters.
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
Benzo(a)anthracene	K035	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K051	31.1 through 31.6, 31.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 105 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K171	31.1 through 31.6, 31.39 through 31.41	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 14 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	U018	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F038	32.1 through 32.11, 32.14, 32.15	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 42 mg/kg and 67.6 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K035	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K048	32.1 through 32.11, 32.17	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 20 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.004 mg/kg and 40 mg/kg), for all nonwastewaters.

**Exhibit E-13 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes from Facilities in NAICS Code 325199**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)pyrene	K051	32.1 through 32.11, 32.19	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.002 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	U022	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K015	33.1 through 33.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,141 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 982 mg/kg and 5,300 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K035	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K015	34.1 through 34.16	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,655 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 9,300 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K035	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K035	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.



## **Appendix F**

**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations  
Used in the Analysis of Primary Generation Hazardous Wastes Containing Selected Priority Chemicals**

**Exhibit F-1**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing 1,2,4,5-Tetrachlorobenzene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4,5-Tetrachlorobenzene	F024	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	F025	1.1 through 1.3	<i>Wastewaters and Nonwastewaters:</i> Use 15,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1,000 mg/kg and 30,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K085	1.1, 1.2, 1.4	<i>Wastewaters and Nonwastewaters:</i> Use 22,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1,000 mg/kg and 44,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K149	1.1, 1.2, 1.5	<i>Wastewaters and Nonwastewaters:</i> Use 1,625 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 250 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K150	1.1, 1.2, 1.6	<i>Wastewaters and Nonwastewaters:</i> Use 4,000 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1,000 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K151	1.1, 1.2, 1.7	<i>Wastewaters and Nonwastewaters:</i> Use 1,575 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 150 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	U207	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-2**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing 1,2,4-Trichlorobenzene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4-Trichlorobenzene	F024	2.1 through 2.20	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.</p>
1,2,4-Trichlorobenzene	F025	2.1 through 2.20	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.</p>
1,2,4-Trichlorobenzene	K085	2.1 through 2.19, 2.21	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 22,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 44,000 mg/kg), for all nonwastewaters.</p>
1,2,4-Trichlorobenzene	K150	2.1 through 2.19, 2.22	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 6,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 12,000 mg/kg), for all nonwastewaters.</p>

**Exhibit F-3**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing 2,4,5-Trichlorophenol**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
2,4,5-Trichlorophenol	D041	3.1, 3.2	<i>Wastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 400 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
2,4,5-Trichlorophenol	F020	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F021	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F022	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F023	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F026	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F027	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F032	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	K001	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-4**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Acenaphthene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Acenaphthene	F032	5.1 through 5.3	<i>Wastewaters:</i> Use 151 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 300 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,020 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 8,000 mg/kg), for all nonwastewaters.
Acenaphthene	F034	5.1, 5.4	<i>Wastewaters:</i> Use 151 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 300 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Acenaphthene	F037	5.5 through 5.19	<i>Wastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 2.5 mg/kg), for all nonwastewaters.
Acenaphthene	K035	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthene	K051	5.7 through 5.21	<i>Wastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 33 mg/kg and 10 mg/kg), for all nonwastewaters.
Acenaphthene	K088	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-5**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Acenaphthylene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Acenaphthylene	K087	6.1 through 6.5	<i>Wastewaters and Nonwastewaters:</i> Use 17,100 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 10,000 mg/kg and 24,200 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-6**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Anthracene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Anthracene	F032	7.1 through 7.3	<i>Wastewaters:</i> Use 210 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 20 mg/kg and 400 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,515 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 30 mg/kg and 7,000 mg/kg), for all nonwastewaters.
Anthracene	F034	7.1, 7.4	<i>Wastewaters:</i> Use 210 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 20 mg/kg and 400 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 20,000 mg/kg, the only reported concentration for nonwastewaters, for all nonwastewaters.
Anthracene	F037	7.5 through 7.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 40 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 80 mg/kg), for all nonwastewaters.
Anthracene	K015	7.5 through 7.11, 7.15	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Anthracene	K035	7.5 through 7.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Anthracene	K049	7.5 through 7.11, 7.16 through 7.19	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 354 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 667 mg/kg), for all nonwastewaters.
Anthracene	K051	7.5 through 7.11, 7.20 through 7.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 340 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 667 mg/kg), for all nonwastewaters.

**Exhibit F-6 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Anthracene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Anthracene	K088	7.5 through 7.11, 7.23 through 7.30	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 31 mg/kg), for all nonwastewaters.</p>



**Exhibit F-7**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Benzo(g,h,i)perylene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(g,h,i)perylene	K088	8.1 through 8.15	<p><i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 140 mg/kg), for all nonwastewaters.</p>
Benzo(g,h,i)perylene	K169	8.1 through 8.7, 8.16 through 8.21	<p><i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 25 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 49.5 mg/kg), for all nonwastewaters.</p>
Benzo(g,h,i)perylene	K170	8.1 through 8.7, 8.22 through 8.25	<p><i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 62 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 23 mg/kg and 100 mg/kg), for all nonwastewaters.</p>

**Exhibit F-8**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Cadmium**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	D006	9.1 through 9.8	<i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.
Cadmium	F006	9.9 through 9.35	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.
Cadmium	F007	9.9 through 9.26, 9.36 through 9.42	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,770 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F008	9.9 through 9.26, 9.36, 9.37	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,204 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,995 mg/kg and 3,412 mg/kg), for all nonwastewaters.
Cadmium	F009	9.9 through 9.26, 9.38 through 9.41, 9.43 through 9.46	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,869 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 7,610 mg/kg), for all nonwastewaters.
Cadmium	F010	9.9 through 9.26, 9.47 through 9.49	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,428 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 792 mg/kg and 4,063 mg/kg), for all nonwastewaters.

**Exhibit F-8 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Cadmium**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Cadmium	F011	9.9 through 9.26, 9.44, 9.45, 9.50	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,428 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 792 mg/kg and 4,063 mg/kg), for all nonwastewaters.
Cadmium	F012	9.9 through 9.26, 9.41, 9.43, 9.50, 9.51	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,676 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,223 mg/kg), for all nonwastewaters.
Cadmium	F019	9.9 through 9.26, 9.52 through 9.57	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.01 mg/kg and 28 mg/kg), for all nonwastewaters.
Cadmium	K061	9.9 through 9.26, 9.58	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Cadmium	K062	9.59	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the only concentration for wastewaters, for all wastewaters and nonwastewaters.
Cadmium	K069	9.9 through 9.26, 9.60	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 72 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 130 mg/kg), for all nonwastewaters.

**Exhibit F-9**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Dibenzofuran**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Dibenzofuran	F020	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F021	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F022	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F023	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F026	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F027	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F032	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-10**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Dioxins/Furans**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Dioxins/Furans	F020	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F021	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F022	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F023	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F026	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F027	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F032	11.68 through 11.89	<i>Wastewaters:</i> Use 0.15 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.000006 mg/kg and 0.3 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.000001 mg/kg and 100 mg/kg), for all nonwastewaters.
Dioxins/Furans	K174	11.90 through 11.105	<i>Wastewaters and Nonwastewaters:</i> Use 0.106 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.000008 mg/kg and 0.212 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-11**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Endosulfan, alpha- and beta-**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Endosulfan, alpha- and beta-	P050	12.1 through 12.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.034 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.00135 mg/kg and 0.0667 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-12**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Fluorene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Fluorene	F034	13.1, 13.2	<i>Wastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.3 mg/kg and 200 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,400 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 800 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Fluorene	F037	13.3 through 13.10	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 4.3 mg/kg), for all nonwastewaters.
Fluorene	F038	13.3 through 13.10	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 4.3 mg/kg), for all nonwastewaters.
Fluorene	K048	13.1 through 13.7, 13.11, 13.12	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 29 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.66 mg/kg and 58 mg/kg), for all nonwastewaters.
Fluorene	K051	13.1 through 13.7, 13.13, 13.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 24 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 37 mg/kg), for all nonwastewaters.
Fluorene	K169	13.1 through 13.7, 13.15 through 13.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 32 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.3 mg/kg and 62 mg/kg), for all nonwastewaters.
Fluorene	K170	13.1 through 13.7, 13.21 through 13.24	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 131 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 61.875 mg/kg and 200 mg/kg), for all nonwastewaters.
Fluorene	U005	13.1 through 13.7	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

### Exhibit F-13

#### Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations Used in the Analysis of Primary Generation Hazardous Wastes Containing Heptachlor/Heptachlor Epoxide

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Heptachlor/Heptachlor Epoxide	D031	14.1 through 14.9	<p><i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.</p>
Heptachlor/Heptachlor Epoxide	P059	14.1 through 14.9	<p><i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.</p>



**Exhibit F-14**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Hexachlorobenzene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Hexachlorobenzene	D032	15.1 through 15.4	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.13 mg/kg and 200 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F024	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F025	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F026	15.1 through 15.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorobenzene	K016	15.1 through 15.3, 15.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 99 mg/kg and 54,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K018	15.1 through 15.3, 15.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 385 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 29 mg/kg and 740 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K085	15.1 through 15.3, 15.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.

**Exhibit F-14 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Hexachlorobenzene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Hexachlorobenzene	K149	15.1 through 15.3, 15.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K150	15.1 through 15.3, 15.10	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K151	15.1 through 15.3, 15.11	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	U127	15.1 through 15.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-15**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Hexachlorobutadiene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Hexachlorobutadiene	D033	16.1 through 16.5	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.5 mg/kg, the only reported concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	F024	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	F025	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	K016	16.1 through 16.4, 16.7	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 57,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 34,000 mg/kg and 81,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	K018	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorobutadiene	U128	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-16**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Hexachloroethane**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Hexachloroethane	D034	18.1 through 18.3	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3 mg/kg and 10 mg/kg), for all nonwastewaters.
Hexachloroethane	F024	18.1, 18.2, 18.4, 18.5	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachloroethane	F025	18.1, 18.2, 18.4, 18.5	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachloroethane	K016	18.1, 18.2, 18.6	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 31,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 25,000 mg/kg and 38,000 mg/kg), for all nonwastewaters.
Hexachloroethane	U131	18.1, 18.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-17**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Lead**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Lead	D008	19.1 through 19.13	<p><i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 128,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 256,000 mg/kg), for all nonwastewaters.</p>
Lead	K046	19.14 through 19.19	<p><i>Wastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.59 mg/kg and 200 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 98,782 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 63.2 mg/kg and 197,500 mg/kg), for all nonwastewaters.</p>
Lead	K061	19.20 through 19.43	<p><i>Wastewaters:</i> Use 146 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 292 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 37,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 24,000 mg/kg and 50,000 mg/kg), for all nonwastewaters.</p>
Lead	K069	19.20 through 19.42, 19.44	<p><i>Wastewaters:</i> Use 146 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 292 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 1,989 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 650 mg/kg and 3,327 mg/kg), for all nonwastewaters.</p>

**Exhibit F-18**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Mercury**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Mercury	D009	20.1, 20.4	<p><i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters. The concentrations for mercuric oxide from recycling of batteries were not used because this form of waste is not expected to be typical for primary generation wastes generated by most industries.</p>
Mercury	K071	20.5 through 20.9	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 507 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 1,000 mg/kg), for all nonwastewaters.</p>
Mercury	K106	20.5 through 20.8, 20.10 through 20.24	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 81,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 161,000 mg/kg), for all nonwastewaters.</p>
Mercury	K175	20.5 through 20.8, 20.25 through 20.28	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 43,909 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 26,418 mg/kg and 61,400 mg/kg), for all nonwastewaters.</p>
Mercury	U151	20.5 through 20.8, 20.29	<p><i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.</p>

**Exhibit F-19**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Naphthalene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Naphthalene	F024	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F025	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F032	22.1 through 22.30, 22.32, 20.33	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters  <i>Nonwastewaters:</i> Use 10,025 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 50 mg/kg and 20,000 mg/kg), for all nonwastewaters.
Naphthalene	F034	22.1 through 22.30, 22.34, 22.35	<i>Wastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 400 mg/kg), for all wastewaters  <i>Nonwastewaters:</i> Use 30,350 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 700 mg/kg and 60,000 mg/kg), for all nonwastewaters.
Naphthalene	F037	22.1 through 22.30, 22.36 through 22.40	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 110 mg/kg), for all nonwastewaters.
Naphthalene	F038	22.1 through 22.30, 22.36 through 22.40	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 110 mg/kg), for all nonwastewaters.
Naphthalene	K001	22.1 through 22.30, 22.41 through 22.51	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,420 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,200 mg/kg and 43,640 mg/kg), for all nonwastewaters.
Naphthalene	K035	22.1 through 22.30,	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum

**Exhibit F-19 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Naphthalene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
		22.52 through 22.54	concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Naphthalene	K048	22.1 through 22.30, 22.55 through 22.58	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 295 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K049	22.1 through 22.30, 22.59 through 22.63	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 348 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 15.8 mg/kg and 680 mg/kg), for all nonwastewaters.
Naphthalene	K051	22.1 through 22.30, 22.64 through 22.68	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 324 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 97 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K052	22.1 through 22.30, 22.69 through 22.71	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 282 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K060	22.1 through 22.30, 22.72	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,770 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	K087	22.1 through 22.30, 22.73 through 22.78	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 65,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 36,000 mg/kg and 95,000 mg/kg), for all nonwastewaters.
Naphthalene	K145	22.1 through 22.30, 22.79 through 22.82	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 150,003 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5.7 mg/kg and 300,000 mg/kg), for all nonwastewaters.
Naphthalene	K169	22.1 through 22.30, 22.83 through 22.88	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.



**Exhibit F-19 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Naphthalene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 143 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 6.1 mg/kg and 280 mg/kg), for all nonwastewaters.
Naphthalene	K170	22.1 through 22.30, 22.89 through 22.92	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 211 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 62 mg/kg and 360 mg/kg), for all nonwastewaters.
Naphthalene	K171	22.1 through 22.30, 22.93 through 22.104	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 125 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.14 mg/kg and 250 mg/kg), for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-20**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Pentachlorobenzene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pentachlorobenzene	F024	23.1 through 23.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	F025	23.1 through 23.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	K085	23.1 through 23.4, 23.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K149	23.1 through 23.4, 23.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K150	23.1 through 23.4, 23.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,100 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K151	23.1 through 23.4, 23.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	U183	23.1 through 23.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-21**

**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations  
Used in the Analysis of Primary Generation Hazardous Wastes Containing Pentachloronitrobenzene (Quintozene)**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pentachloronitrobenzene (Quintozene)	U185	24.1 through 24.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-22**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Pentachlorophenol**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pentachlorophenol	D037	25.1 through 25.30	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 475,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 950,000 mg/kg), for all nonwastewaters.
Pentachlorophenol	F020	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F021	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F022	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F023	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F026	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F027	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F032	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	K001	25.1 through 25.29, 25.31 through 25.37	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,501 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.84 mg/kg and 3,000 mg/kg), for all nonwastewaters.
Pentachlorophenol	K174	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-23**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Phenanthrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Phenanthrene	F032	26.1 through 26.3	<i>Wastewaters:</i> Use 300 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.9 mg/kg and 600 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,150 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 300 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Phenanthrene	F034	26.1, 26.4	<i>Wastewaters:</i> Use 300 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.9 mg/kg and 600 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40,000 mg/kg and 70,000 mg/kg), for all nonwastewaters.
Phenanthrene	F037	26.5 through 26.27	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 166 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.0948 mg/kg and 332 mg/kg), for all nonwastewaters.
Phenanthrene	F038	26.5 through 26.26, 26.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 220 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 439 mg/kg), for all nonwastewaters.
Phenanthrene	K001	26.5 through 26.22, 26.29 through 26.37	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,600 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3,200 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Phenanthrene	K015	26.5 through 26.22, 26.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Phenanthrene	K019	26.5 through 26.22, 26.39	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 21 mg/kg), for all nonwastewaters.
Phenanthrene	K035	26.5 through 26.22	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum

**Exhibit F-25 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Phenanthrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	K048	26.5 through 26.22, 26.40 through 26.43	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 700 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K049	26.5 through 26.22, 26.44 through 26.48	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 685 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9.8 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K051	26.5 through 26.22, 26.49 through 26.53	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 715 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 70 mg/kg and 1,360mg/kg), for all nonwastewaters.
Phenanthrene	K052	26.5 through 26.22, 26.54 through 26.56	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 681 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.4 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K087	26.5 through 26.22, 26.57 through 26.61	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 29,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 15,000 mg/kg and 43,200 mg/kg), for all nonwastewaters.
Phenanthrene	K088	26.5 through 26.22, 26.62 through 26.69	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 140 mg/kg), for all nonwastewaters.
Phenanthrene	K169	26.5 through 26.22, 26.70 through 26.75	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 194 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 7.3 mg/kg and 380 mg/kg), for all nonwastewaters.
Phenanthrene	K170	26.5 through 26.22, 26.76 through 26.79	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.

**Exhibit F-25 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Phenanthrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 600 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 200 mg/kg and 1,000 mg/kg), for all nonwastewaters.
Phenanthrene	K171	26.5 through 26.22, 26.80 through 26.85	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 400 mg/kg), for all nonwastewaters.
Phenanthrene	U051	26.5 through 26.22, 26.86 through 26.92	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 35,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 28,000 mg/kg and 42,000 mg/kg), for all nonwastewaters.

### Exhibit F-24

#### Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations Used in the Analysis of Primary Generation Hazardous Wastes Containing Polychlorinated Biphenyls (PCBs)

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Polychlorinated Biphenyls (PCBs)	K085	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Polychlorinated Biphenyls (PCBs)	K105	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.



**Exhibit F-25**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Pyrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pyrene	F032	28.1 through 28.22	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,015 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 30 mg/kg and 10,000 mg/kg), for all nonwastewaters.
Pyrene	F034	28.23 and 28.24	<i>Wastewaters:</i> Use 150 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.2 mg/kg and 300 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pyrene	F037	28.1 through 28.20, 28.25 through 28.30	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 108 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00352 mg/kg and 216 mg/kg), for all nonwastewaters.
Pyrene	F038	28.1 through 28.20, 28.25 through 28.30	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 108 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00352 mg/kg and 216 mg/kg), for all nonwastewaters.
Pyrene	K001	28.1 through 28.20, 28.31 through 28.41	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 8,526 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 52 mg/kg and 17,000 mg/kg), for all nonwastewaters.
Pyrene	K035	28.1 through 28.20	<i>Wastewaters and Nonwastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	K048	28.1 through 28.20, 28.42 through 28.44	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 62 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 31 mg/kg and 93 mg/kg), for all nonwastewaters.

**Exhibit F-25 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing Phenanthrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pyrene	K049	28.1 through 28.20, 28.42 through 28.44	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 97 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4.5 mg/kg and 190 mg/kg), for all nonwastewaters.
Pyrene	K051	28.1 through 28.20, 28.31 through 28.39	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 112 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 24 mg/kg and 200 mg/kg), for all nonwastewaters.
Pyrene	K088	28.1 through 28.20, 28.55 through 28.62	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.66 mg/kg and 200 mg/kg), for all nonwastewaters.
Pyrene	K169	28.1 through 28.20, 28.63 through 28.68	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 60 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 120 mg/kg), for all nonwastewaters.
Pyrene	K170	28.1 through 28.20, 28.69 through 28.72	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 410 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 210 mg/kg and 610 mg/kg), for all nonwastewaters.
Pyrene	K171	28.1 through 28.20, 28.73 through 28.78	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 330 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 660 mg/kg), for all nonwastewaters.
Pyrene	U051	28.1 through 28.20, 28.31 through 28.39	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 13,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9,200 mg/kg and 17,000 mg/kg), for all nonwastewaters.

**Exhibit F-26**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**3-Methylcholanthrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
3-Methylcholanthrene	K170	29.1 through 29.4	<i>Wastewaters and Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all wastewaters and nonwastewaters.
3-Methylcholanthrene	U157	29.1 through 29.4	<i>Wastewaters and Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all wastewaters and nonwastewaters.

**7,12-Dimethylbenz(a)anthracene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
7,12-Dimethylbenz(a)anthracene	K170	30.1.1 through 30.4	<i>Wastewaters and Nonwastewaters:</i> Use 610 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 1,200 mg/kg), for all wastewaters and nonwastewaters.
7,12-Dimethylbenz(a)anthracene	U094	30.1.1 through 30.4	<i>Wastewaters and Nonwastewaters:</i> Use 610 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 1,200 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-26 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(a)anthracene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)anthracene	F032	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	F034	31.7, 31.8	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.03 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,150 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 300 mg/kg and 8,000 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	F037	31.1 through 31.6, 31.9 through 31.13	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 65 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 130 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K051	31.1 through 31.6, 31.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 105 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K088	31.1 through 31.6, 31.15 through 31.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 80 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 160 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K141	31.1 through 31.6, 31.23, 31.24	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7,875 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 7,850 mg/kg and 7,900 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K142	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K143	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K144	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K145	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-26 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(a)anthracene (continued)**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)anthracene	K147	31.25	<i>Wastewaters and Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5,400 mg/kg and 7,400 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K148	31.26 through 31.28	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,080 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 160 mg/kg and 10,000 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K169	31.1 through 31.6, 31.29 through 31.34	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 25 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 49.5 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K170	31.1 through 31.6, 31.35 through 31.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 205 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 390 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K171	31.1 through 31.6, 31.39 through 31.41	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 14 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	U018	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-26 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(a)pyrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)pyrene	F032	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F034	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F037	32.1 through 32.13	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 63 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 42 mg/kg and 83.2 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	F038	32.1 through 32.11, 32.14, 32.15	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 42 mg/kg and 67.6 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K001	32.1 through 32.11, 32.16	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5.98 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Benzo(a)pyrene	K035	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K048	32.1 through 32.11, 32.17	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 20 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.004 mg/kg and 40 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K049	32.1 through 32.11, 32.18	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 95 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.002 mg/kg and 190 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K050	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-16 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(a)pyrene (continued)**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)pyrene	K051	32.1 through 32.11, 32.19	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.002 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K052	32.1 through 32.11, 32.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.02 mg/kg and 33 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K060	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K088	32.1 through 32.11, 32.21 through 32.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 90 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 180 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K141	32.1 through 32.11, 32.39, 32.30	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 8,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 8,450 mg/kg and 8,500 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K142	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K143	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K144	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K145	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-16 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(a)pyrene (continued)**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)pyrene	K147	32.1 through 32.11, 32.31	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,500 mg/kg and 8,300 mg/kg), for all nonwastewaters.</p>
Benzo(a)pyrene	K148	32.1 through 32.11, 32.32 through 32.34	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 3,815 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 330 mg/kg and 7,300 mg/kg), for all nonwastewaters.</p>
Benzo(a)pyrene	K170	32.1 through 32.11, 32.35 through 32.38	<p><i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 141 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 52 mg/kg and 230 mg/kg), for all nonwastewaters.</p>
Benzo(a)pyrene	U022	32.1 through 32.11	<p><i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.</p>



**Exhibit F-26 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(b)fluoranthene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(b)fluoranthene	F032	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	F034	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K001	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K015	33.1 through 33.4, 33.5 through 33.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,141 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 982 mg/kg and 5,300 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K035	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K088	33.1 through 33.4, 33.10 through 33.17	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K141	33.1 through 33.4, 33.18, 33.19	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K142	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K143	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K144	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K147	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K148	33.1 through 33.4, 33.20 through 33.22	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.

**Exhibit F-16 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(b)fluoranthene (continued)**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters
Benzo(b)fluoranthene	K170	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-26 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Benzo(k)fluoranthene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(k)fluoranthene	F032	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	F034	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K015	34.1 through 34.16	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,655 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 9,300 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K088	34.1 through 34.5, 34.17 through 34.24	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K141	34.1 through 34.5, 34.25, 34.26	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K142	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K143	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K144	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K147	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K148	34.1 through 34.5, 34.27 through 34.29	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0. mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters
Benzo(k)fluoranthene	K170	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-26 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Dibenzo(a,h)anthracene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Dibenzo(a,h)anthracene	F032	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	F034	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K001	35.1, 35.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 52 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Dibenzo(a,h)anthracene	K035	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K088	35.1, 35.3 through 35.10	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 24 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 48 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K141	35.1, 35.11, 35.12	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 1,775 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,750 mg/kg and 1,800 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K142	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K144	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K145	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

**Exhibit F-16 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Dibenzo(a,h)anthracene (continued)**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Dibenzo(a,h)anthracene	K147	35.1, 35.13	<p><i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.</p> <p><i>Nonwastewaters:</i> Use 1,160 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 720 mg/kg and 1,600 mg/kg), for all nonwastewaters.</p>
Dibenzo(a,h)anthracene	K148	35.1, 35.14 through 35.16	<p><i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.</p> <p><i>Nonwastewaters:</i> Use 718 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 36 mg/kg and 1,400 mg/kg), for all nonwastewaters.</p>
Dibenzo(a,h)anthracene	K170	35.1, 35.17 through 35.20	<p><i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.</p> <p><i>Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all nonwastewaters.</p>
Dibenzo(a,h)anthracene	U063	35.1	<p><i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.</p>

**Exhibit F-26 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Indeno[1,2,3-cd]pyrene**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Indeno[1,2,3-cd]pyrene	F032	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	F034	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K001	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K035	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K088	36.1 through 36.12	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 60 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 120 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K141	36.1 through 36.4, 36.13, 36.14	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 6,175 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 6,150 mg/kg and 6,200 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K142	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K147	36.1 through 36.4, 36.15	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 3,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 4,100 mg/kg), for all nonwastewaters.

**Exhibit F-16 (continued)**  
**Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of Primary Generation Hazardous Wastes Containing TRI-PAC Group Chemicals**

**Dibenzo(a,h)anthracene (continued)**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Indeno[1,2,3-cd]pyrene	K148	36.1 through 36.4, 36.16 through 36.18	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 1,705 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 110 mg/kg and 3,300 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K170	36.1 through 36.4, 36.19 through 36.22	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	U137	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.

**Appendix G**  
**Preliminary Assignment of Priority Chemical Concentrations to**  
**Hazardous Waste Code and Waste Form Combinations Used in the Analysis of All Hazardous Wastes**  
**Associated with Selected Industries and Chemicals**



**Exhibit G-1**  
**Preliminary Assignment of Priority Chemical Concentrations to Hazardous Waste Code and Waste Form Combinations**  
**Used in the Analysis of All Hazardous Wastes Associated with Selected Industries and Chemicals**

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4,5-Tetrahalorobenzene	F024	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	F025	1.1 through 1.3	<i>Wastewaters and Nonwastewaters:</i> Use 15,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 30,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K085	1.1, 1.2, 1.4	<i>Wastewaters and Nonwastewaters:</i> Use 22,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 44,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K149	1.1, 1.2, 1.5	<i>Wastewaters and Nonwastewaters:</i> Use 1,625 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 250 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K150	1.1, 1.2, 1.6	<i>Wastewaters and Nonwastewaters:</i> Use 4,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	K151	1.1, 1.2, 1.7	<i>Wastewaters and Nonwastewaters:</i> Use 1,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4,5-Tetrachlorobenzene	U207	1.1, 1.2	<i>Wastewaters and Nonwastewaters:</i> Use 2,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,000 mg/kg and 3,000 mg/kg), for all wastewaters and nonwastewaters.
1,2,4-Trichlorobenzene	F024	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
1,2,4-Trichlorobenzene	F025	2.1 through 2.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
1,2,4-Trichlorobenzene	K085	2.1 through 2.19, 2.21	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 44,000 mg/kg), for all nonwastewaters.
1,2,4-Trichlorobenzene	K150	2.1 through 2.19, 2.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 12,000 mg/kg), for all nonwastewaters.
2,4,5-Trichlorophenol	D041	3.1, 3.2	<i>Wastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 400 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
2,4,5-Trichlorophenol	F020	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F021	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F022	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F023	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F026	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F027	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	F032	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
2,4,5-Trichlorophenol	K001	3.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.513 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.025 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
4-Bromophenyl Phenyl Ether	U030	4.1	<i>Wastewaters and Nonwastewaters:</i> Use 1.3 mg/kg, the only concentration for nonwastewaters, for

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			all wastewaters and nonwastewaters.
Acenaphthene	F032	5.1 through 5.3	<i>Wastewaters:</i> Use 151 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 300 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 4,020 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 8,000 mg/kg), for all nonwastewaters.
Acenaphthene	F034	5.1, 5.4	<i>Wastewaters:</i> Use 151 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 300 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 15,250 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 500 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Acenaphthene	F037	5.5 through 5.19	<i>Wastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 1 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 2.5 mg/kg), for all nonwastewaters.
Acenaphthene	K035	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthene	K051	5.7 through 5.21	<i>Wastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 22 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 33 mg/kg), for all nonwastewaters.
Acenaphthene	K088	5.7 through 5.19	<i>Wastewaters and Nonwastewaters:</i> Use 3,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 7,000 mg/kg), for all wastewaters and nonwastewaters.
Acenaphthylene	K087	6.1 through 6.5	<i>Wastewaters and Nonwastewaters:</i> Use 17,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10,000 mg/kg and 24,200 mg/kg), for all wastewaters and nonwastewaters.
Anthracene	F032	7.1 through 7.3	<i>Wastewaters:</i> Use 210 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 20 mg/kg and 400 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 3,515 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 30 mg/kg and 7,000 mg/kg), for all nonwastewaters.
Anthracene	F034	7.1, 7.4	<i>Wastewaters:</i> Use 210 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 20 mg/kg and 400 mg/kg), for all wastewaters. <i>Nonwastewaters:</i> Use 20,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Anthracene	F037	7.5 through 7.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 40 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 80 mg/kg), for all nonwastewaters.
Anthracene	K015	7.5 through 7.11, 7.15	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Anthracene	K035	7.5 through 7.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Anthracene	K049	7.5 through 7.11, 7.16 through 7.19	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 354 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 667 mg/kg), for all nonwastewaters.
Anthracene	K051	7.5 through 7.11, 7.20 through 7.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 340 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 667 mg/kg), for all nonwastewaters.
Anthracene	K088	7.5 through 7.11, 7.23 through 7.30	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 31 mg/kg), for all nonwastewaters.
Benzo(g,h,i)perylene	K088	8.1 through 8.15	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 140 mg/kg), for all nonwastewaters.
Benzo(g,h,i)perylene	K169	8.1 through 8.7, 8.16 through 8.21	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 25 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 49.5 mg/kg), for all nonwastewaters.
Benzo(g,h,i)perylene	K170	8.1 through 8.7, 8.22 through 8.25	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 62 mg/kg, the average of the minimum and maximum concentrations for

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			nonwastewaters (i.e., 23 mg/kg and 100 mg/kg), for all nonwastewaters.
Cadmium	D006	9.1 through 9.8	<p><i>Wastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5 mg/kg and 23 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 900 mg/kg), for all nonwastewaters.</p>
Cadmium	F006	9.9 through 9.35	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 21,450 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.003 mg/kg and 42,900 mg/kg), for all nonwastewaters.</p>
Cadmium	F007	9.9 through 9.26, 9.36 through 9.42	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 1,770 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,412 mg/kg), for all nonwastewaters.</p>
Cadmium	F008	9.9 through 9.26, 9.36, 9.37	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 3,204 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,995 mg/kg and 3,412 mg/kg), for all nonwastewaters.</p>
Cadmium	F009	9.9 through 9.26, 9.38 through 9.41, 9.43 through 9.46	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 3,869 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 7,610 mg/kg), for all nonwastewaters.</p>
Cadmium	F010	9.9 through 9.26, 9.47 through 9.49	<p><i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.</p> <p><i>Nonwastewaters:</i> Use 2,428 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 792 mg/kg and 4,063 mg/kg), for all nonwastewaters.</p>

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Cadmium	F011	9.9 through 9.26, 9.44, 9.45, 9.50	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,428 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 792 mg/kg and 4,063 mg/kg), for all nonwastewaters.
Cadmium	F012	9.9 through 9.26, 9.41, 9.43, 9.50, 9.51	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,676 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 128 mg/kg and 3,223 mg/kg), for all nonwastewaters.
Cadmium	F019	9.9 through 9.26, 9.52 through 9.57	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 14 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.01 mg/kg and 28 mg/kg), for all nonwastewaters.
Cadmium	K061	9.9 through 9.26, 9.58	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Cadmium	K062	9.59	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the only concentration for wastewaters, for all wastewaters and nonwastewaters.
Cadmium	K069	9.9 through 9.26, 9.60	<i>Wastewaters:</i> Use 500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 72 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 130 mg/kg), for all nonwastewaters.
Dibenzofuran	F020	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F021	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F022	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F023	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F026	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum

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			concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F027	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dibenzofuran	F032	10.1, 10.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.793 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.286 mg/kg and 1.3 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F020	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F021	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F022	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F023	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F026	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F027	11.1 through 11.67	<i>Wastewaters and Nonwastewaters:</i> Use 433 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0 mg/kg and 865 mg/kg), for all wastewaters and nonwastewaters.
Dioxins/Furans	F032	11.68 and 11.89	<i>Wastewaters:</i> Use 0.15 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.000006 mg/kg and 0.3 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.000001 mg/kg and 100 mg/kg), for all nonwastewaters.
Dioxins/Furans	K174	11.90 through 11.105	<i>Wastewaters and Nonwastewaters:</i> Use 0.106 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.000008 mg/kg and 0.212 mg/kg), for all wastewaters and nonwastewaters.
Endosulfan, alpha- and beta-	P050	12.1 through 12.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.034 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00135 mg/kg and 0.0667 mg/kg), for all wastewaters and nonwastewaters.
Fluorene	F034	13.1, 13.2	<i>Wastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.3 mg/kg and 200 mg/kg), for all wastewaters.

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			<i>Nonwastewaters:</i> Use 15,400 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 800 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Fluorene	F037	13.3 through 13.10	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 4.3 mg/kg), for all nonwastewaters.
Fluorene	F038	13.3 through 13.10	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 4.3 mg/kg), for all nonwastewaters.
Fluorene	K048	13.1 through 13.7, 13.11, 13.12	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 29 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.66 mg/kg and 58 mg/kg), for all nonwastewaters.
Fluorene	K051	13.3 through 13.7, 13.13, 13.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 24 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 37 mg/kg), for all nonwastewaters.
Fluorene	K169	13.1 through 13.7, 13.15 through 13.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 32 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.3 mg/kg and 62 mg/kg), for all nonwastewaters.
Fluorene	K170	13.1 through 13.7, 13.21 through 13.24	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 131 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 61.875 mg/kg and 200 mg/kg), for all nonwastewaters.
Fluorene	U005	13.1 through 13.7	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Heptachlor/Heptachlor epoxide	D031	14.1 through 14.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.
Heptachlor/Heptachlor epoxide	P059	14.1 through 14.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for



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			wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.226 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.1 mg/kg and 0.352 mg/kg), for all nonwastewaters.
Hexachlorobenzene	D032	15.1 through 15.4	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.13 mg/kg and 200 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F024	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F025	15.1 through 15.3, 15.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	F026	15.1 through 15.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorobenzene	K016	15.1 through 15.3, 15.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 99 mg/kg and 54,000 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K018	15.1 through 15.3, 15.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 385 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 29 mg/kg and 740 mg/kg), for all nonwastewaters.
Hexachlorobenzene	K085	15.1 through 15.3, 15.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.

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Hexachlorobenzene	K149	15.1 through 15.3, 15.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K150	15.1 through 15.3, 15.10	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 2,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	K151	15.1 through 15.3, 15.11	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobenzene	U127	15.1 through 15.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorobutadiene	D033	16.1 through 16.5	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 0.5 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Hexachlorobutadiene	F024	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	F025	16.1 through 16.4, 16.6	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	K016	16.1 through 16.4, 16.7	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 57,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 34,000 mg/kg and 81,000 mg/kg), for all nonwastewaters.
Hexachlorobutadiene	K018	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorobutadiene	U128	16.1 through 16.4	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 10 mg/kg), for all wastewaters and

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			nonwastewaters.
Hexachlorocyclohexane (Lindane)	D013	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachlorocyclohexane (Lindane)	U129	17.1 through 17.13	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Hexachloroethane	D034	18.1 through 18.3	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3 mg/kg and 10 mg/kg), for all nonwastewaters.
Hexachloroethane	F024	18.1, 18.2, 18.4, 18.5	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachloroethane	F025	18.1, 18.2, 18.4, 18.5	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Hexachloroethane	K016	18.1, 18.2	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 31,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 25,000 mg/kg and 38,000 mg/kg), for all nonwastewaters.
Hexachloroethane	U131	18.1, 18.2	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Lead	D008	19.1, 19.3 through 19.7, 19.12, 19.13	<i>Wastewaters:</i> Use 25,025 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 50 mg/kg and 50,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 128,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.04 mg/kg and 256,000 mg/kg), for all nonwastewaters.
Lead	K046	19.14 through 19.19	<i>Wastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.59 mg/kg and 200 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 98,782 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 63.2 mg/kg and 197,500 mg/kg), for all nonwastewaters.
Lead	K061	19.20 through 19.43	<i>Wastewaters:</i> Use 146 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 292 mg/kg), for all wastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 37,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 24,000 mg/kg and 50,000 mg/kg), for all nonwastewaters.
Lead	K069	19.20 through 19.42, 19.44	<i>Wastewaters:</i> Use 146 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 292 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,989 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 650 mg/kg and 3,327 mg/kg), for all nonwastewaters.
Mercury	D009	20.1, 20.4	<i>Wastewaters:</i> Use 550 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 100 mg/kg and 1,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 27,200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Mercury	K071	20.5 through 20.9	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 507 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 1,000 mg/kg), for all nonwastewaters.
Mercury	K106	20.5 through 20.8, 20.10 through 20.24	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 81,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 161,000 mg/kg), for all nonwastewaters.
Mercury	K175	20.5 through 20.8, 20.25 through 20.28	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 43,909 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 26,418 mg/kg and 61,400 mg/kg), for all nonwastewaters.
Mercury	U151	20.5 through 20.8, 20.29	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 500,000 mg/kg, the only concentrations for nonwastewaters, for all nonwastewaters.
Methoxychlor	D014	21.1	<i>Wastewaters and Nonwastewaters:</i> Use 6 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Methoxychlor	U247	21.1	<i>Wastewaters and Nonwastewaters:</i> Use 6 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 1 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Naphthalene	F024	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F025	22.1 through 22.31	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 9,475 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	F032	22.1 through 22.30, 22.32, 22.33	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 10,025 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 50 mg/kg and 20,000 mg/kg), for all nonwastewaters.
Naphthalene	F034	22.34 and 22.35	<i>Wastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 400 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 30,350 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 700 mg/kg and 60,000 mg/kg), for all nonwastewaters.
Naphthalene	F037	22.1 through 22.30, 22.36 through 22.40	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 110 mg/kg), for all nonwastewaters.
Naphthalene	F038	22.1 through 22.30, 22.36 through 22.40	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 110 mg/kg), for all nonwastewaters.
Naphthalene	K001	22.1 through 22.30, 22.41 through 22.51	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,420 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,200 mg/kg and 43,640 mg/kg), for all nonwastewaters.
Naphthalene	K035	22.1 through 22.30, 22.52 through 22.54	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Naphthalene	K048	22.1 through 22.30, 22.55 through 22.58	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 295 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K049	22.1 through 22.30, 22.59 through 22.63	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 348 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 15.8 mg/kg and 680 mg/kg), for all nonwastewaters.
Naphthalene	K051	22.1 through 22.30, 22.64 through 22.68	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 324 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 97 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K052	22.1 through 22.30, 22.69 through 22.71	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 282 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 13 mg/kg and 550 mg/kg), for all nonwastewaters.
Naphthalene	K060	22.1 through 22.30, 22.72	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,770 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Naphthalene	K087	22.1 through 22.30, 22.73 through 22.78	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 65,500 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 36,000 mg/kg and 95,000 mg/kg), for all nonwastewaters.
Naphthalene	K145	22.1 through 22.30, 22.79 through 22.82	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 150,003 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5.7 mg/kg and 300,000 mg/kg), for all nonwastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Naphthalene	K169	22.1 through 22.30, 22.83 through 22.88	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 143 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 6.1 mg/kg and 280 mg/kg), for all nonwastewaters.
Naphthalene	K170	22.1 through 22.30, 22.89 through 22.92	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 211 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 62 mg/kg and 360 mg/kg), for all nonwastewaters.
Naphthalene	K171	22.1 through 22.30, 22.93 through 22.104	<i>Wastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 125 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.14 mg/kg and 250 mg/kg), for all nonwastewaters.
Naphthalene	U165	22.1 through 22.30	<i>Wastewaters and Nonwastewaters:</i> Use 50 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 100 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorobenzene	F024	23.1 through 23.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	F025	23.1 through 23.5	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17,188 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,375 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pentachlorobenzene	K085	23.1 through 23.4, 23.6	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 44,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K149	23.1 through 23.4, 23.7	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,500 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K150	23.1 through 23.4, 23.8	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 2,100 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	K151	23.1 through 23.4, 23.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Pentachlorobenzene	U183	23.1 through 23.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pentachloronitrobenzene (Quintozene)	U185	24.1 through 24.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	D037	25.1 through 25.30	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 475,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 100 mg/kg and 950,000 mg/kg), for all nonwastewaters.
Pentachlorophenol	F020	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F021	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F022	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F023	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F026	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F027	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Pentachlorophenol	F032	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.



Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pentachlorophenol	K001	25.1 through 25.29, 25.31 through 25.37	<i>Wastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,501 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.84 mg/kg and 3,000 mg/kg), for all nonwastewaters.
Pentachlorophenol	K174	25.1 through 25.29	<i>Wastewaters and Nonwastewaters:</i> Use 2,500 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 5,000 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	F032	26.1 through 26.3	<i>Wastewaters:</i> Use 300 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.9 mg/kg and 600 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 15,150 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 300 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Phenanthrene	F034	26.1, 26.4	<i>Wastewaters:</i> Use 300 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.9mg/kg and 600 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40,000 mg/kg and 70,000 mg/kg), for all nonwastewaters.
Phenanthrene	F037	26.5 through 26.27	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 166 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.0948 mg/kg and 332 mg/kg), for all nonwastewaters.
Phenanthrene	F038	26.5 through 26.26, 26.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 220 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 439 mg/kg), for all nonwastewaters.
Phenanthrene	K001	26.5 through 26.22, 26.29 through 26.37	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 22,600 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 3,200 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Phenanthrene	K015	26.5 through 26.22, 26.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,000 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Phenanthrene	K019	26.5 through 26.22, 26.39	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 16 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 11 mg/kg and 21 mg/kg), for all nonwastewaters.
Phenanthrene	K035	26.5 through 26.22	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Phenanthrene	K048	26.5 through 26.22, 26.40 through 26.43	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 700 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 40 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K049	26.5 through 26.22, 26.44 through 26.48	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 685 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9.8 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K051	26.5 through 26.22, 26.49 through 26.53	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 715 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 70 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K052	26.5 through 26.22, 26.54 through 26.56	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 681 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1.4 mg/kg and 1,360 mg/kg), for all nonwastewaters.
Phenanthrene	K087	26.5 through 26.22, 26.57 through 26.61	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 29,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 15,000 mg/kg and 43,200 mg/kg), for all nonwastewaters.
Phenanthrene	K088	26.5 through 26.22, 26.62 through 26.69	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 70 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.16 mg/kg and 140 mg/kg), for all nonwastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Phenanthrene	K169	26.5 through 26.22, 26.70 through 26.75	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 194 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 7.3 mg/kg and 380 mg/kg), for all nonwastewaters.
Phenanthrene	K170	26.5 through 26.22, 26.76 through 26.79	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 600 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 200 mg/kg and 1,000 mg/kg), for all nonwastewaters.
Phenanthrene	K171	26.5 through 26.22, 26.80 through 26.85	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 200 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 400 mg/kg), for all nonwastewaters.
Phenanthrene	U051	26.5 through 26.22, 26.86 through 26.92	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 35,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 28,000 mg/kg and 42,000 mg/kg), for all nonwastewaters.
Polychlorinated Biphenyls (PCBs)	K085	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Polychlorinated Biphenyls (PCBs)	K105	27.1 through 27.3	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	F032	28.1 through 28.22	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,015 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 30 mg/kg and 10,000 mg/kg), for all nonwastewaters.
Pyrene	F034	28.23 and 28.24	<i>Wastewaters:</i> Use 150 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.2 mg/kg and 300 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 16,000 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 30,000 mg/kg), for all nonwastewaters.
Pyrene	F037	28.1 through 28.20, 28.25 through 28.30	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 108 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00352 mg/kg and 216 mg/kg), for all nonwastewaters.
Pyrene	F038	28.1 through 28.20, 28.25 through 28.30	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 108 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.00352 mg/kg and 216 mg/kg), for all nonwastewaters.
Pyrene	K001	28.1 through 28.20, 28.31 through 28.41	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 8,526 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 52 mg/kg and 17,000 mg/kg), for all nonwastewaters.
Pyrene	K035	28.1 through 28.20	<i>Wastewaters and Nonwastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters and nonwastewaters.
Pyrene	K048	28.1 through 28.20, 28.42 through 28.44	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 62 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 31 mg/kg and 93 mg/kg), for all nonwastewaters.
Pyrene	K049	28.1 through 28.20, 28.42 through 28.44	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 97 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4.5 mg/kg and 190 mg/kg), for all nonwastewaters.
Pyrene	K051	28.1 through 28.20, 28.50 through 28.54	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 112 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 24 mg/kg and 200 mg/kg), for all nonwastewaters.
Pyrene	K088	28.1 through 28.20, 28.55 through 28.62	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.2 mg/kg and 200 mg/kg), for all nonwastewaters.
Pyrene	K169	28.1 through 28.20, 28.63 through 28.68	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 60 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 120 mg/kg), for all nonwastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Pyrene	K170	28.1 through 28.20, 28.69 through 28.72	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 410 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 210 mg/kg and 610 mg/kg), for all nonwastewaters.
Pyrene	K171	28.1 through 28.20, 28.73 through 28.78	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 330 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 660 mg/kg), for all nonwastewaters.
Pyrene	U051	28.1 through 28.20, 28.31 through 28.39	<i>Wastewaters:</i> Use 250 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 500 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 13,100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 9,200 mg/kg and 17,000 mg/kg), for all nonwastewaters.
<b>Polycyclic aromatic compound (PAC) Group in the Toxics Release Inventory (TRI)</b>			
3-Methylcholanthrene	K170	29.1 through 29.4	<i>Wastewaters and Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all wastewaters and nonwastewaters.
3-Methylcholanthrene	U157	29.1 through 29.4	<i>Wastewaters and Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all wastewaters and nonwastewaters.
7,12-Dimethylbenz(a)anthracene	K170	30.1 through 30.4	<i>Wastewaters and Nonwastewaters:</i> Use 610 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 1,200 mg/kg), for all wastewaters and nonwastewaters.
7,12-Dimethylbenz(a)anthracene	U094	30.1 through 30.4	<i>Wastewaters and Nonwastewaters:</i> Use 610 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 1,200 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	F032	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	F034	31.7, 31.8	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.03 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,150 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 300 mg/kg and 8,000 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	F037	31.1 through 31.6, 31.9 through 31.13	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 65 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.22 mg/kg and 130 mg/kg), for all nonwastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)anthracene	K035	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K051	31.1 through 31.6, 31.14	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 105 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K088	31.1 through 31.6, 31.15 through 31.22	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 80 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 160 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K141	31.1 through 31.6, 31.23 through 31.24	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7,875 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 7,850 mg/kg and 7,900 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K142	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K143	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K144	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K145	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K147	31.25	<i>Wastewaters and Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 5,400 mg/kg and 7,400 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)anthracene	K148	31.1 through 31.6, 31.26 through 31.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,080 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 160 mg/kg and 10,000 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K169	31.1 through 31.6, 31.29 through 31.34	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 25 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.413 mg/kg and 49.5 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K170	31.1 through 31.6, 31.35 through 31.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.

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Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 205 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 390 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	K171	31.1 through 31.6, 31.39 through 31.41	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 7 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.165 mg/kg and 14 mg/kg), for all nonwastewaters.
Benzo(a)anthracene	U018	31.1 through 31.6	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F032	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F034	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	F037	32.1 through 32.13	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 63 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 42 mg/kg and 83.2 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	F038	32.1 through 32.11, 32.14, 13.15	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 55 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 42 mg/kg and 67.6 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K001	32.1 through 32.11, 32.16	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5.98 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Benzo(a)pyrene	K035	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K048	32.1 through 32.11, 32.17	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 20 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.004 mg/kg and 40 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K049	32.1 through 32.11, 32.18	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 95 mg/kg, the average of the minimum and maximum concentrations for

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters (i.e., 0.002 mg/kg and 190 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K050	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K051	32.1 through 32.11, 32.19	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 100 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.002 mg/kg and 200 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K052	32.1 through 32.11, 32.20	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 17 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.02 mg/kg and 33 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K060	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K088	32.1 through 32.11, 32.21 through 32.28	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 90 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 180 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K141	32.1 through 32.11, 32.29, 32.30	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 8,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 8,450 mg/kg and 8,500 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K142	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K143	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K144	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(a)pyrene	K145	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.



Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
Benzo(a)pyrene	K147	32.1 through 32.11, 32.31	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,400 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 4,500 mg/kg and 8,300 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K148	32.1 through 32.11, 32.32 through 32.34	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,815 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 330 mg/kg and 7,300 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	K170	32.1 through 32.11, 32.35 through 32.38	<i>Wastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 141 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 52 mg/kg and 230 mg/kg), for all nonwastewaters.
Benzo(a)pyrene	U022	32.1 through 32.11	<i>Wastewaters and Nonwastewaters:</i> Use 5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 10 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	F032	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	F034	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K001	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K015	33.1 through 33.9	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,141 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 982 mg/kg and 5,300 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K035	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.

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Priority Chemical	Waste Code		
Benzo(b)fluoranthene	K088	33.1 through 33.4, 33.10 through 33.17	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K141	33.1 through 33.4, 33.18, 33.19	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K142	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K143	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K144	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K147	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(b)fluoranthene	K148	33.1 through 33.4, 33.20 through 33.22	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Benzo(b)fluoranthene	K170	33.1 through 33.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	F032	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	F034	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K015	34.1 through 34.16	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 4,655 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 10 mg/kg and 9,300 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K088	34.1 through 34.5, 34.17 through 34.24	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.

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Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 155 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 310 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K141	34.1 through 34.5, 34.25, 34.26	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 5,475 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 5,450 mg/kg and 5,500 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K142	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K143	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K144	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K147	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(k)fluoranthene	K148	34.1 through 34.5, 34.27 through 34.29	<i>Wastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,575 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 150 mg/kg and 13,000 mg/kg), for all nonwastewaters.
Benzo(k)fluoranthene	K170	34.1 through 34.5	<i>Wastewaters and Nonwastewaters:</i> Use 0.5 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Benzo(rst)pentaphene	U064		Not Available
Dibenzo(a,h)anthracene	F032	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	F034	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K001	35.1, 35.2	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 52 mg/kg, the only concentration for nonwastewaters, for all nonwastewaters.
Dibenzo(a,h)anthracene	K035	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K088	35.1, 35.3 through 35.10	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			<i>Nonwastewaters:</i> Use 24 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 48 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K141	35.1, 35.11, 35.12	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,775 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 1,750 mg/kg and 1,800 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K142	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K144	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K145	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Dibenzo(a,h)anthracene	K147	35.1 and 35.13	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,160 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 720 mg/kg and 1,600 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K148	35.1, 35.14 through 35.16	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 718 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 36 mg/kg and 1,400 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	K170	35.1, 35.17 through 35.20	<i>Wastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all nonwastewaters.
Dibenzo(a,h)anthracene	U063	35.1	<i>Wastewaters and Nonwastewaters:</i> Use 0.55 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0.1 mg/kg and 1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	F032	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	F034	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and

Chemical/Waste Code Combination		Volume II Identification Number for Data Used in Assignment of Concentration	Assumptions Used in Assignment of Priority Chemical Concentration
Priority Chemical	Waste Code		
			nonwastewaters.
Indeno[1,2,3-cd]pyrene	K001	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K035	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K088	36.1 through 36.12	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 60 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 0.160 mg/kg and 120 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K141	36.1 through 36.4, 36.13, 36.14	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 6,175 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 6,150 mg/kg and 6,200 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K142	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.
Indeno[1,2,3-cd]pyrene	K147	36.1 through 36.4, 36.15	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 3,050 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 2,000 mg/kg and 4,100 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K148	36.1 through 36.4, 36.16 through 36.18	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 1,705 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 110 mg/kg and 3,300 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	K170	36.1 through 36.4, 36.19 through 36.22	<i>Wastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters.  <i>Nonwastewaters:</i> Use 41 mg/kg, the average of the minimum and maximum concentrations for nonwastewaters (i.e., 20.625 mg/kg and 61.875 mg/kg), for all nonwastewaters.
Indeno[1,2,3-cd]pyrene	U137	36.1 through 36.4	<i>Wastewaters and Nonwastewaters:</i> Use 0.05 mg/kg, the average of the minimum and maximum concentrations for wastewaters (i.e., 0 mg/kg and 0.1 mg/kg), for all wastewaters and nonwastewaters.