US EPA ARCHIVE DOCUMENT

Priority Chemicals Toxics Release Inventory Measurement Methodology – 2003-2007

1. Priority Chemicals Toxics Release Inventory Measurement Methodology

To identify and collect data on PCs reported to the TRI in 2003, 2004, 2005, 2006, and 2007, EPA undertook the following steps:

- Identify PCs reported to the TRI;
- Exclude TRI data that are not associated with primary generation; and
- Calculate PC quantities.

These steps are described below.

Step 1: Identify PCs Reported to the TRI

The Chemical Abstract System (CAS) numbers of the chemicals identified by EPA as PCs were compared to the list of TRI chemicals to identify the PCs reported to the TRI. Data on these chemicals were extracted from the TRI for reporting years 2003 through 2007. Exhibit 1 lists the PCs examined in the analysis.

Exhibit 1
Chemicals Examined in the PC TRI Measurement Methodology

Anthracene (120-12-7)	Methoxychlor (72-43-5)
Benzo(g,h,i)perylene (191-24-2)	Naphthalene (91-20-3)
Cadmium (7440-43-9) and cadmium compounds (N078)	Pendimethalin (40487-42-1)
Dibenzofuran (132-64-9)	Pentachlorobenzene (608-93-5)
Dioxins and dioxin-like compounds (N150)	Pentachlorophenol (87-86-5)
Heptachlor (76-44-8)	Phenanthrene (85-01-8)
Hexachloro-1, 3-butadiene (87-68-3)	Polychlorinated biphenyls (PCBs) (1336-36-3)
Hexachlorobenzene (118-74-1)	Quintozene (82-68-8)
Hexachloroethane (67-72-1)	Polycyclic aromatic compound (PAC) TRI category (N590)
Lead (7439-92-1) and lead compounds (N420)	1,2,4-trichlorobenzene (120-82-1)
Lindane (58-89-9)	2,4,5-trichlorophenol (95-95-4)
Mercury (7439-97-6) and mercury compounds (N458)	Trifluralin (1582-09-8)

Step 2: Exclude TRI Data that Are Not Associated with Primary Generation

Because the focus of the analysis is primary generation, certain TRI data were excluded from the analysis. The excluded data include:

- Data associated with Bevill exempt materials. Facilities that reported the North American Industry Classification System (NAICS) codes listed in Exhibit 2 as their primary NAICS code were excluded from the analysis, because it is assumed that all PCs reported by these facilities are associated with Bevill exempt materials.

Exhibit 2
Industries Assumed to be Associated with Bevill Exempt Materials

NAICS Code	NAICS Code Description
212111	Bituminous Coal and Lignite Surface Mining
212112	Bituminous Coal Underground Mining
212221	Gold Ore Mining
212222	Silver Ore Mining
212231	Lead Ore and Zinc Ore Mining
212234	Copper Ore and Nickel Ore Mining (pt)
212299	All Other Metal Ore Mining (pt)
221100	Electric Power Generation, Transmission and Distribution
221111	Hydroelectric Power Generation (pt)
221112	Fossil Fuel Electric Power Generation (pt)
221113	Nuclear Electric Power Generation (pt)
221119	Other Electric Power Generation (pt)
221121	Electric Bulk Power Transmission and Control (pt)
221122	Electric Power Distribution (pt)
221210	Natural Gas Distribution (pt)
331411	Primary Smelting and Refining of Copper
331419	Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum)

In addition, all data reported by the following facilities were excluded, as they are associated with either the Bevill exempt titanium dioxide (TiO_2) process or the Bevill exempt red muds process:

- DuPont Edge Moor, DE (DED000800284)
- Kerr-McGee Pigments, GA (GAD003282803)
- Louisiana Pigment, LP, LA (LAD985185149)
- Millennium Inorganic Chemicals, Hawkins Point Plant, MD (MDD003093515)
- Kerr-McGee Chemical LLC Electrolytic Plant, MS (MSD007025117)
- DuPont Delisle Plant, MS (MSD096046792)
- DuPont Johnsonville Plant, TN (TND004044491)
- U.S. Borax, Inc., CA (CAD000630020)
- IMC Chemicals, Inc., CA (CAD048456941)
- Kaiser Aluminum and Chemical Corp. Gramercy, LA (LAD008182289)
- Sherwin Alumina LP, TX (TXD008129983)

- Alcoa World Alumina LLC Point Comfort Operations, TX (TXD008123168)
- Ormet Primary Aluminum Corp., LA (LAD093536522)

All data reported by the following facilities were excluded, as they are associated with blast furnace and basic oxygen furnace wastes, including dust/sludge and slag:

- Granite City Steel, IL (ILD008873937)
- ACME Steel Co. Riverdale Plant, IL (ILD020952362)
- Bethlehem Steel Corp. Burns Harbor Div., IN (IND003913423)
- Ispat Inland Inc., IN (IND005159199)
- USS Gary Works, IN (IND005444062)
- LTV Steel, Co., IN (IND005462601)
- AK Steel Corp., KY (KYD005013032)
- Bethlehem Steel, MD (MDD053945432)
- National Steel Corp. Great Lakes Ops., MI (MID004320479)
- Wheeling-Pittsburgh Steel Corp. Steubenville North, OH (OHD000810382)
- LTV Steel Co., Inc. Cleveland Works, OH (OHD004218673)
- AK Steel Corp. OH (OHD004234480)
- WCI Steel, Inc., OH (OHD060409521)
- Wheeling-Pittsburgh Steel Corp., Mingo Junction, OH (OHD980618177)
- Republic Tech. Intl. Lorain Plant, OH (OHR000037713)
- Allegheny Ludlum Corp., PA (PAD004335154)
- USS Mon Valley Works Edgar Thomson Plant, PA (PAD060682606)
- Geneva Steel, L.L.C., UT (UTD009086133)
- Weirton Steel Corp., WV (WVD000068908)
- Wheeling-Pittsburgh Steel Corp. Steubenville East, WV (WVD004319539)

Data associated with Bevill exempt materials were captured in a separate table in the database: "Bevill Exempt Industries Excluded."

- <u>Data reported by Offsite Treatment, Storage, and Disposal (TSD) Facilities.</u> Facilities that reported the NAICS codes in Exhibit 3 as their primary NAICS code were excluded from the analysis in order to avoid double-counting of wastes reported by both generating and treatment facilities.

Exhibit 3
Industries Associated with Offsite Treatment, Storage, and Disposal (TSD)

NAICS Code	NAICS Code Description
327310	Cement Manufacturing
562000	Waste Management and Remediation Services
562100	Waste Collection
562110	Waste Collection
562111	Solid Waste Collection
562112	Hazardous Waste Collection
562119	Other Waste Collection
562200	Waste Treatment and Disposal
562210	Waste Treatment and Disposal
562211	Hazardous Waste Treatment and Disposal
562212	Solid Waste Landfill
562213	Solid Waste Combustors and Incinerators
562219	Other Nonhazardous Waste Treatment and Disposal
562900	Remediation and Other Waste Management Services
562910	Remediation Services
562920	Materials Recovery Facilities
562990	All Other Waste Management Services
562991	Septic Tank and Related Services
562998	All Other Miscellaneous Waste Management Services

Data for all facilities identified above were captured in a separate table in the database: "Offsite TSD Facilities Excluded."

- Data reported by facilities represented by NAICS Code 924110. Facilities that reported the NAICS code 924110 (i.e., administration of air and water resource and solid waste management programs) as their primary NAICS code were excluded from the analysis. As defined by the U.S. Census Bureau, NAICS code 924110 comprises government establishments primarily engaged in one or more of the following:

  - The administration, regulation, and enforcement of air and water resource programs;
  - The administration and regulation of solid waste management programs;
  - The administration and regulation of water and air pollution control and prevention programs;
  - The administration and regulation of flood control programs;

- The administration and regulation of drainage development and water resource consumption programs;
- The administration and regulation of toxic waste removal and cleanup programs; and
- Coordination of these activities at intergovernmental levels.[1]

Based on the above, facilities with primary NAICS code 924110 that reported to the TRI are undertaking Resource Conservation and Recovery Act (RCRA) corrective action or Superfund activities, and do not offer waste minimization opportunities at the primary generation level.

All data reported by the U.S. DOE Hanford site (TRI ID 99352-SPDRT-POBOX) were considered NAICS code 924110. As such, the data for this facility were excluded from the analysis.

Data for all facilities identified above were captured in a separate table in the database: "NAICS 924110 Facilities Excluded."

Note that, originally, this methodology relied on Standard Industrial Classification (SIC) codes to identify facilities that are not associated with primary generation. However, because facilities began to report NAICS codes for reporting year 2006, the methodology has been revised in order to use NAICS codes in the identification of these facilities. Attachment A presents the data used in the conversion of SIC codes into NAICS codes.

Step 3: Calculate PC Quantities

As the purpose of this methodology is to identify those quantities that are amenable to waste minimization for PCs contained in both RCRA Subtitle C and Subtitle D wastes,[2] it is necessary to identify which sections of the TRI generally apply to Subtitle C wastes and which sections generally apply to Subtitle D wastes. Exhibit 4 presents conclusions regarding this issue for all relevant sections of TRI Form R.

In calculating PC quantities associated with on-site management methods, it is generally assumed that:

- If the generating facility has a valid RCRA identification number (ID), the wastes are regulated under Subtitle C; and

- If the generating facility does not have a valid RCRA ID number, the wastes are regulated under Subtitle D.

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[1] U.S. Census Bureau, *2002 NAICS Definitions*, available at http://www.census.gov/epcd/naics02/naico602.htm, last accessed on March 6, 2008.

[2] RCRA Subtitle C establishes a program for the management of hazardous wastes. RCRA Subtitle D establishes a program for the management of non-hazardous solid wastes (e.g., non-hazardous industrial solid waste).

In calculating PC quantities associated with off-site management methods, it is generally assumed that:

- If the generating facility and the off-site facility have valid RCRA ID numbers, the wastes are regulated under Subtitle C;

- If the generating facility has a valid RCRA ID number, but the off-site facility does not have a valid RCRA ID number, the wastes are regulated under Subtitle D; and

- If the generating facility does not have a valid RCRA ID number, the wastes are regulated under Subtitle D.

Based on the above information, generating facilities with valid RCRA ID numbers may have reported wastes regulated under Subtitle C and Subtitle D, while generating facilities without valid RCRA ID numbers will have reported wastes regulated under Subtitle D.

The equations used to calculate the PC quantities associated with Subtitle C activities are presented in Exhibit 5. The equations used to calculate the PC quantities associated with Subtitle D activities are presented in Exhibit 6.

Exhibit 4
Description of TRI Form R Sections

Section of Form R	Data Element Description	Associated with Subtitle C	Associated with Subtitle D
Part I of Form R			
4.1	Mailing Address	No--Not relevant to waste minimization	No--Not relevant to waste minimization
4.3	Technical Contact Name, Telephone Number, and E-mail Address	No--Not relevant to waste minimization	No--Not relevant to waste minimization
Part II of Form R			
5.1	Fugitive air	No--Not relevant to waste minimization	No--Not relevant to waste minimization
5.2	Point-source air	No--Not relevant to waste minimization	No--Not relevant to waste minimization
5.3	Surface-water discharge	No--Not relevant to waste minimization	No--Not relevant to waste minimization
5.4.1	Underground injection on-site to Class I wells	Yes, if generating facility has a valid RCRA ID number	Yes, if generating facility does **not** have a valid RCRA ID number
5.4.2	Underground injection on-site to Class II-V wells	No	Yes
5.5.1A	Disposal in RCRA Subtitle C landfills	Yes	No
5.5.1B	Other landfills	No	Yes
5.5.2	On-site land treatment	No	Yes
5.5.3	On-site surface impoundment	Yes, if generating facility has a valid RCRA ID number	Yes, if generating facility does **not** have a valid RCRA ID number
5.5.3A	Subtitle C surface impoundment	Yes	No
5.5.3B	Other surface impoundment	No	Yes
5.5.4	Other on-site disposal	No	Yes
6.1	Discharges to Publicly Owned Treatment Works (POTWs)	Yes, if generating facility has a valid RCRA ID number	Yes, if generating facility does **not** have a valid RCRA ID number
6.2	Transfers to Other Off-Site Locations	Yes, as specified in the equations presented in Exhibit 5	Yes, as specified in the equations presented in Exhibit 6
8.1	Total releases	Yes, if generating facility has a valid RCRA ID number	Yes, if generating facility does **not** have a valid RCRA ID number
8.2	On-site energy recovery	Yes, if generating facility has a valid RCRA ID number	Yes, if generating facility does **not** have a valid RCRA ID number
8.3	Off-site energy recovery	Yes, as specified in the equations presented in Exhibit 5	Yes, as specified in the equations presented in Exhibit 6
8.4	On-site recycle	Valid waste minimization method	Valid waste minimization method
8.5	Off-site recycle	Valid waste minimization method	Valid waste minimization method
8.6	On-site treatment	Yes, if generating facility has a valid RCRA ID number	Yes, if generating facility does **not** have a valid RCRA ID number
8.7	Off-site treatment	Yes, as specified in the equations presented in Exhibit 5	Yes, as specified in the equations presented in Exhibit 6
8.8	Remedial actions, catastrophic events, or one-time events	Not amenable to minimization	Not amenable to minimization

Exhibit 5
Equations Used to Calculate Priority Chemical (PC) Quantities Associated with RCRA Subtitle C Activities

Equation [a, b]	Comments
On-Site Disposal	
[5.4.1] + [5.5.1A] + [5.5.3] + [5.5.3A]	▪ The quantities reported in Sections 5.5.1A and 5.5.3A are by definition Subtitle C quantities; thus, it is not necessary to determine whether the generating facility has a valid RCRA ID number. ▪ Only Section 5.4.1 and 5.5.3 quantities reported by generating facilities with a valid RCRA ID number are included in the calculation. ▪ Section 5.5.3A was added to Form R in reporting year 2003.
Off-Site Disposal[c]	
[6.1(metals and metal compounds)] + [*Subtitle C Disposal Off-Site Transfers*]	▪ Only Section 6.1 quantities reported by generating facilities with a valid RCRA ID number are included in the calculation. ▪ *Subtitle C Disposal Off-Site Transfers* consists of the following two components: – Quantities associated with disposal codes M41, M62, M63, M71, M72, M81, M90, M94, and M99 sent to off-site facilities with a valid RCRA ID number. – Quantities associated with disposal codes M65 and M66. The quantities associated with these disposal codes are by definition Subtitle C quantities; thus, it is not necessary to determine whether the off-site facility has a valid RCRA ID number. ▪ Facilities began to report M63 and M65 quantities in reporting year 2002. ▪ Facilities began to report M66 and M81 quantities in reporting year 2003.
On-Site Energy Recovery	
[8.2]	▪ Only Section 8.2 quantities reported by generating facilities with a valid RCRA ID number are included in the calculation.
Off-Site Energy Recovery	
[8.3] – [*Subtitle D Energy Recovery Off-Site Transfers*]	▪ Equation applies to generating facilities with a valid RCRA ID number only. ▪ *Subtitle D Energy Recovery Off-Site Transfers* consists of quantities associated with energy recovery codes M56 and M92 sent to off-site facilities without a valid RCRA ID number.
On-Site Treatment[d]	
[8.6]	▪ Only Section 8.6 quantities reported by generating facilities with a valid RCRA ID number are included in the calculation.
Off-Site Treatment[d]	
[8.7] – [*Subtitle D Treatment Off-Site Transfers*]	▪ Equation applies to generating facilities with a valid RCRA ID number only. ▪ *Subtitle D Treatment Off-Site Transfers* consists of quantities associated with treatment codes M40, M50, M54, M61, M69, and M95 sent to off-site facilities without a valid RCRA ID number.

[a] Equations refer to TRI Form R section numbers described in Exhibit 4.
[b] Negative quantities are revised to zero.
[c] M10 (transfer offsite to storage) is not included in off-site disposal calculations because the waste is stored only – no disposal takes place during the reporting year.
[d] M20 (solvents/organics recovery), M24 (metals recovery), M26 (other reuse or recovery), M28 (acid regeneration), and M93 (transfer to waste broker – recycling) are not included in off-site treatment calculations because total recycling quantities are captured in Section 8 data.

Exhibit 6
Equations Used to Calculate Priority Chemical (PC) Quantities Associated with RCRA Subtitle D Activities

Equation [a, b]	Comments
On-Site Disposal	
[5.4.1] + [5.4.2] + [5.5.1B] + [5.5.2] + [5.5.3] + [5.5.3B] + [5.5.4]	▪ The quantities reported in Sections 5.4.2, 5.5.1B, and 5.5.3B are by definition Subtitle D quantities; thus, it is not necessary to determine whether the generating facility has a valid RCRA ID number. ▪ The quantities reported in Sections 5.5.2 and 5.5.4 are assumed to be Subtitle D quantities. ▪ Only Section 5.4.1 and 5.5.3 quantities reported by generating facilities without a valid RCRA ID number are included in the calculation. ▪ Section 5.5.3B was added to Form R in reporting year 2003.
Off-Site Disposal[c]	
[6.1(metals and metal compounds)] + [*Subtitle D Disposal Off-Site Transfers*]	▪ Only Section 6.1 quantities reported by generating facilities without a valid RCRA ID number are included in the calculation. ▪ *Subtitle D Disposal Off-Site Transfers* consists of the following two components: – Quantities associated with disposal codes M64, M67, and M82. The quantities associated with these disposal codes are by definition Subtitle D quantities; so, it is not necessary to determine whether the off-site facility has a valid RCRA ID number. – Quantities associated with disposal codes M73 and M79 are assumed to be Subtitle D quantities. – Quantities associated with disposal codes M41, M62, M63, M71, M72, M81, M90, M94, and M99 sent to off-site facilities without a valid RCRA ID number. ▪ Facilities began to report quantities to disposal codes M63 and M64 in reporting year 2002. ▪ Facilities began to report quantities to disposal codes M67, M81, and M82 in reporting year 2003.
On-Site Energy Recovery	
[8.2]	▪ Only Section 8.2 quantities reported by generating facilities without a valid RCRA ID number are included in the calculation.
Off-Site Energy Recovery	
[8.3] + [*Subtitle D Energy Recovery Off-Site Transfers*]	▪ Only Section 8.3 quantities reported by generating facilities without a valid RCRA ID number are included in the calculation. ▪ *Subtitle D Energy Recovery Off-Site Transfers* consists of quantities associated with energy recovery codes M56 and M92 sent to off-site facilities without a valid RCRA ID number.
On-Site Treatment[d]	
[8.6]	▪ Only Section 8.6 quantities reported by generating facilities without a valid RCRA ID number are included in the calculation.
Off-Site Treatment[d]	
[8.7] + [*Subtitle D Treatment Off-Site Transfers*]	▪ Only Section 8.7 quantities reported by generating facilities without a valid RCRA ID number are included in the calculation. ▪ *Subtitle D Treatment Off-Site Transfers* consists of quantities associated with treatment codes M40, M50, M54, M61, M69, and M95 sent to off-site facilities without a valid RCRA ID number.

[a] Equations refer to TRI Form R section numbers described in Exhibit 4.
[b] Negative quantities are revised to zero.
[c] M10 (transfer offsite to storage) is not included in off-site disposal calculations because the waste is stored only – no disposal takes place during the reporting year.
[d] M20 (solvents/organics recovery), M24 (metals recovery), M26 (other reuse or recovery), M28 (acid regeneration), and M93 (transfer to waste broker – recycling) are not included in off-site treatment calculations because total recycling quantities are captured in Section 8 data.

As shown in Exhibits 5 and 6, PC quantities are calculated using data reported in Sections 5 and 6 of TRI Form R. Note, however, that data reported in these sections include all releases and transfers, regardless of whether they arise from catastrophic, remedial, one-time, or routine process operations. Because the purpose of this methodology is to identify those quantities that are amenable to waste minimization, it is necessary to minimize the effect that releases arising from catastrophic, remedial, or one-time events (i.e., quantities reported in Section 8.8 of TRI Form R) may have on the PC quantities. The criteria used to account for these releases are presented in Exhibit 7.

Two examples of the application of the criteria in Exhibit 7 are presented in the following paragraphs:

- Example 1: For lead, *Facility A* reported releases from catastrophic, remedial, one-time, or routine process operations of 30 pounds (Section 8.8). In addition, all PC quantities calculated for this facility using the equations in Exhibits 5 and 6 are equal to zero, with the exception of Subtitle D off-site disposal. The estimated Subtitle D off-site disposal quantity equals 30 pounds.

  Based on the above information, the 30 pounds of lead released by this facility are associated with catastrophic, remedial, one-time, or routine process operations. That is, the PC quantity reported in Section 8.8 is equal to the Subtitle C and D Total. As a result, Subtitle D off-site disposal was updated to zero.

- Example 2: For naphthalene, *Facility B* reported fugitive air emissions of 1,300 pounds (Section 5.1); surface water discharges of 60 pounds (Section 5.3); and releases from catastrophic, remedial, one-time, or routine process operations of 125 pounds (Section 8.8). There were no recycling activities associated with this PC (Sections 8.4 and 8.5).

Exhibit 7
Criteria Used to Account for TRI Form R Section 8.8 Quantities When Calculating Priority Chemical (PC) Quantities Associated with RCRA Subtitle C and D Activities

Criteria [a, b]		Revision to PC Quantities
[8.8] = 0		None.
[8.8] > 0	[8.8] = [*Subtitle C and D Total*]	All PC quantities calculated using the equations in Exhibits 5 and 6 were updated to zero.
	[8.8] > [*Subtitle C and D Total*]	None.
	[8.8] < [*Subtitle C and D Total*] AND [8.8] = [5.1] + [5.2]	None.
	[8.8] < [*Subtitle C and D Total*] AND [8.8] = [5.3]	None.
	[8.8] < [*Subtitle C and D Total*] AND [8.8] = [5.1] + [5.2] + [5.3]	None.
	[8.8] < [*Subtitle C and D Total*] AND [8.8] = [8.4]	None.
	[8.8] < [*Subtitle C and D Total*] AND [8.8] = [8.5]	None.
	All Remaining Records	PC quantities calculated using the equations in Exhibits 5 and 6 (i.e., original PC quantities) were updated by undertaking the following steps: 1. Estimate percentage of *Subtitle C and D Total* for each original PC quantity. 2. Assign portion of Section 8.8 quantity to each PC quantity category (e.g., Subtitle C on-site disposal, Subtitle D on-site disposal) based on percentages estimated under Step 1. 3. Update PC quantities by subtracting estimated Section 8.8 quantity (i.e., quantity estimated under Step 2) from original PC quantities.

[a] Equations refer to TRI Form R section numbers described in Exhibit 4.
[b] *Subtitle C and D Total* refers to the sum of all PC quantities calculated using the equations in Exhibits 5 and 6.

PC quantities calculated for *Facility B* using the equations in Exhibits 5 and 6 (i.e., original PC quantities) include those shown in Exhibit 8.

Exhibit 8
PC Quantities Used for Facility B in Example 2

PC Quantity Category	Original PC Quantity
Subtitle C on-site disposal	130,000
Subtitle C off-site disposal	0
Subtitle C on-site energy recovery	0
Subtitle C off-site energy recovery	1,205,000
Subtitle C on-site treatment	1,000
Subtitle C off-site treatment	0
Subtitle D on-site disposal	0
Subtitle D off-site disposal	0
Subtitle D on-site energy recovery	0
Subtitle D off-site energy recovery	6,000
Subtitle D on-site treatment	0
Subtitle D off-site treatment	453,000
Subtitle C and D Total	1,795,000

Based on the above information and the criteria presented in Exhibit 7, the PC quantities must be updated in order to minimize the effect that releases arising from catastrophic, remedial, or one-time events (i.e., quantities reported in Section 8.8) may have on the PC quantities. Specifically, the "all remaining records" criterion must be applied. Exhibit 9 presents the results of each of the steps undertaken to update the PC quantities.

Exhibit 9
Subtitle C and Subtitle D Quantities for Facility B in Example 2, After Undertaking the Steps in Exhibit 7

PC Quantity Category	Original PC Quantity	Percent of Subtitle C and D Total [a]	Assigned Portion of Section 8.8 Quantity [b]	Updated PC Quantity [c]
Subtitle C on-site disposal	130,000	7%	9	129,991
Subtitle C off-site disposal	0	0%	0	0
Subtitle C on-site energy recovery	0	0%	0	0
Subtitle C off-site energy recovery	1,205,000	67%	84	1,204,916
Subtitle C on-site treatment	1,000	0%	0	1,000
Subtitle C off-site treatment	0	0%	0	0
Subtitle D on-site disposal	0	0%	0	0
Subtitle D off-site disposal	0	0%	0	0
Subtitle D on-site energy recovery	0	0%	0	0
Subtitle D off-site energy recovery	6,000	0%	0	6,000
Subtitle D on-site treatment	0	0%	0	0
Subtitle D off-site treatment	453,000	25%	32	452,968
Subtitle C and D Total	1,795,000	100%	125	1,794,875

[a] Calculated by dividing the PC quantity (e.g., Subtitle C on-site disposal) by the Subtitle C and D Total.
[b] Calculated by multiplying the percent of Subtitle C and D Total by the Section 8.8 quantity (i.e., 125 pounds).
[c] Calculated by subtracting the assigned portion of the Section 8.8 quantity from the original PC quantity.

2. TRI Data Used in the Development of the Databases that Implement the Methodology

In developing the Microsoft Access databases that implement the PC TRI Measurement Methodology, EPA used TRI data for reporting years 2003 through 2007. The data are frozen as of September 10, 2008. These data were extracted from TRI data files provided by EPA's Office of Environmental Information (OEI) on December 16, 2008. For each of the data files, Attachment B identifies the specific data elements that were used in the development of the databases.

3. Development of the Databases that Implement the Methodology

The methodology described in Section 1 of this memorandum was implemented by conducting a series of queries in six Microsoft Access databases. The final tables generated by these queries were compiled in a separate Microsoft Access database: "Priority Chemicals Summary_PC TRI Methodology.mdb." In addition to the final tables, this database includes a number of queries that summarize PC and facility data at various levels of interest (i.e., PC, EPA Region, State, industry sector).

EPA notes that it was necessary to import all of the data elements in the TRI data fields into Microsoft Access as text. Queries then converted text into numbers, as appropriate, to facilitate calculations. EPA also notes that some field names may be too long to be imported into Microsoft Access. Consequently, Microsoft Access assigned default data field names to them

(e.g., “Field178”). These default names were then replaced with abbreviated data field names based on information contained in the databases and documentation provided by EPA.

Exhibit 10 provides the name, size, and primary function of each of the six Microsoft Access databases that implement the methodology. In developing each of these databases, EPA named the databases and queries in sequential order. That is, the name of the databases and queries indicate the order in which they should be implemented.

EPA notes that the Part 1 through Part 6 databases contain “instruction queries.” These “instruction queries” are, in fact, *blank* queries that provide instructions on the actions that should be undertaken by the person implementing the queries. For example, the name of the first query in the Part 1 database is “Step 001 Instruction Qry_Import US_1_2003_v06 as Text.” This query indicates that TRI data file “US_1_2003_v06” should be imported into the database as text.

Exhibit 10
Name, Size, and Primary Function of the Microsoft Access Databases Used to Implement the Methodology[a]

Microsoft Access Database Name	Size	Primary Function of the Database
PC TRI Methodology_Part 1_2003.mdb	577 MB	Create a table that contains RCRA Subtitle C and D quantities for PCs reported in Form R of the 2003 TRI for use in the Part 6 database
PC TRI Methodology_Part 2_2004.mdb	567 MB	Create a table that contains RCRA Subtitle C and D quantities for PCs reported in Form R of the 2004 TRI for use in the Part 6 database
PC TRI Methodology_Part 3_2005.mdb	561 MB	Create a table that contains RCRA Subtitle C and D quantities for PCs reported in Form R of the 2005 TRI for use in the Part 6 database
PC TRI Methodology_Part 4_2006.mdb	536 MB	Create a table that contains RCRA Subtitle C and D quantities for PCs reported in Form R of the 2006 TRI for use in the Part 6 database
PC TRI Methodology_Part 5_2007.mdb	519 MB	Create a table that contains RCRA Subtitle C and D quantities for PCs reported in Form R of the 2007 TRI for use in the Part 6 database
PC TRI Methodology_Part 6_2003 thru 2007.mdb	836 MB	Create tables that contain RCRA Subtitle C and D quantities for PCs reported in Form R of the 2003 - 2007 TRI

[a] These files contain data on selected non-PC chemicals that were included in the PC TRI Measurement Methodology but are not included in the 2007 Trends Report.

EPA also notes that specific information on the following topics is available in each of the Microsoft Access databases:

- Tables used in each of the queries;
- Data fields extracted from each table;
- Data field definitions;
- Criteria used in the development of the queries;
- SQL statements [3]; and
- Data quality queries.

4. Quality Assurance Activities

In developing the Part 1 through Part 6 databases, EPA made revisions to the data contained in the original TRI data files (e.g., "US_1_2003_v06") provided by OEI. These revisions were based on updated TRI data gathered by EPA's Office of Resource Conservation and Recovery (ORCR) through QA activities. In addition, EPA performed a data quality check to verify facility status information reported to the TRI. A description of the QA activities performed by EPA is presented in the following subsections.

4.1 TRI Data Updates

EPA reviewed information in Attachment C to identify which data updates had been incorporated into the original TRI data files provided by OEI. Based on this review, EPA determined whether the updates needed to be incorporated into the data sets. Determinations on this matter are reflected in Exhibit C-1 of Attachment C. A "Y" in the last column of the table indicates that the original data files contained the data update. An "N" in the last column of the table indicates that the original data files did not contain the data update. In instances in which the data update had not been incorporated into the original data file, the data set was revised in order to reflect the results of the QA activities performed by ORCR.

4.2 Facility Status

EPA performed a data quality check to ensure that facilities who reported as Federal facilities or government owned and contractor operated (GOCO) facilities are actually a Federal facility or a GOCO facility. This data quality check was not performed for each facility in the TRI data sets. Rather, the data quality check focused on identifying and correcting obvious errors in facility status. Information used in this data quality check is presented in Attachment C.

4.3 RCRA IDs

Prior to the 2006 TRI reporting year, facilities reported their RCRA ID(s) on Form R. Beginning with the 2006 TRI reporting year, EPA linked active RCRA ID(s) obtained from RCRAInfo to the TRI facility via its Federal Registry System. EPA performed a data quality

[3] To view a query's underlying SQL statement, open the query and, on the toolbar, select "View." Then, select "SQL View."

check to ensure that the RCRA ID(s) assigned to the facilities for TRI reporting year 2007are the same as the RCRA ID(s) associated with the facilities in the 2003 through 2006 TRI reporting years.

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ATTACHMENT A
CONVERSION OF STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES INTO NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS) CODES

Exhibit A-1
Conversion of SIC Codes into NAICS Codes for
Facilities Associated with Bevill Exempt Materials

SIC Code	SIC Code Description	NAICS Code	NAICS Code Description
1021	Copper Ores	212234	Copper Ore and Nickel Ore Mining (pt)
1031	Lead and Zinc Ores	212231	Lead Ore and Zinc Ore Mining
1041	Gold Ores	212221	Gold Ore Mining
1044	Silver Ores	212222	Silver Ore Mining
1061	Ferroalloy Ores, Except Vanadium	212234	Copper Ore and Nickel Ore Mining (pt)
		212299	All Other Metal Ore Mining (pt)
1099	Miscellaneous Metal Ores, NEC	212299	All Other Metal Ore Mining (pt)
1221	Bituminous Coal and Lignite Surface Mining	212111	Bituminous Coal and Lignite Surface Mining
1222	Bituminous Coal Underground Mining	212112	Bituminous Coal Underground Mining
3331	Primary Smelting and Refining of Copper	331411	Primary Smelting and Refining of Copper
3339	Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum	331419	Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum)
4911	Electric Services	221100	Electric Power Generation, Transmission and Distribution
		221111	Hydroelectric Power Generation (pt)
		221112	Fossil Fuel Electric Power Generation (pt)
		221113	Nuclear Electric Power Generation (pt)
		221119	Other Electric Power Generation (pt)
		221121	Electric Bulk Power Transmission and Control (pt)
		221122	Electric Power Distribution (pt)
4931	Electric and Other Services Combined	221111	Hydroelectric Power Generation (pt)
		221112	Fossil Fuel Electric Power Generation (pt)
		221113	Nuclear Electric Power Generation (pt)
		221119	Other Electric Power Generation (pt)
		221121	Electric Bulk Power Transmission and Control (pt)
		221122	Electric Power Distribution (pt)
		22121	Natural Gas Distribution (pt)
4939	Combination Utilities, NEC	221111	Hydroelectric Power Generation (pt)
		221112	Fossil Fuel Electric Power Generation (pt)
		221113	Nuclear Electric Power Generation (pt)
		221119	Other Electric Power Generation (pt)
		221121	Electric Bulk Power Transmission and Control (pt)
		221122	Electric Power Distribution (pt)
		221210	Natural Gas Distribution (pt)

Exhibit A-2
Conversion of SIC Codes into NAICS Codes for Offsite Treatment, Storage, and Disposal Facilities (TSDFs)

SIC Code	SIC Code Description	NAICS Code	NAICS Code Description
3241	Cement, Hydraulic	327310	Cement Manufacturing
4953	Refuse Systems	562000	Waste Management and Remediation Services
		562112	Hazardous Waste Collection
		562200	Waste Treatment and Disposal
		562210	Waste Treatment and Disposal
		562211	Hazardous Waste Treatment and Disposal
		562212	Solid Waste Landfill
		562213	Solid Waste Combustors and Incinerators
		562219	Other Nonhazardous Waste Treatment and Disposal
		562910	Remediation Services
		562920	Materials Recovery Facilities
		562998	All Other Miscellaneous Waste Management Services

Exhibit A-3
Conversion of SIC Codes into NAICS Codes for Air and Water Resource and Solid Waste Management Facilities

SIC Code	SIC Code Description	NAICS Code	NAICS Code Description
9511	Air and Water Resource and Solid Waste Management	924110	Administration of Air and Water Resource and Solid Waste Management Programs

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ATTACHMENT B
TOXICS RELEASE INVENTORY DATA FILES AND DATA ELEMENTS USED IN THE DEVELOPMENT OF THE DATABASES THAT IMPLEMENT THE PRIORITY CHEMICALS (PC) TOXICS RELEASE INVENTORY (TRI) MEASUREMENT METHODOLOGY

Exhibit B-1
TRI Data Files and Data Elements Used in the Development of the Databases that Implement the PC TRI Measurement Methodology [a, b]

US_1_XXXX
FORM TYPE
REPORTING YEAR
TRIFID
FACILITY NAME
FACILITY STATE
FACILITY COUNTY
FEDERAL FACILITY ID
PRIMARY SIC CODE
PRIMARY NAICS CODE
RCRA NR A [c]
DOCUMENT CONTROL NUMBER
CAS NUMBER
CHEMICAL NAME
PRODUCE THE CHEMICAL
IMPORT THE CHEMICAL
ON-SITE USE
SALE OR DISTRIBUTION
AS A BYPRODUCT
AS A MANUFACTURED IMPURITY
AS A REACTANT
AS A FORMULATION COMPONENT
AS AN ARTICLE COMPONENT
REPACKAGING
AS A PROCESS IMPURITY
AS A CHEMICAL PROCESSING AID
AS A MANUFACTURING AID
ANCILLARY OR OTHER USE
UNIT OF MEASURE
TOTAL FUGITIVE AIR EMISSIONS
TOTAL STACK AIR EMISSIONS
TOTAL SURFACE WATER DISCHARGE
TOTAL UGRND INJ ONSITE TO CL I WELLS - POUNDS
TOTAL UGRND INJ ONSITE TO CL II-V WELLS - POUNDS
TOTAL RCRA SUBTITLE C LANDFILLS
TOTAL OTHER ON-SITE LAND RELEASES
TOTAL LAND TREATMENT
TOTAL SURFACE IMPOUNDMENTS
TOTAL RCRA C SURFACE IMPOUNDMENTS
TOTAL OTHER SURFACE IMPOUNDMENTS
TOTAL OTHER DISPOSAL
TRANSFERS TO POTWS (METALS AND METAL COMPOUNDS)
US_2a_XXXX
DOCUMENT CONTROL NUMBER

UNIT OF MEASURE
ENERGY RECOVERY ONSITE CURRENT YEAR
ENERGY RECOVERY OFFSITE CURRENT YEAR
QUANTITY TREATED ONSITE CURRENT YEAR
QUANTITY TREATED OFFSITE CURRENT YEAR
QUANTITY RECYCLED ONSITE CURRENT YEAR
QUANTITY RECYCLED OFFSITE CURRENT YEAR
CATASTROPHIC RELEASES OR OTHER ONE-TIME EVENTS
US_3a_XXXX
DOCUMENT CONTROL NUMBER
UNIT OF MEASURE
OFF-SITE RCRA ID NR [c]
TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILIZATION (METALS) M41
TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TRTMT (METALS) M62
TOTAL UNDERGROUND INJECTION AMOUNT M71
TOTAL LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT AMOUNT M72
SURFACE IMPOUNDMENT TOTAL AMOUNT M63
OTHER LANDFILLS TOTAL AMOUNT M64
RCRA SUBTITLE C LANDFILLS TOTAL AMOUNT M65
TOTAL LAND TREATMENT TOTAL AMOUNT M73
TOTAL OTHER LAND DISPOSAL AMOUNT M79
TOTAL OTHER OFF-SITE MANAGEMENT AMOUNT M90
TOTAL TRANSFER TO WASTE BROKER-DISPOSAL AMOUNT M94
TOTAL UNKNOWN AMOUNT M99
TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILIZATION M40
TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/THERMAL TREATMENT M50
TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/INSIGNIFICANT FUEL VALUE M54
TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TREATMENT M61
TOTAL XFERS OFF-SITE AMOUNT - OTHER WASTE TREATMENT M69
TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95
TOTAL XFERS OFF-SITE AMOUNT - ENERGY RECOVERY M56
TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE-BROKERENERGY RECOVERY M92
RCRA SUBTITLE C SURFACE IMPOUNDMENTS TOTAL AMOUNT M66
OTHER SURFACE IMPOUNDMENT TOTAL AMOUNT M67
UNDERGROUND INJ. CLASS I WELLS TOTAL AMOUNT M81
UNDERGROUND INJ. CLASS II-V WELLS TOTAL AMOUNT M82
US_4_XXXX
REPORTING YEAR
TRIFID
FACILITY NAME
FACILITY STREET
FACILITY CITY
FACILITY COUNTY
FACILITY STATE
FACILITY ZIP CODE
MAILING NAME
MAILING STREET
MAILING CITY

MAILING STATE
MAILING PROVINCE
MAILING ZIP CODE
PUBLIC CONTACT NAME
PUBLIC CONTACT PHONE
PRIMARY SIC CODE
PRIMARY NAICS CODE
LATITUDE
LONGITUDE
RCRA NR A [c]
TECHNICAL CONTACT NAME
TECHNICAL CONTACT PHONE

[a] In each of the TRI data file names, "XXXX" stands for the reporting year (e.g., 2003, 2004).
[b] Data elements in *italics* are primary keys for the data file.
[c] Prior to the 2006 TRI reporting year, facilities provided their RCRA ID(s) on Form R. Beginning with the 2006 TRI reporting year, facilities no longer were required to provide their RCRA ID(s). For the 2006 and 2007 TRI reporting years, EPA linked active RCRA ID(s) obtained from RCRAInfo to the TRI facility via its Federal Registry System.

ATTACHMENT C
REVISIONS TO TOXICS RELEASE INVENTORY (TRI) DATA BASED ON EPA'S QUALITY ASSURANCE ACTIVITIES

Exhibit C-1
Revisions to TRI Data Based on the Quality Assurance Activities of EPA's ORCR

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
PC TRI Methodology_Part 1_2003							
File Type 2a	COLFAX TREATING CO LLC	71360-DRWDT-WADLE	LAD008184616	DIOXIN	QUANTITY_TREATED_OFFSITE_CURRENT_YEAR	0.3674	N
File Type 3a	COLFAX TREATING CO LLC	71360-DRWDT-WADLE	LAD008184616	DIOXIN	TOTAL_XFERS_OFFSITE_INCINERATION/THERMAL TREATMENT_M50	0.3674	N
File Type 2a	COLFAX TREATING CO LLC	71360-DRWDT-WADLE	LAD008184616	PENTACHLOROPHENOL	QUANTITY_TREATED_OFFSITE_CURRENT_YEAR	370	N
File Type 3a	COLFAX TREATING CO LLC	71360-DRWDT-WADLE	LAD008184616	PENTACHLOROPHENOL	TOTAL_XFERS_OFFSITE_INCINERATION/THERMAL TREATMENT_M50	370	N
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	DI(2-ETHYLHEXYL) PHTHALATE or HEXACHLOROETHANE or DICHLOROMETHANE or TRICHLOROETHYLENE or HEXACHLORO-1,3-BUTADIENE or ETHYLBENZENE or 1,2,4-TRICHLOROBENZENE or PENTACHLOROBENZENE or LEAD COMPOUNDS	PRIMARY NAICS CODE	325199	N
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	HEXACHLOROBENZENE	PRIMARY NAICS CODE	325211	N
File Type 2a	OCCIDENTAL CHEMICAL CORP	78359-CCDNT-HWY36	TXD982286932	HEXACHLOROETHANE	QUANTITY_TREATED_ONSITE_CURRENT_YEAR	0	N
File Type 1	DELPHI PACKARD ELECTRIC SYSTEMS	39056-PCKRD-1001I	MSD065462517	LEAD	TOTAL_FUGITIVE_AIR_EMISSIONS	0	N
File Type 1	DELPHI PACKARD ELECTRIC SYSTEMS	39056-PCKRD-1001I	MSD065462517	LEAD	TOTAL_AIR_EMISSIONS	0	N
File Type 1	DELPHI PACKARD ELECTRIC SYSTEMS	39056-PCKRD-1001I	MSD065462517	LEAD	TOTAL_SURFACE_WATER_DISCHARGE	0	N
File Type 3a	DELPHI PACKARD ELECTRIC SYSTEMS	39056-PCKRD-1001I	MSD065462517	LEAD	TOTAL_XFERS_OFFSITE_SOLIDIFICATION/STABILIZATION_M41	0	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 3a	DELPHI PACKARD ELECTRIC SYSTEMS	39056-PCKRD-1001I	MSD065462517	LEAD	TOTAL_OTHER_LANDFILLS_M64	0	N
File Type 3a	DELPHI PACKARD ELECTRIC SYSTEMS	39056-PCKRD-1001I	MSD065462517	LEAD	TOTAL_TRANSFER_BROKER_DISPOSAL_M94	0	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	LEAD	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	18	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	LEAD	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	95	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	3.6	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	9.1	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	8.6	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	DIOXIN AND DIOXIN-LIKE COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.032 (grams)	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.1	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	POLYCYCLIC AROMATIC COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	0.4	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	490	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	PHENANTHRENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	34	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	LEAD COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	1,900	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	390	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	7.8	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	MERCURY COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	7.7	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	100	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	POLYCYCLIC AROMATIC COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	160	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	2.1	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	DIOXIN AND DIOXIN-LIKE COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.06 (grams)	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	PHENANTHRENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	9	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	LEAD COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	110	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	22	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	9.2	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.1	N
File Type 1	U.S. DOE IDAHO NATIONAL LABORATORY SITE	83415-SDDHN-LINCO	ID4890008952	ALL CHEMICALS	PRIMARY NAICS CODE	541710	N
PC TRI Methodology_Part 2_2004							
File Type 3a	BERMCO ALUMINUM	35222-BRMCL-616NO	ALD980509350	LEAD COMPOUNDS	QUANTITY_RECYCLED_OFFSITE_CURRENT_YEAR	3,892.05	N
File Type 2a	BLUE SEAL FEEDS INC	05476-BLSLF-ELEVA	VTR000015743	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	0	N
File Type 2a	BLUE SEAL FEEDS INC	05476-BLSLF-ELEVA	VTR000015743	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	0	N
File Type 2a	BLUE SEAL FEEDS INC	14009-BLSLF-50WIL	N/A	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	0	N
File Type 2a	BLUE SEAL FEEDS INC	14009-BLSLF-50WIL	N/A	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	0	N
File Type 3a	CLOW WATER SYSTEMS CO	43812-CLWWT-2266S	OHD004294849	LEAD COMPOUNDS	TOTAL_OTHER_LANDFILLS_M64:	254,200	N
File Type 2a	DOW CHEMICAL CO FREEPORT FACILITY	77541-THDWC-BUILD	TXD008092793	HEXACHLOROETHANE	QUANTITY_TREATED_ONSITE_CURRENT_YEAR	165,857	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	DI(2-ETHYLHEXYL) PHTHALATE or HEXACHLOROETHANE or DICHLOROMETHANE or TRICHLOROETHYLENE or HEXACHLORO-1,3-BUTADIENE or ETHYLBENZENE or 1,2,4-TRICHLOROBENZENE or PENTACHLOROBENZENE or LEAD COMPOUNDS	PRIMARY NAICS CODE	325199	N
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	HEXACHLOROBENZENE	PRIMARY NAICS CODE	325211	N
File Type 1	LUFKIN CREOSOTING CO INC	75902-LFKNC-USHWY	TXD008063661	POLYCYCLIC AROMATIC COMPOUNDS	TRIFID	75901-LFKNC-USHWY	N
File Type 1	LUFKIN CREOSOTING CO INC	75902-LFKNC-USHWY	TXD008063661	BENZO(G,H,I)PERYLENE	TRIFID	75901-LFKNC-USHWY	N
File Type 2a	PREMCOR REFINING GROUP INC PORT ARTHUR REFINERY	77640-CLRKR-1801S	TXD008090409	NAPHTHALENE	QUANTITY_TREATED_ONSITE_CURRENT_YEAR	1,670,000	N
File Type 2a	SINCLAIR CARROLLTON STATION	64633-CRRLL-2MILE	N/A	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	2	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	LEAD	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	18	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	LEAD	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	95	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	3.6	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	9.1	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	8.6	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	DIOXIN AND DIOXIN-LIKE COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.036 (grams)	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.1	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	POLYCYCLIC AROMATIC COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	0.4	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	LEAD COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	1,900	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	390	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	7.8	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	MERCURY COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	7.7	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	100	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	POLYCYCLIC AROMATIC COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	160	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	2.1	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	DIOXIN AND DIOXIN-LIKE COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.06 (in grams)	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	LEAD COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	110	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	22	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	9.2	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	3	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.1	N
File Type 3a	TRW AUTOMOTIVE	43420-KLSYH-4600O	OHD051631182	LEAD	TOTAL_XFERS_OFFSITE_WASTEWATER TRMT_M62	2	N
File Type 3a	TRW AUTOMOTIVE	43420-KLSYH-4600O	OHD051631182	LEAD	RCRA_SUBTITLE C_LANDFILLS_TOTAL_AMOUNT_M65	9	N
File Type 1	U.S. DOE HANFORD SITE	99352-SDPRT-POBOX	WA7890008967	LEAD	PRIMARY NAICS CODE	924110	N
File Type 1	U.S. DOE IDAHO NATIONAL LABORATORY SITE	83415-SDDHN-LINCO	ID4890008952	ALL CHEMICALS	PRIMARY NAICS CODE	541710	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 3a	V&M STAR	44510-NRTHS-2669W	OHD016077802	CADMIUM	TOTAL_OTHER_LANDFILLS_M64	326	N
PC TRI Methodology_Part 3_2005							
File Type 2a	BERMCO ALUMINUM	35222-BRMCL-616NO	ALD980509350	LEAD COMPOUNDS	QUANTITY_RECYCLED_OFFSITE_CURRENT_YEAR	4,423	N
File Type 1	C&D TECHNOLOGIES INC	12746-CDCHR-ROUTE	NYD064337298	LEAD COMPOUNDS	TOTAL_STACK_AIR_EMISSIONS	143	N
File Type 1	C&D TECHNOLOGIES INC	12746-CDCHR-ROUTE	NYD064337298	LEAD COMPOUNDS	TOTAL_AIR_EMISSIONS	143	N
File Type 1	C&D TECHNOLOGIES INC	12746-CDCHR-ROUTE	NYD064337298	LEAD COMPOUNDS	TOTAL_SURFACE_WATER_DISCHARGE	3.2	N
File Type 3a	C&D TECHNOLOGIES INC	12746-CDCHR-ROUTE	NYD064337298	LEAD COMPOUNDS	TOTAL_XFERS_OFFSITE_SOLIDIFICATION/STABILIZATION_M41	119	N
File Type 3a	C&D TECHNOLOGIES INC	12746-CDCHR-ROUTE	NYD064337298	LEAD COMPOUNDS	TOTAL_XFERS_OFFSITE_WASTEWATER TRMT_M62	361	N
File Type 2a	COS-MAR CO	70721-CSMRP-LAHWY	LAD020877361	NAPHTHALENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	450,000	N
File Type 2a	COS-MAR CO	70721-CSMRP-LAHWY	LAD020877361	PHENANTHRENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	910,000	N
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	DI(2-ETHYLHEXYL) PHTHALATE or HEXACHLOROETHANE or DICHLOROMETHANE or TRICHLOROETHYLENE or HEXACHLORO-1,3-BUTADIENE or ETHYLBENZENE or 1,2,4-TRICHLOROBENZENE or PENTACHLOROBENZENE or LEAD COMPOUNDS	PRIMARY NAICS CODE	325199	N
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	HEXACHLOROBENZENE	PRIMARY NAICS CODE	325211	N
File Type 1	GENTEK BUILDING PRODUCTS	07095-LCNBL-11CRA	NJD047501457	1,2,4-TRICHLOROBENZENE	CHEMICAL NAME	1,2,4-TRIMETHYLBENZENE (Not a PC)	N
File Type 2a	GENTEK BUILDING PRODUCTS	07095-LCNBL-11CRA	NJD047501457	1,2,4-TRICHLOROBENZENE	CHEMICAL NAME	1,2,4-TRIMETHYLBENZENE (Not a PC)	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 3a	GENTEK BUILDING PRODUCTS	07095-LCNBL-11CRA	NJD047501457	1,2,4-TRICHLOROBENZENE	CHEMICAL NAME	1,2,4-TRIMETHYLBENZENE (Not a PC)	N
File Type 1	SGL CARBON LLC	72949-SGLCR-3931C	ARD038878237	POLYCYCLIC AROMATIC COMPOUNDS	TOTAL_FUGITIVE_AIR_EMISSIONS	237	N
File Type 1	SGL CARBON LLC	72949-SGLCR-3931C	ARD038878237	POLYCYCLIC AROMATIC COMPOUNDS	TOTAL_STACK_AIR_EMISSIONS	1,865	N
File Type 1	SGL CARBON LLC	72949-SGLCR-3931C	ARD038878237	POLYCYCLIC AROMATIC COMPOUNDS	TOTAL_AIR_EMISSIONS	2,102	N
File Type 2a	SGL CARBON LLC	72949-SGLCR-3931C	ARD038878237	POLYCYCLIC AROMATIC COMPOUNDS	QUANTITY_TREATED_ONSITE_CURRENT_YEAR	371,159	N
File Type 2a	SINCLAIR CARROLLTON STATION	64633-CRRLL-2MILE	N/A	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	2	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	260	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	NAPHTHALENE	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	1	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	PHENANTHRENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	120	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	LEAD COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	18	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	95	N
File Type 1	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	MERCURY COMPOUNDS	TOTAL_STACK_AIR_EMISSIONS	3.6	N
File Type 1	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	MERCURY COMPOUNDS	TOTAL_AIR_EMISSIONS	3.6	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	3.6	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	9.1	N
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	8.6	N
File Type 1	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	DIOXIN AND DIOXIN-LIKE COMPOUNDS	TOTAL_STACK_AIR_EMISSIONS	0.036 (grams)	N
File Type 1	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	DIOXIN AND DIOXIN-LIKE COMPOUNDS	TOTAL_AIR_EMISSIONS	0.036 (grams)	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 2a	SINCLAIR CASPER REFINING CO	82609-LTTLM-5700E	WYD048743009	DIOXIN AND DIOXIN-LIKE COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.036 (grams)	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.1	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	POLYCYCLIC AROMATIC COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	0.4	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	27	N
File Type 2a	SINCLAIR DENVER PRODUCTS TERMINAL	80640-SNCLR-8581E	COD983772666	NAPHTHALENE	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	30	N
File Type 2a	SINCLAIR KANSAS CITY PRODUCTS TERMINAL	66106-KNSSC-3401F	KSD091347898	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	3	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	490	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	PHENANTHRENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	34	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	LEAD COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	1,900	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	390	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	7.8	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	MERCURY COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	7.7	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	100	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	POLYCYCLIC AROMATIC COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	160	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	BENZO(G,H,I)PERYLENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	2.1	N
File Type 2a	SINCLAIR WYOMING REFINING CO	82334-SNCLR-EASTL	WYD079959185	DIOXIN AND DIOXIN-LIKE COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	0.06 (in grams)	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	NAPHTHALENE	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	1,300	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	LEAD COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	110	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	22	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	MERCURY COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	9.2	N
File Type 2a	SINCLAIR TULSA REFINING CO	74107-SNCLR-902W2	OKD990750960	POLYCYCLIC AROMATIC COMPOUNDS	ENERGY_RECOVERY_OFFSITE_CURRENT_YEAR	3	N
File Type 1	U.S. DOE IDAHO NATIONAL LABORATORY SITE	83415-SDDHN-LINCO	ID4890008952	ALL CHEMICALS	PRIMARY NAICS CODE	541710	N
PC TRI Methodology_Part 4_2006							
File Type 1	ALL-PHASE CIRCUITS INC	97502-LLPHS-549TA	N/A	ALL CHEMICALS	Primary NAICS Code	334412	N
File Type 2a	COS-MAR CO	70721-CSMRP-LAHWY	LAD020877361	NAPHTHALENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	450,000	N
File Type 2a	COS-MAR CO	70721-CSMRP-LAHWY	LAD020877361	PHENANTHRENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	910,000	N
File Type 2a	DOW CHEMICAL CO FREEPORT FACILITY	77541-THDWC-BUILD	TXD008092793	ANTHRACENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	25,089	N
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	DI(2-ETHYLHEXYL) PHTHALATE or HEXACHLOROETHANE or DICHLOROMETHANE or TRICHLOROETHYLENE or HEXACHLORO-1,3-BUTADIENE or ETHYLBENZENE or 1,2,4-TRICHLOROBENZENE or PENTACHLOROBENZENE or LEAD COMPOUNDS	PRIMARY NAICS CODE	325199	N
File Type 1	DOW CHEMICAL CO PLAQUEMINE	70765-THDWC-HIGHW	LAD008187080	HEXACHLOROBENZENE	PRIMARY NAICS CODE	325211	N
File Type 1	INTERNATIONAL PAPER - VICKSBUR G MILL	39180-NTRNT-POBOX	MSD043436724	MERCURY	TOTAL_OTHER_SURFACE IMPOUNDMENTS	10.5	N
PC TRI Methodology_Part 5_2007							
File Type 1	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	TOTAL_FUGITIVE_AIR_EMISSIONS	2,093	N
File Type 1	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	TOTAL_STACK_AIR_EMISSIONS	698	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 1	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	TOTAL_AIR_EMISSIONS	2,791	N
File Type 1	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	POTW TRANSFERS_(METALS AND METAL COMPOUNDS)	2	N
File Type 1	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	Remaining fields in File Type 1 not updated above	0	N
File Type 2a	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	89	N
File Type 2a	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	Remaining fields in File Type 2a not updated above	0	N
File Type 3a	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	RCRA_SUBTITLE C_LANDFILLS_TOTAL_AMOUNT_M65	922,280	N
File Type 3a	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	UNDERGROUND_INJ_CL I WELLS_TOTAL_AMOUNT_M81	28	N
File Type 3a	STEEL DYNAMICS INC STRUCTURA L & RAIL DIV	46725-STLDY-2601C	INR000019364	LEAD COMPOUNDS	Remaining fields in File Type 3a not updated above	0	N
File Type 1	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	TOTAL_FUGITIVE_AIR_EMISSIONS	632	N
File Type 1	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	TOTAL_STACK_AIR_EMISSIONS	455	N
File Type 1	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	TOTAL_AIR_EMISSIONS	1,087	N
File Type 1	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	POTW TRANSFERS_(METALS AND METAL COMPOUNDS)	220	N
File Type 1	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	Remaining fields in File Type 1 not updated above	0	N
File Type 2a	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	ENERGY_RECOVERY_ONSITE_CURRENT_YEAR	18,330	N
File Type 2a	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	QUANTITY_TREATED_ONSITE_CURRENT_YEAR	19,235	N
File Type 2a	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	QUANTITY_RECYCLED_ONSITE_CURRENT_YEAR	3	N
File Type 2a	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	QUANTITY_TREATED_OFFSITE_CURRENT_YEAR	220	N

Exhibit C-1 (continued)
Revisions to TRI Data Based on EPA's Quality Assurance Activities

Database Table	Facility Name	TRIFID	RCRA ID	Chemical Name[a]	Data Element	Data Update/ Update in Original TRI Data Files	
File Type 2a	WESTERN REFINING CO. EL PASO REFINERY	79905-LPSRF-6500T	TXD054256391	NAPHTHALENE	Remaining fields in File Type 2a not updated above	0	N

[a] The chemical names provided here are the original names provided in TRI. In the methodology described in this document, these chemical names are formatted and sometimes changed. Exhibit 1 contains the chemical names as updated in this methodology.

Exhibit C-2
Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
20705-SDRSB-10300	N/A	USDA ARS BELTSVILLE AGRICULTURAL RESEARCH CENTER	Department of Agriculture	Agricultural Research Service
01022-SRFRC-250PA	MA0570024026	US AIR FORCE WESTOVER AIR RESERVE BASE MASSACHUSET	Department of Defense	Air Force
01085-SRFRC-14THF	MA6570025902	U.S. AIR FORCE BARNES ANG AFB MA	Department of Defense	Air Force
01731-SRFRC-66SPT	N/A	U.S. AIR FORCE HANSCOM AFB	Department of Defense	Air Force
02542-SRFRC-102FW	MA2570024487	U.S. AIR FORCE MASS OTIS ANG BASE 102ND FIGHTER WI	Department of Defense	Air Force
04401-MNRNT-103MA	ME6572890022	U.S. AIR FORCE BANGOR ANG AFB ME	Department of Defense	Air Force
05403-SRFRC-105NC	VT6572824294	U.S. AIR FORCE VT ANG	Department of Defense	Air Force
08224-SRFRC-RTE53	N/A	U.S. AIR FORCE WARREN GROVE GUNNERY RANGE ANG NJ	Department of Defense	Air Force
08234-SRFRC-400LA	NJD986573715	U.S. AIR FORCE NJ ANG 177 FIGHTER WING	Department of Defense	Air Force
13211-SRFRC-61EML	N/A	U.S. AIR FORCE SYRACUSE ANG SMALL ARMS RANGE	Department of Defense	Air Force
19902-DVRRF-436SP	DE8570024010	U.S. AIR FORCE DOVER AFB DE	Department of Defense	Air Force
20332-BLLNG-20MAC	DC9570090036	U.S. AIR FORCE BOLLING AFB DC	Department of Defense	Air Force
23665-SRFRC-1CESC	VA4570024477	US AIR FORCE LANGLEY AFB VA	Department of Defense	Air Force
27531-SRFRC-4CESC	NC7570024474	U.S. AIR FORCE SEYMOUR JOHNSON AFB NC	Department of Defense	Air Force
27978-SRFRC-A1AFS	N/A	U.S. AIR FORCE DARE COUNTY BOMB RANGE AIR FORCE	Department of Defense	Air Force
29044-SRFRC-1325S	N/A	U.S. AIR FORCE MCENTIRE ANG SMALL ARMS RANGE	Department of Defense	Air Force
29404-SRFRC-437CE	SC3570024460	U.S. AIR FORCE CHARLESTON AFB	Department of Defense	Air Force
30063-SDDSF-86SOU	GA8570024606	US AIR FORCE PLANT 6	Department of Defense	Air Force
30069-SRFRC-91IND	N/A	U.S. AIR FORCE DOBBINS AIR RESERVE BASE GA	Department of Defense	Air Force
31098-SDDSF-216OC	GA1570024330	US AIR FORCE ROBINS AFB GA	Department of Defense	Air Force
31408-SRFRC-141RB	N/A	U.S. AIR FORCE SAVANNAH/HILTON HEAD IAP ANG RANGE	Department of Defense	Air Force
31699-SRFRC-3485G	GA0570024109	U.S. AIR FORCE MOODY AFB GA SMALL ARMS & GRAND BAY	Department of Defense	Air Force
32403-SDDTY-USHWY	FL1570024124	U.S. AIR FORCE TYNDALL AFB FL RANGE	Department of Defense	Air Force
32542-GLNRF-501DE	FL8570024366	U.S. AIR FORCE EGLIN AFB FL (AAC/EMCP)	Department of Defense	Air Force
32544-SRFRC-16CES	FL7570024375	US AIR FORCE HURLBURT FIELD	Department of Defense	Air Force

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
32920-SDDCP-HWYA1	FL2800016121	U.S. AIR FORCE CAPE CANAVERAL AIR STATION	Department of Defense	Air Force
33621-SRFRC-7621H	FL6570024582	U.S. AIR FORCE MACDILL AFB FL	Department of Defense	Air Force
33825-SRFRC-29SBL	FL8572128587	U.S. AIR FORCE AVON PARK AIR FORCE RANGE	Department of Defense	Air Force
36112-SRFRC-4CANN	N/A	U.S. AIR FORCE MAXWELL AFB	Department of Defense	Air Force
37389-RNLDN-100KI	TN8570024044	U.S. AIR FORCE ARNOLD AFB TN	Department of Defense	Air Force
37777-SDDSF-134BR	N/A	US DOD USAF MCGHEE TYSON AIR NATIONAL GUARD RANGE	Department of Defense	Air Force
44903-SRFRC-1947H	N/A	U.S. AIR FORCE MANSFIELD ANG SMALL ARMS RANGE	Department of Defense	Air Force
45433-SDDSF-DEPAR	OH7571724312	US AIR FORCE WRIGHT-PATTERSON AFB OH	Department of Defense	Air Force
46809-SRFRC-35FER	N/A	U.S. AIR FORCE FORT WAYNE ANG SMALL ARMS RANGE	Department of Defense	Air Force
48045-SRFRC-287RA	MID099113128	U.S. AIR FORCE SELFRIDGE AIR NATIONAL GUARD BASE M	Department of Defense	Air Force
49707-SRFRC-5884A	MI5570025903	U.S. AIR FORCE MICHIGAN AIR NATIONAL GUARD CRTC AL	Department of Defense	Air Force
51111-SRFRC-185AI	N/A	U.S. AIR FORCE SIOUX CITY ANG RANGE	Department of Defense	Air Force
54618-SRFRC-1INDE	WID980903454	U.S. AIR FORCE VOLK FIELD CRTC RANGE	Department of Defense	Air Force
55450-SRFRC-760MI	MN8570024275	U.S. AIR FORCE MINNEAPOLIS-ST. PAUL IAP ARS MN	Department of Defense	Air Force
55811-SRFRC-4680V	MND000773341	U.S. AIR FORCE DULUTH MN ANG	Department of Defense	Air Force
57104-SRFRC-1201W	SD6211890060	US AIR FORCE JOE FOSS FIELD ANG AFB SD	Department of Defense	Air Force
57706-SDDSR-1161T	SD2571924644	U.S. AIR FORCE ELLSWORTH AFB SD	Department of Defense	Air Force
58205-SRFRC-319AR	N/A	US AIR FORCE GRAND FORKS AIR FORCE BASE ND	Department of Defense	Air Force
58705-SRFRC-32PEA	ND4571924758	U.S. AIR FORCE MINOT AFB ND	Department of Defense	Air Force
59402-SDDSR-3978T	N/A	U.S. AIR FORCE MALMSTROM AFB MT	Department of Defense	Air Force
61607-SRFRC-2416S	ILD984810739	U.S. AIR FORCE 182ND AIRLIFT WING PEORIA IL ANG	Department of Defense	Air Force
62707-SRFRC-3101J	IL1572825882	U.S. AIR FORCE 183RD FIGHTER WING SPRINGFIELD IL A	Department of Defense	Air Force
67221-SRFRC-53000	KS1571924140	U.S. AIR FORCE MCCONNELL AFB KS	Department of Defense	Air Force
67401-SRFRC-8429W	KS2572890026	US AIR FORCE SMOKY HILL ANG RANGE DET 1 184 ARW KA	Department of Defense	Air Force
68113-SRFRC-16PEA	NE8571924648	U.S. AIR FORCE OFFUTT AFB NE	Department of Defense	Air Force
68524-SRFRC-2411W	N/A	US AIR FORCE NEBRASKA ANG	Department of Defense	Air Force

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
71110-SRFRC-2CES3	LA9571924050	U.S. AIR FORCE BARKSDALE AFB LA	Department of Defense	Air Force
72099-SRFRC-314CE	AR6571824808	U.S. AIR FORCE LITTLE ROCK AFB AR SMALL ARMS & EOD	Department of Defense	Air Force
73145-TNKRR-8745E	OK1571724391	U.S. AIR FORCE TINKER AFB OK	Department of Defense	Air Force
74115-THFGH-4200N	OKD981909641	U.S. AIR FORCE TULSA ANG AFB OK	Department of Defense	Air Force
76108-SDDSF-1500L	TX7572024605	U.S. AIR FORCE FORT WORTH PLANT 4	Department of Defense	Air Force
77034-SRFRC-14657	N/A	US AIR FORCE TEXAS ANG JRB 147TH FIGHTER WING	Department of Defense	Air Force
78150-SDDRN-16515	TX8571524117	U.S. AIR FORCE RANDOLPH AFB TX	Department of Defense	Air Force
78236-SRFRC-1555A	TX4571524129	U.S. AIR FORCE LACKLAND AFB TX	Department of Defense	Air Force
78236-SRFRC-1555G	TX4571524129	U.S. AIR FORCE LACKLAND AFB TX ARMS TRAINING RANGE	Department of Defense	Air Force
79607-SRFRC-713RD	TX3571924643	US AIR FORCE DYESS AFB TX	Department of Defense	Air Force
80011-SRFRC-18401	N/A	U.S. AIR FORCE BUCKLEY AFB CO	Department of Defense	Air Force
82005-SRFRC-300VE	WY5571924179	US AIR FORCE FE WARREN AFB WY	Department of Defense	Air Force
83648-SRFRC-11LIB	ID3572124557	US AIR FORCE MOUNTAIN HOME AFB ID	Department of Defense	Air Force
84029-SRFRC-18MIL	UT0570090001	US AIR FORCE UTTR RANGE ACTIVITIES	Department of Defense	Air Force
84056-SRFRC-7274W	UT0571724350	U.S. AIR FORCE OGDEN AIR LOGISTICS CENTER	Department of Defense	Air Force
84116-SRFRC-765N2	N/A	U.S. AIR FORCE UTAH ANG BASE RANGE	Department of Defense	Air Force
85337-SRFRC-HWY85	AZ4570024139	US AIR FORCE LUKE AFB AZ BARRY M GOLDWATER RANGE	Department of Defense	Air Force
85707-SDDSF-INTER	AZ4570024055	U.S. AIR FORCE DAVIS-MONTHAN AFB AZ	Department of Defense	Air Force
85734-SDDSF-1151E	AZD009005422	U.S. AIR FORCE PLANT 44	Department of Defense	Air Force
87117-SRFRC-2050W	NM9570024423	U.S. AIR FORCE KIRTLAND AFB NM	Department of Defense	Air Force
88103-SRFRC-8MILE	NM7572124454	US AIR FORCE CANNON AFB NM	Department of Defense	Air Force
88118-SRFRC-3771S	N/A	US AIR FORCE MELROSE AIR FORCE RANGE	Department of Defense	Air Force
88330-HLLMN-HWY70	NM6572124422	U.S. AIR FORCE HOLLOMAN AFB NM	Department of Defense	Air Force
88330-SRFRC-HWY70	NM6572124422	U.S. AIR FORCE HOLLOMAN AFB NM RANGE ACTIVITIES	Department of Defense	Air Force
89191-NLLSF-4551D	NV7570024110	U.S. AIR FORCE NELLIS AFB NV	Department of Defense	Air Force
89191-SRFRC-99CES	NV7570024110	U.S. AIR FORCE NELLIS AFB NV TEST & TRAINING RANGE	Department of Defense	Air Force
93437-SDDSF-747NE	CA9570025149	U.S. AIR FORCE VANDENBERG AFB CA	Department of Defense	Air Force

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
93524-RFRCF-1SROS	CA1570024504	U.S. AIR FORCE BASE EDWARDS AFB CA	Department of Defense	Air Force
93727-SRFRC-5323E	N/A	U.S. AIR FORCE FRESNO ANG	Department of Defense	Air Force
94535-SDDSR-420AI	N/A	U.S. AIR FORCE TRAVIS AFB CA	Department of Defense	Air Force
95903-SDDSF-ENDOF	CA7570024508	U.S. AIR FORCE BEALE AFB CA	Department of Defense	Air Force
96543-SRFRC-36CES	GU6571999519	U.S. AIR FORCE ANDERSEN AFB GU	Department of Defense	Air Force
96853-SRFRC-BLDG1	N/A	US AIR FORCE HICKAM AFB HI	Department of Defense	Air Force
97218-SRFRC-681NE	OR1570024264	U.S. AIR FORCE PORTLAND ANG AFB OR	Department of Defense	Air Force
97603-SRFRC-173FW	N/A	U.S. AIR FORCE KINGSLEY FIELD OREGON ANG RANGE	Department of Defense	Air Force
98438-SDDRF-555AS	N/A	U.S. AIR FORCE MCCHORD AFB WA	Department of Defense	Air Force
99011-FRCHL-100WE	WA9571924647	U.S. AIR FORCE FAIRCHILD AFB WA	Department of Defense	Air Force
99506-SDDSF-11530	AK8570028649	U.S. AIR FORCE ELMENDORF AFB	Department of Defense	Air Force
99506-SRFRC-EAREC	N/A	U.S. AIR FORCE EARECKSON AIR STATION	Department of Defense	Air Force
99613-SRFRC-KINGA	AK3570028669	U.S. AIR FORCE KING SALMON AK	Department of Defense	Air Force
99702-LSNRF-2258C	AK1570028646	U.S. AIR FORCE EIELSON AFB AK	Department of Defense	Air Force
99704-SRFRC-200AS	AK1570028638	U.S. AIR FORCE CLEAR AIR FORCE STATION AK	Department of Defense	Air Force
99741-SRFRC-GALEN	AK9570028655	U.S. AIR FORCE GALENA AIR STATION	Department of Defense	Air Force
01434-SRMYG-4217A	N/A	U. S. ARMY GARRISON FORT DEVENS RANGES	Department of Defense	Army
02542-SRMYN-BLDG4	N/A	U.S. ARMY NATIONAL GUARD CAMP ED WARDS RANGE	Department of Defense	Army
02818-SRMYC-2841S	RID980523450	U.S. ARMY CAMP FOGARTY TRAINING SITE SMALL ARMS RA	Department of Defense	Army
04210-SRMYM-64MUN	MED981889223	U.S. ARMY MAINE NATIONAL GUARD AUBURN TRAINING SIT	Department of Defense	Army
04401-SRMYM-3HILD	N/A	U.S. ARMY MAINE NATIONAL GUARD BANGOR TRAINING SIT	Department of Defense	Army
05446-SRMYC-789VE	VTD980524011	U.S. ARMY CAMP JOHNSON (RANGE)	Department of Defense	Army
05465-SRMYT-ETHAN	VT3210022718	U.S. ARMY ETHAN ALLEN FIRING RANGE	Department of Defense	Army
06497-SRMYS-550MA	CTD001181502	U.S. ARMY TACOM STRATFORD ARMY ENGINE PLANT	Department of Defense	Army
08640-SRMYH-5417A	NJ4213720275	U.S. ARMY HEADQUARTERS FORT DIX	Department of Defense	Army
10567-SCMPS-RTE62	N/A	U.S. CAMP SMITH TRAINING SITE	Department of Defense	Army
13602-SRMYF-HQ10T	NY0214020281	U.S. ARMY FORT DRUM	Department of Defense	Army

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
15225-SRMYC-39GRA	PA0210022109	U. S. ARMY CEKSF - NEVILLE ISLAND MAINTENANCE	Department of Defense	Army
17003-SRMYF-FRTIN	PA4214020444	U.S. ARMY FORT INDIANTOWN GAP NATIONAL GUARD TRAIN	Department of Defense	Army
17201-SDDSR-ATTNS	PA6213820503	U.S. ARMY LETTERKENNY ARMY DEPOT	Department of Defense	Army
18466-TBYHN-MAILS	PA5213820892	U.S. ARMY TOBYHANNA ARMY DEPOT	Department of Defense	Army
21005-BRDNP-STEAP	MD3210021355	U.S. ARMY ABERDEEN PROVING GROUND	Department of Defense	Army
21702-SRMYF-81SCH	MD8211620267	U.S. ARMY FORT DETRICK	Department of Defense	Army
22427-SRMYF-18902	VA2210020416	U.S. ARMY FORT AP HILL OPERATIONS	Department of Defense	Army
23604-SDDSR-FORTE	VA8213720321	U.S. ARMY TRANSPORTATION CENTER & FORT EUSTIS	Department of Defense	Army
23801-SRMYC-3901A	VA7210020502	U.S. ARMY GARRISON & FORT LEE - RANGE	Department of Defense	Army
23824-SRMYM-316RI	N/A	U.S. ARMY MTC FORT PICKETT CANTONMENT	Department of Defense	Army
24141-SDDSR-POBOX	VA1210020730	U.S. ARMY RADFORD ARMY AMMUNITION PLANT	Department of Defense	Army
26537-SRMYC-24ARM	N/A	U.S. ARMY CAMP DAWSON	Department of Defense	Army
27581-SRMYN-539RB	N/A	U.S. ARMY NATIONAL GUARD CAMP BUTNER RANGE	Department of Defense	Army
28307-DPTFR-DIREC	NC8210020121	U.S. ARMY FORT BRAGG	Department of Defense	Army
29207-SRMYS-ESSAY	SC3210020449	U.S. ARMY TRAINING CENTER (ATC) & FORT JACKSON RAN	Department of Defense	Army
30755-SRMYN-43PIS	N/A	U.S. ARMY NATIONAL GUARD VOLUNTEER TRAINING SITE C	Department of Defense	Army
30905-HQSRM-ENVNA	GA0210020368	U.S. ARMY HQ SIGNAL CENTER FORT GORDON	Department of Defense	Army
31314-SRMYF-1550C	GA9210020872	U.S. ARMY FORT STEWART	Department of Defense	Army
31905-SRMYF-USAIC	GA3210020084	U.S. ARMY FORT BENNING INFANTRY CENTER	Department of Defense	Army
36201-SDDSR-7FRAN	AL3210020027	U.S. ARMY ANNISTON ARMY DEPOT	Department of Defense	Army
36362-SVNCF-NOVOS	N/A	U.S. ARMY AVIATION CENTER & FORT RUCKER	Department of Defense	Army
37167-SRMYN-FITZH	N/A	U.S. ARMY NATIONAL GUARD VOLUNTEER TRAINING SITE S	Department of Defense	Army
37660-HLSTN-WESTS	TN5210020421	U.S. ARMY HOLSTON ARMY AMMUNITION PLANT	Department of Defense	Army
38348-SRMYN-325AR	N/A	U.S. ARMY NATIONAL GUARD VOLUNTEER TRAINING SITE M	Department of Defense	Army
38358-MLNRM-STATE	TN0210020582	U.S. ARMY MILAN ARMY AMMUNITION PLANT	Department of Defense	Army
38901-SRMYC-3152J	N/A	U.S. ARMY CAMP MCCAIN TRAINING SITE RANGE CONTROL	Department of Defense	Army

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
39407-SRMYC-BUILD	N/A	"U.S. ARMY" MOBILIZAU.S. ARMY MOBILIZATION CENTER	Department of Defense	Army
40121-SRMYR-BLDG7	KY6210020479	U.S. ARMY FORT KNOX	Department of Defense	Army
40475-SRMYB-2091K	KY8213820105	U.S. ARMY BLUE GRASS ARMY DEPOT	Department of Defense	Army
42223-SRMYF-8MILE	TN5210020140	U.S. ARMY FORT CAMPBELL RANGE FACILITY	Department of Defense	Army
42345-SRMYN-4675S	N/A	U.S. ARMY NATIONAL GUARD WENDELL FORD TRAINING CEN	Department of Defense	Army
46124-SRMYC-HOSPI	IN0211820048	U.S. ARMY CAMP ATTERBURY JOINT MANEUVER TRAINING C	Department of Defense	Army
50131-SRMYW-715NW	N/A	U.S. ARMY IOWA ARMY NATIONAL GUARD CAMP DODGE INST	Department of Defense	Army
52638-SRMYW-17571	IA7213820445	U.S. ARMY IOWA ARMY AMMUNITION PLANT	Department of Defense	Army
54656-FRCFM-BLDG2	WI3210020563	U.S. ARMY FORT MCCOY	Department of Defense	Army
55112-SRMYT-4700H	MN7213820908	U.S. ARMY TWIN CITIES ARMY AMMUNITION PLANT	Department of Defense	Army
56345-SRMYC-15HWY	MND980681894	U.S. ARMY CAMP RIPLEY TRAINING SITE	Department of Defense	Army
61299-SRMYR-ROCKI	IL5210021833	U.S. ARMY ROCK ISLAND ARSENAL	Department of Defense	Army
64051-SRMYL-INTER	MO4213820489	US ARMY LAKE CITY ARMY AMMUNITION PLANT	Department of Defense	Army
64772-SRMYC-RT3BX	N/A	U.S. ARMY CAMP CLARK	Department of Defense	Army
64850-CMPCR-89RAY	N/A	U.S. ARMY CAMP CROWDER	Department of Defense	Army
65473-STCNG-ATZTD	MO3213720979	U.S. ARMY MANEUVER SUPPORT CENTER & FORT LEONARD W	Department of Defense	Army
66442-SDDSR-AFZNE	KS6214020756	U.S. ARMY FORT RILEY	Department of Defense	Army
68901-SRMYN-6700E	NER000001669	U.S. ARMY NATL. GUARD GREENLIEF TRAINING SITE	Department of Defense	Army
71459-SDDSR-7330M	LA0214022725	U. S. ARMY JRTC & FORT POLK - CANTONMENT	Department of Defense	Army
71459-SRMYJ-2271L	N/A	U. S. ARMY JRTC & FORT POLK - RANGES	Department of Defense	Army
71602-SRMYP-10020	AR0213820707	U.S. ARMY PINE BLUFF ARSENAL	Department of Defense	Army
72199-SRMYC-131MI	N/A	U.S. ARMY CAMP J. T. ROBINSON	Department of Defense	Army
72905-SRMYF-4THAV	N/A	U.S. ARMY FORT CHAFFEE MANEUVER TRAINING CENTER	Department of Defense	Army
73503-SRMYF-DIREC	OK4213720846	U.S. ARMY FORT SILL	Department of Defense	Army
74501-MCLST-HWY69	OK6213822798	U.S. ARMY MCALESTER ARMY AMMUNITION PLANT	Department of Defense	Army
75473-SRMYC-SH271	N/A	U.S. ARMY CAMP MAXEY	Department of Defense	Army

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
75505-SRMYL-HWY82	TX7213821831	U.S. ARMY LONE STAR ARMY AMMUNITION PLANT	Department of Defense	Army
75507-SDDRD-SDSRR	TX3213820738	U.S. ARMY RED RIVER ARMY DEPOT	Department of Defense	Army
76548-SRMYF-BLDG4	TX8214020424	U.S. ARMY FORT HOOD RANGE FACILITY	Department of Defense	Army
76801-SRMYC-561FM	N/A	U.S. ARMY CAMP BOWIE	Department of Defense	Army
78257-SRMYC-4782W	N/A	U.S. ARMY CAMP BULLIS TRAINING SITE	Department of Defense	Army
78602-SRMYC-2SH95	N/A	U.S. ARMY CAMP SWIFT FORM R	Department of Defense	Army
79916-SRMYR-TAYLO	TX4213720101	U.S. ARMY AIR DEFENSE ARTILLERY CENTER & FORT BLIS	Department of Defense	Army
80913-FRTCR-COMMA	CO2210020150	U.S. ARMY FORT CARSON	Department of Defense	Army
82214-SRMYC-FREMN	WYD982587305	U.S. ARMY CAMP GUERNSEY TRAINING AREAS	Department of Defense	Army
84022-SRMYD-STEDP	UT3750211259	U.S. ARMY DUGWAY PROVING GROUN D	Department of Defense	Army
84065-SRMYC-178SR	N/A	U.S. ARMY CAMP W. G. WILLIAMS WITH /U.S. ARMY	Department of Defense	Army
84074-SRMY -DESER	UT5210090002	U.S. ARMY DESERET CHEMICAL DEPOT	Department of Defense	Army
84074-TLRMY-SDSTE	UT3213820894	U.S. ARMY TOOELE ARMY DEPOT MUNITION TREATMENT	Department of Defense	Army
85008-SRMYN-5636E	AZ4211890021	U.S. ARMY NATIONAL GUARD PAPAGO PARK RANGE	Department of Defense	Army
85232-SRMYN-11NFL	N/A	U.S. ARMY NATIONAL GUARD FLORENCE TRAINING RANGE	Department of Defense	Army
85365-SRMYY-ATTNS	AZ5213820991	U.S. ARMY YUMA PROVING GROUND	Department of Defense	Army
85613-SRMYG-ATTNA	AZ0210020434	U.S. ARMY GARRISON FORT HUACHUCA	Department of Defense	Army
86015-SRMYN-1HUGH	N/A	U.S. ARMY NATIONAL GUARD CAMP NAVAJO RANGE	Department of Defense	Army
88002-WHTSN-STEWS	NM2750211235	U.S. ARMY GARRISON WHITE SANDS MISSILE RANGE	Department of Defense	Army
89415-HWTHR-SEQTR	NV1210090006	U.S. ARMY HAWTHORNE ARMY DEPOT NEW BOMB	Department of Defense	Army
89415-SRMYH-SEC30	NV1210090006	U.S. ARMY HAWTHORNE ARMY DEPOT OLD BOMB	Department of Defense	Army
89415-SRMYH-USRTE	NV1210090006	U.S. ARMY HAWTHORNE ARMY DEPOT MAIN BASE	Department of Defense	Army
92310-SDDNT-DIREC	CA5213790038	U.S. ARMY FORT IRWIN NATIONAL TRAINING CENTER	Department of Defense	Army
93405-SRMYC-1SNMA	N/A	U.S. ARMY CAMP SAN LUIS OBISPO	Department of Defense	Army
93451-SRMYC-HWY11	N/A	U.S. ARMY CAMP ROBERTS	Department of Defense	Army
93928-SNVYF-AFRCF	CA8210020436	U.S. ARMY GARRISON FORT HUNTER LIGGETT	Department of Defense	Army
94568-SRMYP-5THST	CA0210490405	U.S. ARMY CSTC & CAMP PARKS	Department of Defense	Army
94607-SRMYR-24ENG	N/A	US ARMY RESERVE CENTER OAKLAND	Department of Defense	Army

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
96113-SRRRM-SIERR	CA5210020843	U.S. ARMY SIERRA ARMY DEPOT	Department of Defense	Army
96720-SRMYP-SADDL	HIR000000703	U.S. ARMY POHAKULOA TRAINING AREA - RANGE FACILITY	Department of Defense	Army
96792-SRMYM-FARRI	HI7210022227	U.S. ARMY MAKUA MILITARY RESERVATION	Department of Defense	Army
96857-SDDSR-WHEEL	HI0570090027	U.S. ARMY SCHOFIELD BARRACKS / WHEELER ARMY AIRFIE	Department of Defense	Army
97838-MTLLC-SCBUL	OR6213820917	U.S. ARMY UMATILLA CHEMICAL DEPOT	Department of Defense	Army
98433-SDDSR-11MIL	WA9214053465	U.S. ARMY FORT LEWIS	Department of Defense	Army
98901-SRMYY-BLDG3	WA8214053995	U.S. ARMY YAKIMA TRAINING CENTER RANGE OPERATIONS	Department of Defense	Army
99505-SRMYF-730QU	AK1210022157	U.S. ARMY FORT RICHARDSON-TRAINING RANGES	Department of Defense	Army
99703-SDPRT-1060G	AK6210022426	U.S. ARMY FORT WAINWRIGHT	Department of Defense	Army
99737-SRMYF-RICHA	AK3210022155	U.S. ARMY DONNELLY TRAINING AREA	Department of Defense	Army
99737-SRMYF-RICHB	AK3210022155	U.S. ARMY FORT GREELY AK	Department of Defense	Army
17070-SDLDF-2001M	N/A	U.S. DLA DEFENSE DISTRIBUTION DEPOT SUSQUENHANNA P	Department of Defense	Defense Logistics Agency
44482-SDFNS-PINES	OH7971500700	U.S. DEFENSE NATIONAL STOCKPILE CENTER WARREN DEPO	Department of Defense	Defense Logistics Agency
46774-SDFNS-15411	IN5470000600	U.S. DEFENSE NATIONAL STOCKPILE CENTER NEW HAVEN D	Department of Defense	Defense Logistics Agency
62959-LNCRP-RTE14	IL6140090220	GENERAL DYNAMICS ORDNANCE & TA CTICAL SYSTEMS INC.	Department of Defense	General Dynamics-Ordinance & Tactical Systems
06349-NVLSB-CRYST	CT4170022020	U.S. NAVY NEW LONDON NAVAL SUBMARINE BASE	Department of Defense	Marine Corps
22134-SDDSM-3040M	VA1170024722	U.S. MARINE CORPS BASE QUANTICO	Department of Defense	Marine Corps
28516-SMRNC-PINEY	N/A	U.S. MARINE CORPS MCAS CHERRY PT - BT11 BOMBING RA	Department of Defense	Marine Corps
28533-SDDSM-NCHWY	NC1170027261	U.S. MARINE CORPS CHERRY POINT AIR STATION	Department of Defense	Marine Corps
28533-SMRNC-NCHWA	NC1170027261	U.S. MARINE CORPS CHERRY POINT AIR STATION BT9 BOMBING RANGE	Department of Defense	Marine Corps
28533-SMRNC-NCHWY	NC1170027261	U.S. MARINE CORPS CHERRY POINT AIR STATION RANGE COMPLEX	Department of Defense	Marine Corps
28542-CMPLJ-ATTNA	NC6170022580	U.S. MARINE CORPS CAMP LEJEUNE MARINE CORPS BASE	Department of Defense	Marine Corps
29904-SDDMC-HWY21	SC1750216169	U.S. MARINE CORPS MCAS BEAUFORT	Department of Defense	Marine Corps
29905-SMCMR-BLVDD	SC6170022762	U.S. MARINE CORPS RECRUIT DEPOT PARRIS ISLAND	Department of Defense	Marine Corps

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
31331-SMRNC-HWY57	GAD984319624	U.S. MARINE CORPS MCAS BEAUFORT TOWNSEND BOMBING R	Department of Defense	Marine Corps
31547-SNVYK-1063U	GA4170090001	U.S. NAVY KINGS BAY NAVAL SUBMARINE BASE	Department of Defense	Marine Corps
31704-SDDMR-814RA	GA7170023694	U.S. MARINE CORPS LOGISTICS BASE ALBANY	Department of Defense	Marine Corps
85369-MRNCR-AVE3E	AZ8170024493	U.S. MARINE CORPS AIR STATION YUMA	Department of Defense	Marine Corps
85369-SMRNC-COUNA	AZR000037382	U.S. MARINE CORPS BARRY M. GOLDWATER RANGE COMPLEX	Department of Defense	Marine Corps
85369-SMRNC-COUNT	AZR000037382	U.S. MARINE CORPS CANNON COMPLEX	Department of Defense	Marine Corps
92055-MRNCR-POBOX	CA2170023533	U.S. MARINE CORPS MCB CAMP PENDLETON	Department of Defense	Marine Corps
92106-SNVYN-140SY	CA1170090020	U.S. NAVY NAVAL SUBMARINE BASE SAN DIEGO RANGE	Department of Defense	Marine Corps
92145-SMRNC-45249	CA9170024740	U.S. MARINE CORPS AIR STATION MIRAMAR	Department of Defense	Marine Corps
92257-SMRNC-NAVYS	CA0000375055	U.S. MARINE CORPS CHOCOLATE MOUNTAINS AERIAL GUNNE	Department of Defense	Marine Corps
92278-SMRNC-BLDG1	CA0170090013	U.S. MARINE CORPS TWENTYNINE PALMS RANGE	Department of Defense	Marine Corps
92311-SDDSM-B505B	CA8170024261	US MARINE CORPS LOGISTICS BASE	Department of Defense	Marine Corps
93517-SMRNC-HWY10	CA4170090209	U.S. DOD MARINE CORPS MOUNTAIN WARFARE TRAINING CE	Department of Defense	Marine Corps
96706-SMRNC-1PUUL	HIR000096420	US MARINE CORPS BASE HAWAII PUULOA TRAINING FACILI	Department of Defense	Marine Corps
96863-SMRNC-MAGAZ	HI6170022762	U.S. MARINE CORPS BASE HAWAII	Department of Defense	Marine Corps
10996-SMLTR-646SW	NY8210020915	U.S. MILITARY ACADEMY	Department of Defense	Military Academy
00735-SDDSN-RTEPR	PR2170027203	U.S. NAVY NAVAL STATION ROOSEVELT ROADS	Department of Defense	Navy
00735-SNVYN-LAKEC	PR2170027203	U.S. NAVY NAVAL STATION ROOSEVELT ROADS SMALL ARMS	Department of Defense	Navy
02841-SNVYN-1SIMO	RI1170024243	U.S. NAVY NAVAL STATION NEWPORT	Department of Defense	Navy
03904-PRTSM-SEAVE	ME7170022019	US NAVY PORTSMOUTH NAVAL SHIPYARD	Department of Defense	Navy
04011-SNVYN-437HU	N/A	U.S. NAVY NAVAL AIR STATION BRUNSWICK	Department of Defense	Navy
04626-NVLCM-RTE19	ME5170024355	U.S. NAVY NCTAMS LANT DET CUTLER	Department of Defense	Navy
07722-NVLWP-201HW	NJ0170022172	U.S. NAVY NAVAL WEAPONS STATION EARLE	Department of Defense	Navy
08733-NVLRN-RTE54	NJ7170023744	US NAVY NAVAL AIR ENGINEERING STATION LAKEHURST	Department of Defense	Navy
19112-SDDSN-CODE1	PA4170022418	U.S. NAVY CNRMA-PNBC SITE	Department of Defense	Navy
20640-SDDND-101ST	MD4170024109	U.S. NAVY NAVAL SUPPORT FACILITY INDIAN HEAD	Department of Defense	Navy

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
20670-SDDNV-NAVAL	MD7170024536	U.S. NAVY PATUXENT RIVER NAVAL AIR STATION	Department of Defense	Navy
22488-SDDNV-17320	VA7170024684	U.S. NAVY DAHLGREN NAVAL SURFACE WARFARE CENTER	Department of Defense	Navy
23185-SNVYC-18SAN	VA3170024605	U.S NAVY CHEATHAM ANNEX RANGE	Department of Defense	Navy
23322-SNVYN-132NW	N/A	U.S/ NAVY NAVAL SUPPORT ACTIVITY NORTHWEST ANNEX R	Department of Defense	Navy
23460-SNVLR-OCEAN	VA2170024606	U.S. NAVY NAVAL AIR STATION OCEANA	Department of Defense	Navy
23461-SNVYF-1912R	VA5170022938	U.S. NAVY FLEET COMBAT TRAINING CENTER ATL DAM NEC	Department of Defense	Navy
23511-NVLBS-1530G	N/A	U.S. NAVY NAVAL STATION NORFOLK	Department of Defense	Navy
23521-SDDSN-2600T	VA5170022482	U.S. NAVY NAVAL AMPHIBIOUS BASE LITTLE CREEK	Department of Defense	Navy
23690-SNVYD-YRKTW	N/A	US NAVY DEFENSE FUEL SUPPORT POINT YORKTOWN FUELS	Department of Defense	Navy
23703-CRNYS-4501C	VA0170090005	US NAVY DEFENSE FUEL SUPPORT POINT CRANEY ISLAND	Department of Defense	Navy
23709-SDDSN-INTER	VA1170024813	U.S. NAVY NORFOLK NAVAL SHIPYARD	Department of Defense	Navy
23709-SNVYS-BURTN	N/A	U.S. NAVY SOUTHGATE ANNEX RANGE	Department of Defense	Navy
26726-LLGNY-WESTV	WV0170023691	ATK TACTICAL PROP & CONTROLS-ALLEGANY BALLISTICS L	Department of Defense	Navy
29445-SNVYS-2316R	SC8170022620	U.S. NAVY NAVAL WEAPONS STATION CHARLESTON	Department of Defense	Navy
30060-SNVYN-1HALS	GA4170024174	U.S. NAVY NAVAL AIR STATION ATLANTA	Department of Defense	Navy
32212-SDDSN-6500R	N/A	U.S. NAVY NAVAL AIR STATION JACKSONVILLE	Department of Defense	Navy
32228-NVLST-OLDMA	FL9170024260	U.S. NAVY NAVAL STATION MAYPORT RANGE	Department of Defense	Navy
32407-SNVYN-6703W	FL8170023792	U.S. NAVY NSWC DAHLGREN DIV COASTAL SYSTEMS STATION	Department of Defense	Navy
32508-NSPNS-190RA	FL9170024567	U.S. NAVY NAVAL AIR STATION PENSACOLA	Department of Defense	Navy
39309-SNVYN-429AL	MS1971590012	U.S. NAVY NAVAL AIR STATION MERIDIAN	Department of Defense	Navy
47522-NVLSR-300HW	IN5170023498	U.S. NAVY NAVAL SURFACE WARFARE CENTER CRANE DIV.	Department of Defense	Navy
60088-SNVYN-201DE	IL7170024577	US NAVY NAVAL STATION GREAT LAKES	Department of Defense	Navy
70143-SNVYN-BELLE	LA6170022788	U.S. NAVY NAVAL AIR STATION JOINT RESERVE BASE NEW	Department of Defense	Navy
76127-SNVYN-151CH	TX0571924042	U.S. NAVY NAVAL AIR STATION JOINT RESERVE BASE FOR	Department of Defense	Navy
78363-SNVYK-554MC	TX3170024761	U.S. NAVY NAVAL AIR STATION KINGSVILLE RANGE	Department of Defense	Navy

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
78419-NVLRS-11001	TX7170022787	U.S. NAVY NAVAL AIR STATION CORPUS CHRISTI	Department of Defense	Navy
89406-SNVYN-NAVAL	NV9170022173	U.S. NAVY NAVAL AIR STATION FALLON	Department of Defense	Navy
90740-SNVYN-8SEAL	CA0170024491	U.S. NAVY NAVAL WEAPONS STATION SEAL BEACH RANGE	Department of Defense	Navy
92135-SNVYN-55NMS	CA4170090456	U.S. NAVY NAVAL AUXILIARY LANDING FIELD SAN CLEMEN	Department of Defense	Navy
92135-SNVYN-STAFF	N/A	U.S. NAVY NAVAL AIR STATION NORTH ISLAND	Department of Defense	Navy
92136-SDDSN-3455S	CA6170024289	U.S. NAVY NAVAL BASE SAN DIEGO RANGE	Department of Defense	Navy
92155-NVLMP-3420G	CA9170023130	U.S. NAVY NAVAL AMPHIBIOUS BASE SMALL ARMS RANGE	Department of Defense	Navy
93042-SNVYN-311MA	CA9170027271	U.S. NAVY NBVC NAVAL AIR STATION POINT MUGU	Department of Defense	Navy
93042-SNVYN-6MILE	CA7170090206	U.S. NAVY NAVAL BASE VENTURA COUNTY (NBVC) SAN NIC	Department of Defense	Navy
93246-SNVYN-7AVEN	N/A	U.S.NAVY NAS LEMOORE (INSTALLATION)	Department of Defense	Navy
93555-SNVYC-1ADMI	N/A	U.S. NAVY CHINA LAKE RANGE COMPLEX	Department of Defense	Navy
93555-SNVYN-1ADMI	N/A	U.S. NAVY NAVAL AIR WEAPONS STATION CHINA LAKE	Department of Defense	Navy
96752-SNVYP-KAUMU	HI6170024719	U.S. NAVY PACIFIC MISSILE RANGE FACILITY	Department of Defense	Navy
96860-PRLHR-850TI	N/A	US NAVY PEARL HARBOR NAVAL COMPLEX	Department of Defense	Navy
96915-SNVYC-BLDG1	GU7170027323	U.S. NAVY COMNAVMARIANAS GUAM NCTS PISTOL RANGE	Department of Defense	Navy
96915-SNVYC-BLDGA	GU7170027323	U.S. NAVY COMNAVMARIANAS GUAM KD/OROTE	Department of Defense	Navy
98278-SNVYN-11LEX	N/A	U.S. NAVY NAS WHIDBEY ISLAND AVITFIELD RANGES	Department of Defense	Navy
98314-SDDSN-1400F	WA2170023418	US NAVY PSNS & IMF - BREMERTON SITE & NAVAL BASE K	Department of Defense	Navy
97058-SDBNN-3920C	OR6891419958	US DOE BONNEVILLE POWER ADMIN. CELILO CONVERTER STATION	Department of Energy	Bonneville Power Administration
11973-SDBRK-53BEL	NY7890008975	U.S. DOE BROOKHAVEN NATIONAL LABORATORY	Department of Energy	National Laboratory System
37831-SDKRD-BETHE	TN1890090003	US DOE OAK RIDGE NATIONAL LABORATORY	Department of Energy	National Laboratory System
60439-SDRGN-9700S	IL3890008946	U.S. DOE ARGONNE NATIONAL LABORATORY	Department of Energy	National Laboratory System
83415-SDDHN-LINCO	ID4890008952	U.S. DOE IDAHO NATIONAL LABORATORY SITE	Department of Energy	National Laboratory System
87185-SDSND-PENNS	NM5890015535	U.S. DOE SANDIA NATIONAL LABS / NEW MEXICO	Department of Energy	National Laboratory System
87544-SDLSL-52835	NM0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	Department of Energy	National Laboratory System
89049-SDSND-1TONO	N/A	U.S. DOE SANDIA NATIONAL LABORATORIES / NV	Department of Energy	National Laboratory System

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
94025-SDSTN-2575S	CA8890016126	US DOE STANFORD LINEAR ACCELERATOR CENTER	Department of Energy	National Laboratory System
94550-SDSND-7011E	CA2890012923	U.S. DOE SANDIA NATIONAL LABOR ATORIES/CALIFORNIA	Department of Energy	National Laboratory System
94551-SDLWR-7000E	CA2890012584	U.S. DOE LAWRENCE LIVERMORE NATIONAL LABORATORY	Department of Energy	National Laboratory System
95376-SDLLN-15999	CA2890090002	U.S. DOE LLNL EXPERIMENTAL TEST SITE (S300)	Department of Energy	National Laboratory System
37831-SDKRD-BEARC	TN3890090001	U.S. DOE OAK RIDGE NNSA Y-12 NATIONAL SECURITY COM	Department of Energy	National Nuclear Security Administration
64131-SDPTF-2000E	MO9890010524	U.S DOE KANSAS CITY PLANT	Department of Energy	National Nuclear Security Administration
79120-SDPRT-USHIG	TX4890110527	U.S. DOE PANTEX PLANT	Department of Energy	National Nuclear Security Administration
88220-SDWST-3MILE	N/A	U.S. DOE WASTE ISOLATION PILOT PLANT	Department of Energy	National Nuclear Security Administration
89023-SDNVD-USHWY	NV3890090001	US DOE NNSA/NSO NEVADA TEST SITE	Department of Energy	National Nuclear Security Administration
89023-SDYCC-FIELD	N/A	U.S. DOE YUCCA MOUNTAIN PROJECT SITE	Department of Energy	Office of Civilian Radioactive Waste Management
29802-SDSVN-SCHWY	N/A	U.S. DOE SAVANNAH RIVER OPS	Department of Energy	Office of Environmental Management
80402-SDRCK-SEC14	CO7890010526	U.S. DOE ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE	Department of Energy	Office of Legacy Management
87117-SDNNP-BLDG3	NM1890132300	U.S. DOE NATIONAL TRAINING CENTER CTA	Department of Energy	Safeguards & Security National Training Academy
70645-SDPRT-1450B	LA2890032582	U.S. DOE WEST HACKBERRY SPR SITE	Department of Energy	Strategic Petroleum Reserve
70764-SDBYC-HWY11	LA3890090001	U.S. DOE BAYOU CHOCTAW SPR SITE	Department of Energy	Strategic Petroleum Reserve
77471-SDPRT-COUNT	TX0890032584	U.S. DOE BRYAN MOUND SPR SITE	Department of Energy	Strategic Petroleum Reserve
77665-SDBGH-2478A	N/A	U.S. DOE BIG HILL SPR SITE	Department of Energy	Strategic Petroleum Reserve
42001-PDCHG-HOBBS	KYR000004424	U.S. ENRICHMENT CORP PADUCAH GASEOUS DIFFUSION PLA	Department of Energy	U.S. Enrichment Corporation
42001-SDPDC-5600H	KY8890008982	U.S. DOE PADUCAH SITE	Department of Energy	U.S. Enrichment Corporation
45661-NTDST-3930U	OH7890008983	US ENRICHMENT CORP PORTSMOUTH GASEOUS DI FFUSION P	Department of Energy	U.S. Enrichment Corporation
45661-SDPRT-3930U	OH7890008983	U.S. DOE PORTSMOUTH GASEOUS DIFFUSION PLANT	Department of Energy	U.S. Enrichment Corporation
20892-NTNLN-9000R	MD6150004095	U.S. PUBLIC HEALTH SERVICE NATIONAL INSTITUTES OF	Department of Health and Human Services	National Institutes of Health
02542-SCSTG-3162H	N/A	U.S. COAST GUARD AIR STATION CAPE COD	Department of Homeland Security	Coast Guard

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
06320-SCSTG-15MOH	CT0690307871	US COAST GUARD ACADEMY	Department of Homeland Security	Coast Guard
07732-SCSTG-20CRI	NJ4690308024	U.S. COAST GUARD DETACHMENT SANDY HOOK	Department of Homeland Security	Coast Guard
08204-SCSTG-1MUNR	NJ4690308933	U S COAST GUARD TRAINING CENTER CAPE MAY	Department of Homeland Security	Coast Guard
23690-SCSTG-ENDOF	VA6690313055	U.S. COAST GUARD TRACEN YORKTOWN	Department of Homeland Security	Coast Guard
23701-SDTSC-4000C	VA4690320235	US COAST GUARD INTEGRATED SUPPORT COMMAND PORTSMOU	Department of Homeland Security	Coast Guard
77553-SCSTG-FRTPI	TX7690308377	U.S. COAST GUARD BASE GALVESTON	Department of Homeland Security	Coast Guard
94952-SCSTG-599TO	CA3690390213	U.S. COAST GUARD TRAINING CENTER PETALUMA	Department of Homeland Security	Coast Guard
98134-SCSTG-1519A	WA6690331347	U.S. COAST GUARD INTEGRATED SUPPORT COMMAND SEATTL	Department of Homeland Security	Coast Guard
98624-SDHSS-322CA	N/A	U.S. DHS STATION CAPE DISAPPOINTMENT	Department of Homeland Security	Coast Guard
99619-SCSTG-COAST	AK9690330742	US COAST GUARD INTEGRATED SUPPORT COMMAND KODIAK	Department of Homeland Security	Coast Guard
99901-SCSTG-1300S	AK8690360492	US COAST GUARD ISC KETCHIKAN	Department of Homeland Security	Coast Guard
20623-SDPRT-9CMMR	N/A	U.S. DHS FLETC CHELTENHAM MD	Department of Homeland Security	Federal Law Enforcement Training Center
31524-STRSR-FLETC	GA6202932244	U.S. DHS FLETC GLYNCO GA	Department of Homeland Security	Federal Law Enforcement Training Center
88210-STRSR-1300W	NMR000002964	U.S. DHS FEDERAL LAW ENFORCEMENT TRAINING CENTER A	Department of Homeland Security	Federal Law Enforcement Training Center
11430-SCSTM-JFKBU	N/A	U.S. CUSTOMS SERVICE FIRING RANGE	Department of Homeland Security	Immigration & Customs Enforcement
20536-SDHSM-425IS	N/A	U.S. DHS IMMIGRATION & CUSTOMS ENFORCEMENT (ICE)	Department of Homeland Security	Immigration & Customs Enforcement
22630-SCSTM-828HA	N/A	U.S. CUSTOMS SERVICE CANINE TRAINING FACILITY FIRI	Department of Homeland Security	Immigration & Customs Enforcement
31905-SCSTM-BUCHA	N/A	U.S. CUSTOMS SERVICE - BUCHANAN FT. BENNING FIRI	Department of Homeland Security	Immigration & Customs Enforcement
60607-SCSTM-610SC	IL3470000032	U.S. CUSTOMS HOUSE FIRING RANGE	Department of Homeland Security	Immigration & Customs Enforcement
78834-SCSTM-1868E	N/A	U.S. CUSTOMS SERVICE FIRING RANGE	Department of Homeland Security	Immigration & Customs Enforcement
79838-SCSTM-161SC	N/A	U.S. CUSTOMS SERVICE FABENS FIRING RANGE	Department of Homeland Security	Immigration & Customs Enforcement
88008-SCSTM-15NEW	N/A	U.S. CUSTOMS SERVICE FIRING RANGE	Department of Homeland Security	Immigration & Customs Enforcement
20707-JMSJR-9200P	MD5202720012	U.S. DHS JAMES J. ROWLEY TRAINING CENTER	Department of Homeland Security	Secret Service

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
20226-SDJBR-650MA	DC0001010057	U.S. DOJ BUREAU OF ALCOHOL TOBACCO FIREARMS & EXPL	Department of Justice	Bureau of Alcohol, Tobacco, Firearms, & Explosives
25401-SDJBR-244NE	WVR000502427	U.S. DOJ BUREAU OF ALCOHOL TOBACCO FIREARMS & EXPL	Department of Justice	Bureau of Alcohol, Tobacco, Firearms, & Explosives
08320-SBRFP-FAIRT	N/A	U.S. BUREAU OF PRISONS FEDERAL CORRECTIONAL INSTIT	Department of Justice	Bureau of Prisons
17810-SDJFC-2MILE	N/A	U.S. DOJ FCC ALLENWOOD	Department of Justice	Bureau of Prisons
22135-SDJFB-MCB4B	N/A	U.S. DOJ FBI TRAINING ACADEMY	Department of Justice	Federal Bureau of Investigation
22153-SDPRT-7943C	VAD982673683	U.S. DEPARTMENT OF STATE SA-7A FIRING RANGE	Department of State	Bureau of Diplomatic Security
20708-PTXNT-12100	N/A	U.S. DOI U.S. FISH & WILDLIFE PATUXENT RESEARCH REFUGE	Department of the Interior	Fish and Wildlife Service
00830-SNTLP-13CRU	N/A	U.S. NATL. PARK SERVICE VIRGIN ISLANDS NATIONAL PA	Department of the Interior	National Park Service
04609-SNTLP-RTE23	MER000501361	US NATL PARK SERVICE ACADIA NATIONAL PARK	Department of the Interior	National Park Service
18328-SNPSD-WILSO	N/A	US NATL PARK SERVICE DELAWARE WATER GAP NRA (DEWA)	Department of the Interior	National Park Service
21740-SNTLP-185DU	N/A	U.S. NATL. PARK SERVICE CHEASAPEAKE & OHIO CANAL N	Department of the Interior	National Park Service
21788-SNTLP-662FX	N/A	U.S. NATL. PARK SERVICE CATOCTIN MOUNTAIN PARK (CA	Department of the Interior	National Park Service
22172-SNTLP-181PA	N/A	U.S. NATL. PARK SERVICE PRINCE WILLIAM FOREST PARK	Department of the Interior	National Park Service
22835-SNTLP-3655U	VA5140000949	US NATL PARK SERVICE SHENANDOAH NATIONAL PARK (SHE	Department of the Interior	National Park Service
27954-SNTLP-141NA	N/A	U.S. NATL PARK SERVICE CAPE HATTTERAS NATL SEASHOR	Department of the Interior	National Park Service
28803-SNTLP-199HE	N/A	US NATL PARK SERVICE BLUE RIDGE PARKWAY (BLRI)	Department of the Interior	National Park Service
37738-SNTLP-17PAR	N/A	U.S. NATL PARK SERVICE GREAT SMOKY MOUNTAINS NATIO	Department of the Interior	National Park Service
37841-SNTLP-4564L	N/A	U.S. NATL. PARK SERVICE BIG SOUTH FORK NRRA	Department of the Interior	National Park Service
38801-SNTLP-268NA	N/A	U.S. NATL. PARK SERVICE NATCHEZ TRACE NATIONAL SCE	Department of the Interior	National Park Service
49630-SNPSS-9922F	N/A	US NATL PARK SERVICE SLEEPING BEAR DUNES NATL LAKE	Department of the Interior	National Park Service
57747-SDNPS-13MIL	SD0000052118	US NATL PARK SERVICE WIND CAVE NATL PARK	Department of the Interior	National Park Service
57750-SNTLP-25216	N/A	U.S. NATL. PARK SERVICE BADLANDS NATIONAL PARK	Department of the Interior	National Park Service

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
57751-SNTLP-13HWY	N/A	US NATL PARK SERVICE MOUNT RUSHMORE NMEM	Department of the Interior	National Park Service
59035-SNTLP-5AVEB	N/A	U.S. NATL. PARK SERVICE BIGHORN CANYON NRA	Department of the Interior	National Park Service
63965-SNTLP-ZARKN	N/A	US NATL PARK SERVICE OZARK NATIONAL SCENIC RIVERWA	Department of the Interior	National Park Service
72601-SNTLP-42NWA	N/A	U.S. NATL. PARK SERVICE BUFFALO NATIONAL RIVER	Department of the Interior	National Park Service
78418-SNTLP-MALAQ	TX1141799907	U.S. NATL. PARK SERVICE PADRE ISLAND NATIONAL PARK	Department of the Interior	National Park Service
78840-SNTLP-4121V	N/A	U.S. NATL. PARK SERVICE AMISTAD NRA	Department of the Interior	National Park Service
79036-SNTLP-419EB	N/A	U.S. NATL PARK SERVICE LAKE MEREDITH NRA (LAMR)	Department of the Interior	National Park Service
79834-SNTLP-1PANT	TX7141707094	US NATL PARK SERVICE BIG BEND NATL PARK	Department of the Interior	National Park Service
82190-SDYLL-BOX16	N/A	US NATL PARK SERVICE YELLOWSTONE NATIONAL PARK	Department of the Interior	National Park Service
83012-SNTLP-PBX17	WY4141790028	U.S. NATL PARK SERVICE GRAND TETON NATIONAL PARK (	Department of the Interior	National Park Service
84532-SNTLP-2282S	UTR000004002	U.S. NATL. PARK SERVICE CANYONLANDS NATIONAL PARK	Department of the Interior	National Park Service
84767-SNTLP-ZINNA	N/A	U.S. NATL. PARK SERVICE ZION NATIONAL PARK (ZION)	Department of the Interior	National Park Service
84775-SNTLP-HC7BX	N/A	U.S. NATL. PARK SERVICE CAPITOL REEF NATIONAL PARK	Department of the Interior	National Park Service
85321-SNTLP-1RGAN	N/A	U.S. NATL. PARK SERVICE ORGAN PIPE CACTUS NATIONAL	Department of the Interior	National Park Service
86023-SNTNL-ALBRI	N/A	US NATL PARK SERVICE GRAND CANYON NATIONAL PARK	Department of the Interior	National Park Service
86028-SNTLP-1PARK	N/A	US NATL PARK SERVICE PETRIFIED FOREST NP	Department of the Interior	National Park Service
86040-SNTLP-PBX15	N/A	U.S. NATL PARK SERVICE GLEN CANYON NRA (GRCA)	Department of the Interior	National Park Service
89005-SDNPS-601NE	NVD981628852	US NATL PARK SERVICE LAKE MEAD NRA (LAME)	Department of the Interior	National Park Service
92277-SNTLP-74485	CAD981389240	U.S. NATL. PARK SERVICE JOSHUA TREE NATIONAL PARK	Department of the Interior	National Park Service
92328-SDNTL-CAHWY	CAL000129856	US NATL PARK SERVICE DEATH VALLEY NATIONAL PARK (D	Department of the Interior	National Park Service
93271-SNTLP-475GE	N/A	US NATL PARK SERVICE KINGS CANYON NATIONAL PARK (S	Department of the Interior	National Park Service
95318-SNTNL-POBOX	CA5141790118	U.S. NATL PARK SERVICE YOSEMITE NATL PARK	Department of the Interior	National Park Service
95531-SDRDW-11112	N/A	U.S. NATL. PARK SERVICE REDWOOD NATL. PARK FIRING RANGE	Department of the Interior	National Park Service

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
96718-SNTLP-1CRAT	N/A	US NATL PARK SERVICE HAWAII VOLCANOES NATIONAL PAR	Department of the Interior	National Park Service
98362-SNTLP-6EPAR	WA2141707156	U.S. NATL. PARK SERVICE OLYMPIC NATIONAL PARK	Department of the Interior	National Park Service
08234-SFWLL-FACIL	NJ5690510024	U.S. FAA TECHNICAL CENTER	Department of Transportation	Federal Aviation Administration
20228-BRFNG-14THC	DC2200907812	U.S. DEPT OF THE TREASURY BUREAU OF ENGRAVING & PR	Department of Treasury	Bureau of Engraving & Printing
76131-STRSR-9000B	TX1200939626	U.S. BUREAU OF ENGRAVING & PRINTING WESTERN CURREN	Department of Treasury	Bureau of Engraving & Printing
19106-NTDST-151NI	PA1201332243	U.S. DEPARTMENT OF THE TREASURY U.S. MINT AT PHILA	Department of Treasury	U.S. Mint
80204-NTDST-320WE	CO9220090089	U.S. DEPARTMENT OF THE TREASURY U.S. MINT DENVER	Department of Treasury	U.S. Mint
00921-SVCRB-1CASI	PR3360090010	U.S. VA CARIBBEAN HEALTHCARE SYSTEM	Department of Veterans Affairs	Department of Veterans Affairs
04330-SDPRT-1VETE	MED037719846	U.S. VA TOGUS VA MED/REGIONAL OFFICE CENTER	Department of Veterans Affairs	Department of Veterans Affairs
33125-SVHLT-121NW	N/A	U.S. VA HEALTHCARE SYSTEM MIAMI	Department of Veterans Affairs	Department of Veterans Affairs
33612-SVJMS-13BRU	FLD982087835	U.S. VA JAMES A. HALEY VETERAN'S HOSPITAL	Department of Veterans Affairs	Department of Veterans Affairs
33744-SVBYP-1BAYP	N/A	U.S. VA BAY PINES HEALTHCARE SYSTEM	Department of Veterans Affairs	Department of Veterans Affairs
50310-SVCNT-363TH	N/A	U.S. VA CENTRAL IOWA HEALTH CARE SYSTEM DES MOINES	Department of Veterans Affairs	Department of Veterans Affairs
72114-SVMDC-22FRT	N/A	U.S. VA MEDICAL CENTER POLICE FIRING RANGE	Department of Veterans Affairs	Department of Veterans Affairs
27711-SNVRN-86TWA	NC5680090003	U.S. EPA ORD/RESEARCH TRIANGLE PARK	Environmental Protection Agency	Environmental Protection Agency
27711-SPRDR-109TW	NC2750890004	U.S. EPA ORD/RTP MAIN FACILITY	Environmental Protection Agency	Environmental Protection Agency
23337-SNSGD-WALLO	VA7800020888	U.S. NASA GSFC WALLOPS FLIGHT FACILITY	National Aeronautics and Space Administration	National Aeronautics and Space Administraiton
23681-NSLNG-HUNSA	VA2800005033	NASA LANGLEY RESEARCH CENTER	National Aeronautics and Space Administration	National Aeronautics and Space Administraiton
32899-SNSKN-NATIO	N/A	U.S. NASA JOHN F. KENNEDY SPACE CENTER	National Aeronautics and Space Administration	National Aeronautics and Space Administraiton
39529-STNNS-BUILD	MS2800090001	NASA JOHN C. STENNIS SPACE CENTER	National Aeronautics and Space Administration	National Aeronautics and Space Administraiton
70129-NSMCH-13800	LA4800014587	U.S. NASA MICHOUD ASSEMBLY FACILITY	National Aeronautics and Space Administration	National Aeronautics and Space Administraiton

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name	Federal Agency	Federal Subagency
88004-NSJHN-14MIL	NM8800019434	NASA JOHNSON SPACE CENTER WHITE SANDS TEST FACILIT	National Aeronautics and Space Administration	National Aeronautics and Space Administraiton
91109-NSJTP-4800O	CA9800013030	NASA JET PROPULSION LABORATORY	National Aeronautics and Space Administration	National Aeronautics and Space Administraiton
21235-SHHSS-6201S	MD7750420013	U.S. HHS SOCIAL SECURITY ADMINISTRATION NCC UTILITY BLDG.	Social Security Administraiton	Social Security Administration
35660-TVNTN-TVAMU	AL2640090005	U.S. TVA MUSCLE SHOALS	Tennessee Valley Authority	Tennessee Valley Authority

Exhibit C-3
Confirmed NON Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name
00764-CRBGP-STRD6	PRD090531104	CARIBE GE INTERNATIONAL OF PUERTO RICO INC
00920-TXCDP-RD28P	PRD980594683	CHEVRON PUERTO RICO LLC
01851-DLTPC-1400M	MAD056019979	IDEAL TAPE CO
02148-STRLN-184CO	MAD001031632	STERLING-CLARK-LURTON CORP
06002-KMNRS-BLUEH	CTD001155225	KAMAN AEROSPACE CORP HELICOPTERS DIV
07080-VNGRD-239ST	NJD990753493	VANGUARD RESEARCH INDUSTRIES INC.
12118-CSCDS-51SMA	N/A	CASCADES TISSUE GROUP NY INC
13790-GNRLL-600MA	NYD002235182	BAE SYSTEMS CONTROLS INC
13838-MPHNL-4060D	NYD981133184	AMPHENOL CORP
14692-BSCHL-1400N	NYD002207751	BAUSCH & LOMB INC
15025-SSCLR-400ST	PAD004498010	USS - CLAIRTON WORKS
16148-DVNCD-ONELL	PAD981739204	CCL CONTAINER AEROSOL DIV
21152-MNSFT-38LOV	N/A	TELEDYNE ENERGY SYSTEMS
26541-CRSCB-GOSHE	N/A	CORESCO INC BOOTHS CREEK FACILITY
26541-CRSCN-RTE10	WVD988789947	MAIDSVILLE COMPLEX
26726-LLGNY-WESTV	WV0170023691	ATK TACTICAL PROP & CONTROLS-ALLEGANY BALLISTICS L
29802-SDSVN-SCHWY	N/A	U.S. DOE SAVANNAH RIVER OPS
31015-DRXLC-HIGHW	GAD000823112	DREXEL CHEMICAL CO
32810-DDSNS-7631O	FLR000029868	SCHUFF STEEL - ATLANTIC INC.
33299-MMNTR-NW20T	N/A	MIA JET-A FUELING FACILITY
35805-VXLCT-4807B	ALD041903139	BENCHMARK ELECTRONICS HUNTSVILLE INC
36603-BNDRS-265SW	ALD983185828	BENDER SHIPBUILDING & REPAIR CO INC
37091-WLKRD-1125H	TND987774155	WALKER DIE CASTING INC.
37327-TCMSH-325IN	TND982174203	TECUMSEH POWER CO
38778-PRTNP-1042M	MSR000103291	PROTEIN PRODUCTS INC.
39347-DMNDS-100CH	MSR000005025	ODOM INDUSTRIES INC.
39652-CRFTM-HWY51	MSD981759236	CROFT, L.L.C.

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name
44260-MCHLN-3380G	N/A	MICHELIN NORTH AMERICA MOGADO RE TECHNICAL CENTER
44305-RPBLC-60SOU	OHD057252660	HARWICK STANDARD DISTRIBUTION CORP
46036-PNTSS-SR37S	IND161058508	PLASTECH DECORATING SYSTEMS
46394-MCCHM-2357S	IND980684252	INEOS OLIGOMERS
46540-JYCNC-58075	IND984891812	JAYCO INC.
46711-CTSCR-565HI	IND005460548	CTS AUTOMOTIVE PRODUCTS
48042-NYLKC-1526H	MID985666866	NYLOK CORP / PRECOTE USA INC
48441-THNTR-30BUE	MIR000009084	DOW AGROSCIENCES
49441-DLSCC-1806B	MID072593254	GREAT LAKES DIE CAST
53035-GNRLT-1025I	WID062063748	GENERAL THERMODYNAMICS
53066-FBRSN-WEST2	N/A	FIBERESIN INDUSTRIES INC
61032-MCRSW-323ES	ILD980997118	HONEYWELL INTERNATIONAL INC - PLANT 1
61354-MRCNN-WESTM	ILD005072517	AMERICAN NICKELOID CO
62220-KTTLR-264LD	N/A	KETTLER CASTING CO INC.
64012-CNTRY-591EA	N/A	CENTURY CONCRETE INC BELTON FACILITY
64063-CNTRY-2400N	N/A	CENTURY CONCRETE INC LEES SUMMIT FACILITY
64133-FRDYC-5810E	N/A	FORDYCE CONCRETE CO INC 63RD ST FACILITY
64145-CNTRY-13716	N/A	CENTURY CONCRETE INC MARTIN CITY FACILITY
64153-CNTRY-7900N	N/A	CENTURY CONCRETE INC TIFFANY SPRINGS FACILITY
64161-FRDYC-3700N	N/A	CENTURY CONCRETE INC RANDOLPH FACILITY
64701-CNTRY-191E2	MOR000501809	CENTURY CONCRETE INC HARRISONVILLE FACILITY
66044-TRWNC-2400P	KSD073052847	SCHLUMBERGER TECHNOLOGY CORP - LAWRENCE PRODUCT CE
66061-CNTRY-1340W	N/A	CENTURY CONCRETE INC OLATHE FACILITY
66111-CNTRY-8901W	N/A	CENTURY CONCRETE INC EDWARDSVILLE FACILITY
66118-FRDYC-211CE	N/A	FORDYCE CONCRETE CO INC CENTRAL AVENUE FACILITY
67214-TRMCN-1020E	KSD044618916	TRAMCO INC
67337-FRMLN-NORTH	KSD007138605	COFFEYVILLE RESOURCES REFINING & MARKETING
70301-GBRTL-1201S	LAD981901416	GAUBERT OIL CO INC

Exhibit C-3 (continued)

Confirmed Federal and Government Owned Contractor Operated (GOCO) Facilities

TRIFID	RCRA NR A	Facility Name
70765-GRGGL-HIGHW	LAD057117434	GEORGIA GULF CHEMICALS & VINYL S LLC
73013-RRNC -403SW	N/A	AURRA INDUSTRIES INC
73135-NTPRT-4600S	OKD081398612	UNIT PARTS CO
74801-CNTRL-HWY17	OKD987071859	GEORG FISCHER CENTRAL PLASTICS LLC
75211-SNVLW-9314W	TX6170022770	VOUGHT AIRCRAFT INDUSTRIES INC
77205-GDNVT-2050F	N/A	ALLIED AVIATION FUELING CO OF HOUSTON INC.
77640-CHVRN-2001S	TXR000004390	CHEVRON PHILLIPS CHEMICAL CO
79066-HCHST-FIVEM	TXD007376700	CELANESE LTD
79912-BRDRS-VINTO	TXD007398175	ARCELORMITTAL VINTON INC
92374-TLDYN-840WE	CAD008386641	TELEDYNE BATTERY PRODUCTS