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**TRI On-site and Off-site Disposal or Other Releases, 2010**

|   | Number               |              |
|---|----------------------|--------------|
| Total Facilities  | 20,904               |              |
| Total Forms   | 79,394               |              |
| Form Rs   | 70,327               |              |
| Form As   | 9,067                |              |
|   | Pounds               | Percent      |
| <b>On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills</b>  | <b>551,919,218</b>   | <b>14.0</b>  |
| Class I Wells   | 201,233,509          | 5.1          |
| RCRA Subtitle C Landfills   | 67,374,365           | 1.7          |
| Other On-site Landfills   | 283,311,344          | 7.2          |
| <b>Other On-site Disposal or Other Releases</b>   | <b>2,967,626,219</b> | <b>75.5</b>  |
| Total Air   | 859,978,986          | 21.9         |
| Fugitive Air Emissions  | 145,781,584          | 3.7          |
| Point Source Air Emissions  | 714,197,402          | 18.2         |
| Surface Water Discharges  | 226,211,515          | 5.8          |
| Class II-V Wells  | 27,570,334           | 0.7          |
| Land Treatment  | 15,047,377           | 0.4          |
| RCRA Subtitle C Surface Impoundments  | 2,642,804            | 0.1          |
| Other Surface Impoundments  | 831,572,878          | 21.2         |
| Other Land Disposal   | 1,004,602,325        | 25.6         |
| <b>Total On-site Disposal or Other Releases</b>   | <b>3,519,545,438</b> | <b>89.6</b>  |
| <b>Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills</b> | <b>260,282,616</b>   | <b>6.6</b>   |
| Class I Wells   | 6,871,087            | 0.2          |
| RCRA Subtitle C Landfills   | 37,481,580           | 1.0          |
| Other Landfills   | 215,929,949          | 5.5          |
| <b>Other Off-site Disposal or Other Releases</b>  | <b>149,498,476</b>   | <b>3.8</b>   |
| Storage Only  | 8,109,087            | 0.2          |
| Solidification/Stabilization (Metals and Metal Category Compounds Only)   | 52,671,422           | 1.3          |
| Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds O                                   | 2,847,561            | 0.1          |
| Transfers to POTWs (Metals and Metal Category Compounds Only)   | 836,053              | 0.0          |
| Class II-V Wells  | 113,253              | 0.0          |
| RCRA Subtitle C Surface Impoundments  | 344,325              | 0.0          |
| Other Surface Impoundments  | 4,039,941            | 0.1          |
| Land Treatment  | 9,306,050            | 0.2          |
| Other Land Disposal   | 37,616,446           | 1.0          |
| Other Off-site Management   | 10,847,723           | 0.3          |
| Transfers to Waste Broker for Disposal  | 17,367,785           | 0.4          |
| Unknown   | 5,398,831            | 0.1          |
| <b>Total Off-site Disposal or Other Releases</b>  | <b>409,781,092</b>   | <b>10.4</b>  |
| <b>Total On-site and Off-site Disposal or Other Releases</b>  | <b>3,929,326,530</b> | <b>100.0</b> |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals.

Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Impoundments (5.5.3B) and Other Land Disposal (5.5.4).

Off-site Disposal or Other Releases include from Section 6.2 Underground Injection Class I Wells (M81), Underground Injection Class II-V Wells (M82), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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**TRI On-site and Off-site Disposal or Other Releases, 2009-2010**

|   | 2009                 | 2010                 | Change 2009-2010   |                |
|---|----------------------|----------------------|--------------------|----------------|
|   | Number               | Number               | Number             | Percent        |
| Total Facilities  | 21,302               | 20,904               | -398               | -2             |
| Total Forms   | 79,879               | 79,394               | -485               | -1             |
| Form Rs   | 70,813               | 70,327               | -486               | -1             |
| Form As   | 9,066                | 9,067                | 1                  | 0              |
| <b>On-site Disposal or Other Releases</b>   | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>      | <b>Percent</b> |
| <b>On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills</b>  | <b>518,524,958</b>   | <b>551,919,218</b>   | <b>33,394,260</b>  | <b>6</b>       |
| Class I Wells   | 154,308,211          | 201,233,509          | 46,925,299         | 30             |
| RCRA Subtitle C Landfills   | 83,864,445           | 67,374,365           | -16,490,080        | -20            |
| Other On-site Landfills   | 280,352,303          | 283,311,344          | 2,959,041          | 1              |
| <b>Other On-site Disposal or Other Releases</b>   | <b>2,513,713,812</b> | <b>2,967,626,219</b> | <b>453,912,407</b> | <b>18</b>      |
| Total Air   | 918,320,908          | 859,978,986          | -58,341,922        | -6             |
| Fugitive Air Emissions  | 140,132,448          | 145,781,584          | 5,649,136          | 4              |
| Point Source Air Emissions  | 778,188,460          | 714,197,402          | -63,991,057        | -8             |
| Surface Water Discharges  | 206,790,739          | 226,211,515          | 19,420,776         | 9              |
| Class II-V Wells  | 26,303,435           | 27,570,334           | 1,266,900          | 5              |
| Land Treatment  | 17,045,857           | 15,047,377           | -1,998,479         | -12            |
| RCRA Subtitle C Surface Impoundments  | 1,985,460            | 2,642,804            | 657,344            | 33             |
| Other Surface Impoundments  | 743,410,146          | 831,572,878          | 88,162,732         | 12             |
| Other Land Disposal   | 599,857,269          | 1,004,602,325        | 404,745,057        | 67             |
| <b>Total On-site Disposal or Other Releases</b>   | <b>3,032,238,771</b> | <b>3,519,545,438</b> | <b>487,306,667</b> | <b>16</b>      |
| <b>Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills</b> | <b>231,274,134</b>   | <b>260,282,616</b>   | <b>29,008,482</b>  | <b>13</b>      |
| Class I Wells   | 6,931,950            | 6,871,087            | -60,862            | -1             |
| RCRA Subtitle C Landfills   | 33,837,882           | 37,481,580           | 3,643,698          | 11             |
| Other Landfills   | 190,504,302          | 215,929,949          | 25,425,647         | 13             |
| <b>Other Off-site Disposal or Other Releases</b>  | <b>125,974,755</b>   | <b>149,498,476</b>   | <b>23,523,721</b>  | <b>19</b>      |
| Storage Only  | 7,994,717            | 8,109,087            | 114,370            | 1              |
| Solidification/Stabilization (Metals and Metal Category Compounds Only)   | 37,549,499           | 52,671,422           | 15,121,924         | 40             |
| Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)                               | 1,579,777            | 2,847,561            | 1,267,785          | 80             |
| Transfers to POTWs (Metals and Metal Category Compounds Only)   | 3,173,039            | 836,053              | -2,336,986         | -74            |
| Class II-V Wells  | 303,448              | 113,253              | -190,196           | -63            |
| RCRA Subtitle C Surface Impoundments  | 207,143              | 344,325              | 137,181            | 66             |
| Other Surface Impoundments  | 4,300,111            | 4,039,941            | -260,170           | -6             |
| Land Treatment  | 7,826,069            | 9,306,050            | 1,479,981          | 19             |
| Other Land Disposal   | 33,122,250           | 37,616,446           | 4,494,196          | 14             |
| Other Off-site Management   | 8,749,177            | 10,847,723           | 2,098,547          | 24             |
| Transfers to Waste Broker for Disposal  | 16,612,689           | 17,367,785           | 755,096            | 5              |
| Unknown   | 4,556,837            | 5,398,831            | 841,994            | 18             |
| <b>Total Off-site Disposal or Other Releases</b>  | <b>357,248,889</b>   | <b>409,781,092</b>   | <b>52,532,203</b>  | <b>15</b>      |
| <b>Total On-site and Off-site Disposal or Other Releases</b>  | <b>3,389,487,659</b> | <b>3,929,326,530</b> | <b>539,838,870</b> | <b>16</b>      |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3, 5.5.3A and 5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M82, M81 and M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M67, M66 and M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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**Total TRI On-site and Off-site Disposal or Other Releases, 2009-2010: Facilities Compared by Amount reported in 2009\***

| Amount of Total Disposal or Other Releases in 2009          | Facilities* |                  | 2009          |  | 2010          |  | Change 2009-2010 |         |
|---|-------------|------------------|---------------|--|---------------|--|------------------|---------|
|   | Number      | Percent of Total | Pounds        |  | Pounds        |  | Pounds           | Percent |
| Zero total disposal or other releases in both 2009 and 2010 | 3,524       | 18               | 0             |  | 0             |  | 0                | --      |
| >0 and <10,000 pounds in 2009                               | 10,782      | 55               | 17,827,764    |  | 36,124,590    |  | 36,124,590       | 203     |
| >=10,000 and <100,000 pounds in 2009                        | 3,393       | 17               | 113,322,023   |  | 134,479,386   |  | 21,157,363       | 19      |
| Less than 100,000 pounds in 2009                            | 17,699      | 90               | 131,149,787   |  | 170,603,976   |  | 39,454,188       | 30      |
| >=100,000 pounds in 2009                                    | 2,003       | 10               | 2,555,614,095 |  | 2,627,582,709 |  | 71,968,614       | 3       |
| Subtotal**  | 19,702      | 99.98            | 2,686,763,882 |  | 2,798,186,685 |  | 111,422,802      | 4       |
| Change <>100,000,000 pounds from 2009-2010                  | 3           | 0.02             | 705,928,609   |  | 1,154,698,353 |  | 448,769,744      | 64      |
| Total for Facilities Reporting in both 2009 and 2010        | 19,705      | 100              | 3,392,692,492 |  | 3,952,885,038 |  | 560,192,546      | 17      |

\* Includes only facilities reporting in both 2009 and 2010. Facilities grouped into size categories according to total disposal or other releases reported for 2009 and then compared to amount reported for 2010. Amounts for 2009 and 2010 are for same group of facilities.

\*\* Subtotal does not include 3 facilities that reported change from 2009-2010 of more than 100,000,000 pounds.

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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**TRI On-site and Off-site Disposal or Other Releases, 2001-2010**

|   | 2001<br>Number       | 2002<br>Number       | 2003<br>Number       | 2004<br>Number       | 2005<br>Number       | 2006<br>Number       | 2007<br>Number       | 2008<br>Number       | 2009<br>Number       | 2010<br>Number       | Change 2001-2010      |                |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|
|   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | Number                | Percent        |
| Total Facilities  | 25,901               | 25,248               | 24,710               | 24,494               | 24,308               | 23,802               | 23,173               | 22,483               | 21,302               | 20,904               | -4,997                | -19            |
| Total Forms   | 96,760               | 94,345               | 92,561               | 92,111               | 91,830               | 90,554               | 88,322               | 85,813               | 79,879               | 79,394               | -17,366               | -18            |
| Form Rs   | 84,146               | 82,301               | 80,934               | 80,924               | 80,747               | 77,919               | 76,230               | 76,025               | 70,813               | 70,327               | -13,819               | -16            |
| Form As   | 12,614               | 12,044               | 11,627               | 11,187               | 11,083               | 12,635               | 12,092               | 9,788                | 9,066                | 9,067                | -3,547                | -28            |
| <b>On-site Disposal or Other Releases</b>                               | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>        | <b>Pounds</b>         | <b>Percent</b> |
| Total Air Emissions   | 1,630,789,528        | 1,614,971,594        | 1,586,650,408        | 1,540,046,956        | 1,519,151,545        | 1,416,098,350        | 1,332,103,915        | 1,151,544,817        | 918,320,908          | 859,978,986          | -770,810,542          | -47            |
| Fugitive Air  | 211,925,382          | 200,454,979          | 199,136,877          | 197,093,669          | 194,406,193          | 184,493,047          | 176,077,256          | 167,534,098          | 140,132,448          | 145,781,584          | -66,143,798           | -31            |
| Stack Air   | 1,418,864,146        | 1,414,516,615        | 1,387,513,531        | 1,342,953,287        | 1,324,745,352        | 1,231,605,303        | 1,156,026,659        | 984,010,719          | 778,188,460          | 714,197,402          | -704,666,744          | -50            |
| Surface Water Discharges  | 243,227,600          | 243,354,219          | 230,830,519          | 253,284,810          | 257,747,712          | 253,008,491          | 241,764,491          | 249,884,840          | 206,790,739          | 226,211,515          | -17,016,086           | -7             |
| Underground Injection   | 215,649,594          | 227,038,336          | 229,183,906          | 238,165,383          | 235,775,608          | 224,124,211          | 210,255,875          | 192,279,439          | 180,611,645          | 228,803,844          | 13,154,250            | 6              |
| Underground Injection Class I   | 193,645,890          | 206,515,351          | 207,215,071          | 210,449,916          | 215,600,149          | 204,040,833          | 188,750,219          | 174,084,045          | 154,308,211          | 201,233,509          | 7,587,620             | 4              |
| Class II-V Wells  | 22,003,705           | 20,522,985           | 21,968,835           | 27,715,467           | 20,175,459           | 20,083,378           | 21,505,656           | 18,195,394           | 26,303,435           | 27,570,334           | 5,566,630             | 25             |
| On-site Land  | 2,999,386,490        | 2,176,347,556        | 1,912,801,978        | 1,701,509,311        | 1,831,970,729        | 1,907,802,924        | 1,788,308,979        | 1,795,992,402        | 1,726,515,479        | 2,204,551,093        | -794,835,397          | -26            |
| RCRA Subtitle C Landfills   | 173,529,238          | 155,490,620          | 193,834,586          | 148,681,194          | 159,303,983          | 153,984,597          | 154,248,816          | 127,530,741          | 83,864,445           | 67,374,365           | -106,154,873          | -61            |
| Other On-site Landfills   | 311,002,955          | 267,183,810          | 267,968,780          | 269,274,079          | 269,773,684          | 264,845,655          | 270,356,307          | 282,211,568          | 280,352,303          | 283,311,344          | -27,691,611           | -9             |
| Land Treatment  | 17,213,415           | 24,275,256           | 18,133,834           | 21,498,389           | 23,702,193           | 27,052,885           | 22,069,609           | 24,752,077           | 17,045,857           | 15,047,377           | -2,166,038            | -13            |
| Surface Impoundments  | 973,831,687          | 771,594,855          | 822,562,932          | 719,611,904          | 782,289,163          | 823,616,906          | 769,290,892          | 739,839,323          | 745,395,606          | 834,215,682          | -139,616,005          | -14            |
| Other Land Disposal   | 1,523,809,195        | 957,803,015          | 610,301,846          | 542,443,745          | 596,901,706          | 638,302,880          | 572,343,355          | 621,658,693          | 599,857,269          | 1,004,602,325        | -519,206,869          | -34            |
| <b>Total On-site Disposal or Other Releases</b>                         | <b>5,089,053,213</b> | <b>4,261,711,705</b> | <b>3,959,466,811</b> | <b>3,733,006,460</b> | <b>3,844,645,594</b> | <b>3,801,033,977</b> | <b>3,572,433,259</b> | <b>3,389,701,498</b> | <b>3,032,238,771</b> | <b>3,519,545,438</b> | <b>-1,569,507,775</b> | <b>-31</b>     |
| <b>Off-site Disposal or Other Releases</b>                              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                       |                |
| Storage Only  | 5,933,124            | 9,118,074            | 5,899,198            | 7,938,861            | 5,555,600            | 6,548,940            | 5,165,777            | 7,931,879            | 7,994,717            | 8,109,087            | 2,175,963             | 37             |
| Solidification/Stabilization (Metals and Metal Category Compounds Only) | 64,264,672           | 96,528,574           | 78,271,080           | 62,546,689           | 59,098,390           | 91,778,037           | 88,379,665           | 47,601,314           | 37,549,499           | 52,671,422           | -11,593,250           | -18            |
| Wastewater Treatment-Metals and Metal Category Compounds Only           | 3,706,912            | 3,505,751            | 2,248,782            | 2,155,947            | 6,093,172            | 2,330,495            | 3,009,413            | 2,446,016            | 1,579,777            | 2,847,561            | -859,351              | -23            |
| Transfers to POTWs Metal and Metal Category Compounds                   | 1,955,734            | 1,652,273            | 1,608,721            | 1,388,095            | 1,597,214            | 1,641,212            | 1,760,997            | 1,054,209            | 3,173,039            | 836,053              | -1,119,681            | -57            |
| Underground Injection   | 15,432,007           | 8,592,674            | 6,696,886            | 10,966,752           | 11,489,762           | 11,869,543           | 11,914,964           | 9,506,894            | 7,235,398            | 6,984,340            | -8,447,667            | -55            |
| Landfill/Surface Impoundments   | 337,020,106          | 278,084,921          | 310,502,964          | 325,835,488          | 338,860,015          | 335,021,402          | 355,284,926          | 322,360,018          | 228,849,438          | 257,795,794          | -79,224,312           | -24            |
| Land Treatment  | 7,384,171            | 10,091,776           | 9,468,658            | 8,945,034            | 10,676,613           | 7,172,258            | 8,557,256            | 9,633,031            | 7,826,069            | 9,306,050            | 1,921,878             | 26             |
| Other Land Disposal   | 28,741,867           | 42,339,916           | 32,422,004           | 41,240,395           | 47,743,943           | 34,969,010           | 37,708,659           | 46,518,675           | 33,122,250           | 37,616,446           | 8,874,579             | 31             |
| Other Off-Site Management   | 16,078,412           | 15,140,472           | 14,563,725           | 14,189,561           | 16,544,412           | 16,101,138           | 19,166,781           | 11,580,234           | 8,749,177            | 10,847,723           | -5,230,688            | -33            |
| Waste Broker  | 12,068,380           | 12,948,731           | 15,686,539           | 17,525,744           | 16,291,669           | 14,372,257           | 12,315,929           | 20,524,875           | 16,612,689           | 17,367,785           | 5,299,405             | 44             |
| Unknown   | 3,842,603            | 5,953,856            | 4,876,505            | 5,589,017            | 5,683,927            | 6,391,226            | 6,572,382            | 6,472,294            | 4,556,837            | 5,398,831            | 1,556,228             | 40             |
| <b>Total Off-site Disposal or Other Releases</b>                        | <b>496,427,988</b>   | <b>483,957,019</b>   | <b>482,245,063</b>   | <b>498,321,582</b>   | <b>519,634,717</b>   | <b>528,195,518</b>   | <b>549,836,749</b>   | <b>485,629,438</b>   | <b>357,248,889</b>   | <b>409,781,092</b>   | <b>-86,646,896</b>    | <b>-17</b>     |
| <b>Total On- and Off-site Disposal or Other Releases</b>                | <b>5,585,481,201</b> | <b>4,745,668,724</b> | <b>4,441,711,874</b> | <b>4,231,328,042</b> | <b>4,364,280,311</b> | <b>4,329,229,495</b> | <b>4,122,270,008</b> | <b>3,875,330,936</b> | <b>3,389,487,659</b> | <b>3,929,326,530</b> | <b>-1,656,154,671</b> | <b>-30</b>     |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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**Total TRI On-site and Off-site Disposal or Other Releases, 2001-2010: Facilities Compared by Amount reported in 2001\***

| Amount of Total Disposal or Other Releases in 2001          | Facilities* |                  | 2001          | 2010          | Change 2001-2010 |         |
|---|-------------|------------------|---------------|---------------|------------------|---------|
|   | Number      | Percent of Total | Pounds        | Pounds        | Pounds           | Percent |
| Zero total disposal or other releases in both 2001 and 2010 | 1,787       | 12               | 0             | 0             | 0                | --      |
| >0 and <10,000 pounds in 2001                               | 7,559       | 50               | 13,607,606    | 63,878,584    | 50,270,978       | 369     |
| >=10,000 and <100,000 pounds in 2001                        | 3,547       | 23               | 129,283,031   | 145,108,438   | 15,825,408       | 12      |
| Less than 100,000 pounds in 2001                            | 12,893      | 85               | 142,890,637   | 208,987,022   | 66,096,386       | 46      |
| >=100,000 pounds in 2001                                    | 2,361       | 15               | 4,671,324,752 | 2,625,178,970 | -2,046,145,782   | -44     |
| Subtotal**  | 15,254      | 99.99            | 4,814,215,388 | 2,834,165,992 | -1,980,049,397   | -41     |
| Change <>100,000,000 pounds from 2001-2010                  | 2           | 0.01             | 432,012,874   | 985,522,893   | 553,510,019      | 128     |
| Total for Facilities Reporting in both 2001 and 2010        | 15,256      | 100              | 5,246,228,262 | 3,819,688,885 | -1,426,539,377   | -27     |

\* Includes only facilities reporting in both 2001 and 2010. Facilities grouped into size categories according to total disposal or other releases reported for 2001 and then compared to amount reported for 2010. Amounts for 2001 and 2010 are for same group of facilities.

\*\* Subtotal does not include 2 facilities that reported change from 2001-2010 of more than 100,000,000 pounds.

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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## TRI On-site and Off-site Disposal or Other Releases, 1998-2010

|   | 1998<br>Pounds       | 1999<br>Pounds       | 2000<br>Pounds       | 2001<br>Pounds       | 2002<br>Pounds       | 2003<br>Pounds       | 2004<br>Pounds       | 2005<br>Pounds       | 2006<br>Pounds       | 2007<br>Pounds       | 2008<br>Pounds       | 2009<br>Pounds       | 2010<br>Pounds       | Change 1998-2010<br>Pounds | Pounds     |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|------------|
| <b>On-site Disposal or Other Releases</b>                               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                            |            |
| Total Air Emissions   | 2,042,000,290        | 2,003,059,917        | 1,885,243,370        | 1,626,068,936        | 1,611,500,522        | 1,583,354,544        | 1,537,061,464        | 1,516,148,231        | 1,413,328,691        | 1,329,662,581        | 1,149,541,432        | 916,716,842          | 858,205,879          | -1,183,794,411             | -58        |
| Fugitive Air  | 286,186,789          | 260,640,921          | 238,642,035          | 211,259,717          | 199,797,484          | 198,608,696          | 196,636,545          | 193,975,432          | 184,078,751          | 175,628,072          | 167,174,101          | 139,844,570          | 145,361,272          | -140,825,517               | -49        |
| Stack Air   | 1,755,813,501        | 1,742,418,996        | 1,646,601,334        | 1,414,809,219        | 1,411,703,038        | 1,384,745,848        | 1,340,424,919        | 1,322,172,799        | 1,229,249,940        | 1,154,034,509        | 982,367,331          | 776,872,072          | 712,844,607          | -1,042,968,894             | -59        |
| Surface Water Discharges  | 255,879,535          | 270,481,876          | 269,181,780          | 242,422,606          | 242,638,870          | 229,852,055          | 252,483,922          | 257,169,746          | 252,467,195          | 241,133,611          | 248,504,262          | 206,135,137          | 225,660,698          | -30,218,837                | -12        |
| Underground Injection   | 258,022,342          | 250,244,399          | 269,823,166          | 208,495,360          | 218,753,966          | 220,490,037          | 228,011,930          | 228,693,793          | 215,950,349          | 201,472,327          | 184,630,121          | 169,762,962          | 217,767,414          | -40,254,928                | -16        |
| Underground Injection Class I   | 231,959,661          | 222,789,096          | 239,885,166          | 192,531,665          | 205,122,796          | 205,782,062          | 208,803,352          | 214,306,441          | 202,573,274          | 187,147,744          | 172,498,601          | 152,205,910          | 199,226,407          | -32,733,254                | -14        |
| Class II-V Wells  | 26,062,681           | 27,455,303           | 29,738,000           | 15,963,695           | 13,631,190           | 14,707,945           | 19,208,578           | 14,387,352           | 13,377,076           | 14,324,583           | 12,131,520           | 17,557,052           | 18,541,007           | -7,521,674                 | -29        |
| On-site Land  | 3,782,181,367        | 3,945,779,562        | 3,319,467,811        | 2,532,331,044        | 1,768,317,141        | 1,446,119,104        | 1,243,090,711        | 1,349,125,198        | 1,399,976,087        | 1,282,290,932        | 1,298,379,908        | 1,315,833,904        | 1,581,727,811        | -2,200,453,556             | -58        |
| RCRA Subtitle C Landfills   | 190,672,832          | 185,788,029          | 229,655,015          | 149,317,122          | 136,361,371          | 144,402,809          | 123,546,981          | 140,999,081          | 135,906,213          | 136,708,049          | 109,289,835          | 64,771,513           | 51,590,878           | -139,081,954               | -73        |
| Other On-site Landfills   | 261,168,838          | 242,472,155          | 275,500,899          | 274,022,288          | 229,949,457          | 219,790,364          | 230,024,314          | 231,877,521          | 235,429,893          | 241,328,992          | 252,620,937          | 256,399,842          | 254,718,474          | -6,450,364                 | -2         |
| Land Treatment  | 9,719,050            | 11,022,047           | 15,815,909           | 15,889,433           | 22,562,273           | 17,293,192           | 20,245,893           | 22,415,757           | 25,727,407           | 20,647,074           | 23,030,298           | 16,411,004           | 14,313,487           | 4,594,437                  | 47         |
| Surface Impoundments  | 1,289,182,706        | 1,133,430,002        | 962,779,797          | 800,778,067          | 631,228,041          | 665,543,816          | 579,845,911          | 622,477,428          | 646,440,110          | 593,994,447          | 588,904,368          | 606,264,112          | 657,264,971          | -631,917,735               | -49        |
| Other Land Disposal   | 2,031,437,941        | 2,373,067,330        | 1,835,666,191        | 1,292,324,133        | 748,215,999          | 399,088,925          | 289,427,613          | 331,355,411          | 356,472,464          | 289,612,369          | 324,534,469          | 371,987,434          | 603,840,001          | -1,427,587,940             | -70        |
| <b>Total On-site Disposal or Other Releases</b>                         | <b>6,338,083,534</b> | <b>6,469,565,754</b> | <b>5,743,516,126</b> | <b>4,609,317,947</b> | <b>3,841,210,519</b> | <b>3,479,815,741</b> | <b>3,260,648,027</b> | <b>3,351,136,968</b> | <b>3,281,722,322</b> | <b>3,054,559,451</b> | <b>2,881,055,724</b> | <b>2,608,448,645</b> | <b>2,883,361,802</b> | <b>-3,454,721,732</b>      | <b>-55</b> |
| <b>Off-site Disposal or Other Releases</b>                              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                            |            |
| Storage Only  | 7,979,119            | 6,929,231            | 8,789,475            | 5,266,238            | 8,070,277            | 5,044,965            | 7,153,418            | 4,663,797            | 5,812,559            | 4,266,422            | 7,289,439            | 7,337,246            | 7,507,987            | -471,132                   | -6         |
| Solidification/Stabilization (Metals and Metal Category Compounds Only) | 41,128,208           | 42,382,770           | 43,823,731           | 60,029,417           | 89,487,651           | 70,464,177           | 55,545,505           | 49,657,009           | 82,421,872           | 80,549,795           | 42,980,249           | 32,902,048           | 49,140,896           | 8,012,689                  | 19         |
| Wastewater Treatment-Metals and Metal Category Compounds Only           | 3,074,133            | 6,994,876            | 7,009,732            | 3,608,681            | 3,196,966            | 1,919,472            | 2,047,232            | 2,917,062            | 2,268,941            | 2,975,717            | 2,197,643            | 1,499,918            | 2,781,161            | -292,973                   | -10        |
| Transfers to POTWs Metal and Metal Category Compounds                   | 3,179,716            | 2,407,320            | 2,483,056            | 1,895,070            | 1,590,599            | 1,558,477            | 1,345,299            | 1,560,965            | 1,602,632            | 1,727,086            | 1,019,875            | 3,134,145            | 795,121              | -2,384,594                 | -75        |
| Underground Injection   | 8,275,951            | 23,281,482           | 20,321,953           | 15,389,953           | 8,469,959            | 6,637,022            | 10,892,655           | 11,393,046           | 11,826,042           | 11,867,194           | 9,455,809            | 7,175,556            | 6,960,398            | -1,315,553                 | -16        |
| Landfill/Surface Impoundments   | 268,614,897          | 273,072,112          | 295,750,889          | 307,618,103          | 254,833,950          | 289,259,888          | 305,574,794          | 319,102,504          | 316,353,992          | 329,275,922          | 302,711,974          | 212,415,766          | 237,767,854          | -30,847,044                | -11        |
| Land Treatment  | 2,214,999            | 3,641,639            | 5,536,789            | 7,187,855            | 9,376,077            | 9,059,728            | 8,482,471            | 10,303,135           | 8,214,405            | 9,122,325            | 7,423,695            | 6,937,029            | 6,722,030            | 6,722,030                  | 303        |
| Other Land Disposal   | 27,221,859           | 24,848,296           | 23,131,825           | 27,207,022           | 36,452,655           | 30,618,976           | 38,903,769           | 44,320,485           | 32,843,493           | 35,486,101           | 43,657,130           | 30,891,265           | 35,111,034           | 7,889,175                  | 29         |
| Other Off-Site Management   | 17,870,174           | 24,431,412           | 16,368,257           | 14,425,962           | 13,724,314           | 13,330,604           | 12,545,641           | 14,795,744           | 14,650,712           | 17,460,831           | 9,540,135            | 7,599,683            | 10,058,557           | -7,811,617                 | -44        |
| Waste Broker  | 14,453,649           | 13,024,301           | 14,773,446           | 9,973,745            | 11,036,645           | 13,817,535           | 15,348,281           | 13,908,533           | 12,265,332           | 11,040,239           | 19,125,970           | 14,900,975           | 15,683,390           | 1,229,741                  | 9          |
| Unknown   | 3,564,448            | 4,236,967            | 6,379,091            | 3,037,637            | 5,041,228            | 4,414,176            | 5,140,100            | 4,847,893            | 5,765,530            | 6,464,823            | 6,388,178            | 4,492,425            | 5,304,459            | 1,740,011                  | 49         |
| <b>Total Off-site Disposal or Other Releases</b>                        | <b>397,577,153</b>   | <b>425,250,407</b>   | <b>444,368,244</b>   | <b>455,639,682</b>   | <b>441,280,340</b>   | <b>446,125,019</b>   | <b>462,979,155</b>   | <b>477,470,173</b>   | <b>492,525,088</b>   | <b>509,328,534</b>   | <b>453,488,727</b>   | <b>329,772,722</b>   | <b>380,047,885</b>   | <b>-17,529,268</b>         | <b>-4</b>  |
| <b>Total On- and Off-site Disposal or Other Releases</b>                | <b>6,735,660,687</b> | <b>6,894,816,162</b> | <b>6,187,884,370</b> | <b>5,064,957,629</b> | <b>4,282,490,859</b> | <b>3,925,940,760</b> | <b>3,723,627,181</b> | <b>3,828,607,141</b> | <b>3,774,247,410</b> | <b>3,563,887,985</b> | <b>3,334,544,451</b> | <b>2,938,221,367</b> | <b>3,263,409,687</b> | <b>-3,472,251,000</b>      | <b>-52</b> |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI)* and *Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConsider.pdf](http://www.epa.gov/tri/triprogram/FactorsToConsider.pdf). Does not include PBT chemicals, vanadium and vanadium compounds.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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**TRI On-site and Off-site Disposal or Other Releases, 1988, 1998, 2008 and 2009-2010**

|   | 1988                 | 1998                 | 2008                 | 2009               | 2010               | Change 1988-2010      |              |
|---|----------------------|----------------------|----------------------|--------------------|--------------------|-----------------------|--------------|
|   | Number               | Number               | Number               | Number             | Number             | Number                | Percent      |
| Total Facilities  | 19,315               | 19,037               | 15,497               | 14,605             | 14,393             | -4,922                | -25.5        |
| Total Forms   | 55,956               | 55,894               | 46,564               | 43,280             | 43,187             | -12,769               | -22.8        |
| <b>On-site Disposal or Other Releases</b>   |                      |                      |                      |                    |                    |                       |              |
| Total Air Emissions   | 2,036,235,844        | 880,263,366          | 386,739,950          | 318,518,623        | 331,064,837        | -1,705,171,007        | -83.7        |
| Fugitive Air Emissions  | 637,263,533          | 196,987,484          | 115,986,985          | 98,383,877         | 102,126,339        | -535,137,194          | -84.0        |
| Point Source Air Emissions  | 1,398,972,311        | 683,275,881          | 270,752,965          | 220,134,746        | 228,938,498        | -1,170,033,813        | -83.6        |
| Surface Water Discharges  | 41,572,731           | 18,528,645           | 12,155,203           | 10,517,320         | 12,285,663         | -29,287,068           | -70.4        |
| Underground Injection   | 161,652,002          | 114,064,950          | 87,937,103           | 76,827,167         | 98,263,798         | -63,388,204           | -39.2        |
| On-site Land  | 378,956,569          | 329,400,609          | 174,048,597          | 144,276,776        | 173,435,967        | -205,520,602          | -54.2        |
| <b>Total On-site Disposal or Other Releases</b>                                   | <b>2,618,417,146</b> | <b>1,342,257,569</b> | <b>660,880,853</b>   | <b>550,139,886</b> | <b>615,050,265</b> | <b>-2,003,366,881</b> | <b>-76.5</b> |
| <b>Off-site Disposal or Other Releases</b>  |                      |                      |                      |                    |                    |                       |              |
| Storage Only  | 13,392,664           | 5,164,659            | 4,528,172            | 4,190,999          | 4,501,972          | -8,890,692            | -66.4        |
| Solidification/Stabilization (Metals and Metal Category Compounds Only)           | 25,747,286           | 122,411,600          | 54,689,126           | 33,513,077         | 49,458,024         | 23,710,738            | 92.1         |
| Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) | 3,986,292            | 3,046,671            | 3,609,934            | 3,047,762          | 4,479,971          | 493,679               | 12.4         |
| Transfers to POTWs (Metals and Metal Category Compounds Only)                     | 7,495,656            | 2,957,739            | 1,009,631            | 3,122,176          | 782,038            | -6,713,618            | -89.6        |
| Underground Injection   | 8,362,149            | 8,728,645            | 17,831,017           | 11,078,772         | 13,374,136         | 5,011,987             | 59.9         |
| Landfills/Surface Impoundments  | 242,973,056          | 209,044,233          | 292,247,221          | 173,583,360        | 184,709,939        | -58,263,117           | -24.0        |
| Land Treatment  | 2,218,481            | 514,928              | 1,551,495            | 2,365,312          | 2,873,223          | 654,742               | 29.5         |
| Other Land Disposal   | 9,156,695            | 12,986,892           | 8,831,723            | 6,537,823          | 6,023,372          | -3,133,323            | -34.2        |
| Other Off-site Management   | 62,534,834           | 8,490,269            | 4,554,166            | 4,164,595          | 5,156,322          | -57,378,512           | -91.8        |
| Transfers to Waste Broker for Disposal  | 44,828               | 11,900,628           | 8,882,590            | 5,839,159          | 7,172,852          | 7,128,024             | 15,900.8     |
| Unknown   | 8,985,214            | 3,053,509            | 3,832,456            | 2,672,338          | 3,303,915          | -5,681,299            | -63.2        |
| <b>Total Off-site Disposal or Other Releases</b>                                  | <b>384,897,155</b>   | <b>388,299,773</b>   | <b>401,567,532</b>   | <b>250,115,372</b> | <b>281,835,762</b> | <b>-103,061,392</b>   | <b>-26.8</b> |
| <b>Total On-site and Off-site Disposal or Other Releases</b>                      | <b>3,003,314,301</b> | <b>1,730,557,343</b> | <b>1,062,448,385</b> | <b>800,255,258</b> | <b>896,886,028</b> | <b>-2,106,428,273</b> | <b>-70.1</b> |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

On-site Disposal or Other Releases include Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Underground Injection (Section 5.4), Landfills (5.5.1), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71, M81, M82), Landfills/Surface Impoundments (M63, M64, M65, M66, M67, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include delisted chemicals, chemicals added in 1990, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, PBT chemicals, sulfuric acid, vanadium and vanadium compounds.

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010

| NAICS<br>Code Industry            |             | On-site Disposal or Other Releases   |  |                                      |                    |  |   |                                       |                               |                             |                        |                                   |   |                                  |                    |               |  |  | Total On-site<br>Disposal or Other<br>Releases<br>Pounds | Total Off-site<br>Disposal or<br>Other Releases<br>Pounds | Total On-site and<br>Off-site Disposal<br>or Other Releases<br>Pounds |
|-----------------------------------|-------------|--|--|--------------------------------------|--------------------|--|---|---------------------------------------|-------------------------------|-----------------------------|------------------------|-----------------------------------|---|----------------------------------|--------------------|---------------|--|--|--|---|---|
|                                   |             | On-site Disposal to Class I Underground Injection Wells, RCRA<br>Subtitle C Landfills, and Other Landfills |  |                                      |                    | Other On-site Disposal or Other Releases |   |                                       |                               |                             |                        |                                   |   |                                  |                    |               |  |  |  |   |   |
|                                   |             | Class I Wells<br>Pounds  | RCRA Subtitle<br>C Landfills<br>Pounds | Other On-site<br>Landfills<br>Pounds | Subtotal<br>Pounds | Fugitive Air<br>Emissions<br>Pounds      | Point Source<br>Air Emissions<br>Pounds | Surface Water<br>Discharges<br>Pounds | Class II-V<br>Wells<br>Pounds | Land<br>Treatment<br>Pounds | RCRA Subtitle C        |                                   | Other Surface<br>Impoundments<br>Pounds | Other Land<br>Disposal<br>Pounds | Subtotal<br>Pounds |               |  |  |  |   |   |
|                                   |             |  |  |                                      |                    |  |   |                                       |                               |                             | Impoundments<br>Pounds | Surface<br>Impoundments<br>Pounds |   |                                  |                    |               |  |  |  |   |   |
| 2121 Coal Mining                  | 0           | 0  | 5,043,623                              | 5,043,623                            | 597,226            | 50,281                                   | 645,807                                 | 28,612                                | 2,258,028                     | 0                           | 913,635                | 936,449                           | 5,430,036                               | 10,473,659                       | 9,507              | 10,483,166    |  |  |  |   |   |
| 2122 Metal Mining                 | 0           | 0  | 1,241,387                              | 1,241,387                            | 1,694,169          | 1,643,786                                | 1,861,654                               | 27,480,951                            | 3,041                         | 2,235,306                   | 659,312,224            | 924,772,347                       | 1,619,003,478                           | 1,620,244,865                    | 2,255,884          | 1,622,500,749 |  |  |  |   |   |
| 2211 Electric Utilities           | 2,921       | 0  | 181,250,795                            | 181,253,717                          | 1,195,083          | 311,750,386                              | 3,366,908                               | 4                                     | 1,828,760                     | 101,907                     | 113,541,865            | 9,684,884                         | 441,469,798                             | 622,723,514                      | 74,761,240         | 697,484,755   |  |  |  |   |   |
| 311/312 Food/Beverages/Tobacco    | 172,580     | 0  | 119,902                                | 292,482                              | 15,327,722         | 27,805,339                               | 79,389,735                              | 7,798                                 | 9,063,910                     | 160,607                     | 94,140                 | 1,271,217                         | 133,120,467                             | 133,412,949                      | 10,295,568         | 143,708,517   |  |  |  |   |   |
| 313/314 Textiles                  | 0           | 0  | 128                                    | 128                                  | 190,539            | 1,282,199                                | 463,095                                 | 0                                     | 95,373                        | 0                           | 121,349                | 2,402                             | 2,154,957                               | 2,155,085                        | 566,029            | 2,721,114     |  |  |  |   |   |
| 315 Apparel                       | 0           | 0  | 0                                      | 0                                    | 1,682              | 1,310                                    | 0                                       | 0                                     | 0                             | 0                           | 0                      | 0                                 | 2,992                                   | 2,992                            | 16,308             | 19,300        |  |  |  |   |   |
| 316 Leather                       | 538         | 0  | 0                                      | 538                                  | 39,738             | 198,409                                  | 5,861                                   | 0                                     | 0                             | 0                           | 0                      | 51,280                            | 295,288                                 | 295,826                          | 362,202            | 658,028       |  |  |  |   |   |
| 321 Wood Products                 | 0           | 438  | 183,103                                | 183,540                              | 1,311,041          | 6,359,454                                | 17,452                                  | 0                                     | 6,195                         | 0                           | 264                    | 6,706                             | 7,701,112                               | 7,884,653                        | 561,113            | 8,445,766     |  |  |  |   |   |
| 322 Paper                         | 0           | 26,220   | 15,444,710                             | 15,470,930                           | 29,655,529         | 103,943,204                              | 17,023,271                              | 0                                     | 1,054,780                     | 58,844                      | 3,361,646              | 167,398                           | 155,264,673                             | 170,735,603                      | 7,271,130          | 178,006,733   |  |  |  |   |   |
| 323/51 Printing and Publishing    | 0           | 0  | 0                                      | 0                                    | 5,667,344          | 4,565,365                                | 302                                     | 0                                     | 0                             | 0                           | 0                      | 0                                 | 10,233,010                              | 10,233,010                       | 210,313            | 10,443,323    |  |  |  |   |   |
| 324 Petroleum                     | 2,487,258   | 46   | 2,310                                  | 2,489,614                            | 10,416,998         | 25,573,370                               | 21,435,498                              | 13,424                                | 92,244                        | 46,993                      | 19,107                 | 67,424                            | 57,665,057                              | 60,154,671                       | 5,049,268          | 65,203,940    |  |  |  |   |   |
| 325 Chemicals                     | 185,258,852 | 466,594  | 29,992,517                             | 215,717,964                          | 45,688,629         | 115,941,576                              | 35,890,218                              | 12,582                                | 411,994                       | 28,174                      | 19,207,880             | 16,396,944                        | 233,577,997                             | 449,295,961                      | 52,474,843         | 501,770,803   |  |  |  |   |   |
| 326 Plastics and Rubber           | 0           | 1,746  | 3,585                                  | 5,331                                | 5,298,794          | 22,769,603                               | 149,473                                 | 0                                     | 493                           | 0                           | 21,157                 | 3,923                             | 28,243,443                              | 28,248,774                       | 7,080,220          | 35,328,994    |  |  |  |   |   |
| 327 Stone/Clay/Glass              | 1,930       | 325  | 211,325                                | 213,580                              | 830,816            | 15,459,420                               | 3,694,511                               | 0                                     | 262                           | 1                           | 35,240                 | 394,956                           | 20,415,207                              | 20,628,788                       | 2,851,515          | 23,480,302    |  |  |  |   |   |
| 32731 Cement                      | 0           | 1  | 1,161,229                              | 1,161,230                            | 53,759             | 3,935,952                                | 2,092                                   | 0                                     | 0                             | 0                           | 30                     | 5,284                             | 3,997,117                               | 5,158,347                        | 102,758            | 5,261,105     |  |  |  |   |   |
| 331 Primary Metals                | 911,848     | 2,349,580  | 38,336,479                             | 41,597,906                           | 5,950,196          | 28,544,148                               | 43,741,772                              | 5                                     | 124                           | 0                           | 30,228,981             | 40,848,053                        | 149,313,278                             | 190,911,184                      | 177,788,791        | 368,699,975   |  |  |  |   |   |
| 332 Fabricated Metals             | 0           | 14   | 4,260                                  | 4,274                                | 6,345,068          | 14,038,790                               | 1,648,542                               | 0                                     | 8,035                         | 0                           | 198                    | 67,756                            | 22,108,388                              | 22,112,662                       | 18,437,451         | 40,550,113    |  |  |  |   |   |
| 333 Machinery                     | 0           | 1  | 14,635                                 | 14,636                               | 1,245,217          | 1,508,985                                | 30,014                                  | 3                                     | 832                           | 0                           | 0                      | 16,991                            | 2,802,042                               | 2,816,672                        | 2,015,314          | 4,831,992     |  |  |  |   |   |
| 334 Computers/Electronic Products | 0           | 0  | 0                                      | 0                                    | 169,768            | 1,119,272                                | 1,747,306                               | 0                                     | 0                             | 0                           | 5                      | 403                               | 3,036,754                               | 3,036,754                        | 2,239,613          | 5,276,367     |  |  |  |   |   |
| 335 Electrical Equipment          | 0           | 0  | 26,462                                 | 26,462                               | 395,106            | 1,140,854                                | 3,854                                   | 0                                     | 0                             | 0                           | 3,111                  | 16,557                            | 1,559,482                               | 1,585,943                        | 4,035,318          | 5,621,262     |  |  |  |   |   |
| 336 Transportation Equipment      | 0           | 33,635   | 106,022                                | 139,657                              | 9,330,584          | 17,574,953                               | 65,645                                  | 0                                     | 0                             | 0                           | 1                      | 69,033                            | 27,040,217                              | 27,179,874                       | 7,244,977          | 34,424,851    |  |  |  |   |   |
| 337 Furniture                     | 0           | 0  | 0                                      | 0                                    | 604,902            | 3,563,006                                | 16                                      | 0                                     | 474                           | 0                           | 0                      | 0                                 | 4,168,398                               | 4,168,398                        | 68,033             | 4,236,431     |  |  |  |   |   |
| 339 Miscellaneous Manufacturing   | 0           | 0  | 0                                      | 0                                    | 508,999            | 2,588,220                                | 3,522                                   | 0                                     | 11                            | 0                           | 0                      | 1,500                             | 3,102,252                               | 3,102,252                        | 780,172            | 3,882,424     |  |  |  |   |   |
| 4246 Chemical Wholesalers         | 0           | 0  | 0                                      | 0                                    | 1,014,724          | 390,808                                  | 111                                     | 0                                     | 0                             | 0                           | 0                      | 41                                | 1,405,685                               | 1,405,685                        | 211,300            | 1,616,984     |  |  |  |   |   |
| 4247 Petroleum Bulk Terminals     | 0           | 0  | 0                                      | 0                                    | 1,300,073          | 993,408                                  | 6,626                                   | 0                                     | 295                           | 0                           | 1,005                  | 1,059                             | 2,302,466                               | 2,302,466                        | 77,162             | 2,379,628     |  |  |  |   |   |
| 562 Hazardous Waste Management    | 12,397,582  | 64,391,349   | 5,652,237                              | 82,441,168                           | 215,941            | 222,753                                  | 29,695                                  | 0                                     | 0                             | 7,110                       | 3,819,121              | 452,962                           | 4,747,582                               | 87,188,750                       | 31,138,936         | 118,327,686   |  |  |  |   |   |
| No TRI NAICS Code                 | 0           | 104,416  | 4,516,635                              | 4,621,051                            | 731,937            | 1,232,552                                | 14,988,535                              | 26,956                                | 222,526                       | 3,862                       | 891,917                | 9,366,757                         | 27,465,043                              | 32,086,094                       | 1,876,127          | 33,962,221    |  |  |  |   |   |
| Total                             | 201,233,509 | 67,374,365   | 283,311,344                            | 551,919,218                          | 145,781,584        | 714,197,402                              | 226,211,515                             | 27,570,334                            | 15,047,377                    | 2,642,804                   | 831,572,878            | 1,004,602,325                     | 2,967,626,219                           | 3,519,545,438                    | 409,781,092        | 3,929,326,530 |  |  |  |   |   |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: The 10 Industries with Largest Total On-site Disposal or Other Releases

| On-site Disposal or Other Releases  |                      |                                  |                                |                 |  |                                   |                                 |                         |                       |                             |                                   |                            |                 |               |             |               | Total On-site Disposal or Other Releases Pounds | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |
|---|----------------------|----------------------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|-----------------------------|-----------------------------------|----------------------------|-----------------|---------------|-------------|---------------|---|--|--|
| On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                      |                                  |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |                             |                                   |                            |                 |               |             |               |   |  |  |
| NAICS Code Industry   | Class I Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | RCRA Subtitle C                          |                                   |                                 |                         |                       |                             |                                   |                            |                 |               |             |               |   |  |  |
|   |                      |                                  |                                |                 | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |               |             |               |   |  |  |
| 2122 Metal Mining   | 0                    | 0                                | 1,241,387                      | 1,241,387       | 1,694,169                                | 1,643,786                         | 1,861,654                       | 27,480,951              | 3,041                 | 2,235,306                   | 659,312,224                       | 924,772,347                | 1,619,003,478   | 1,620,244,865 | 2,306,579   | 1,622,551,444 |   |  |  |
| 2211 Electric Utilities   | 2,921                | 0                                | 181,250,795                    | 181,253,717     | 1,195,083                                | 311,750,386                       | 3,366,908                       | 4                       | 1,828,760             | 101,907                     | 113,541,865                       | 9,684,884                  | 441,469,798     | 622,723,514   | 79,647,611  | 702,371,125   |   |  |  |
| 325 Chemicals   | 185,258,852          | 466,594                          | 29,992,517                     | 215,717,964     | 45,688,629                               | 115,941,576                       | 35,890,218                      | 12,582                  | 411,994               | 28,174                      | 19,207,880                        | 16,396,944                 | 233,577,997     | 449,295,961   | 63,367,960  | 512,663,921   |   |  |  |
| 331 Primary Metals  | 911,848              | 2,349,580                        | 38,336,479                     | 41,597,906      | 5,950,196                                | 28,544,148                        | 43,741,772                      | 5                       | 124                   | 0                           | 30,228,981                        | 40,848,053                 | 149,313,278     | 190,911,184   | 188,464,995 | 379,376,179   |   |  |  |
| 322 Paper   | 0                    | 26,220                           | 15,444,710                     | 15,470,930      | 29,655,529                               | 103,943,204                       | 17,023,271                      | 0                       | 1,054,780             | 58,844                      | 3,361,646                         | 167,398                    | 155,264,673     | 170,735,603   | 7,274,846   | 178,010,449   |   |  |  |
| 311/312 Food/Beverages/Tobacco  | 172,580              | 0                                | 119,902                        | 292,482         | 15,327,722                               | 27,805,339                        | 79,389,735                      | 7,798                   | 9,063,910             | 160,607                     | 94,140                            | 1,271,217                  | 133,120,467     | 133,412,949   | 10,300,857  | 143,713,806   |   |  |  |
| 562 Hazardous Waste Management  | 12,397,582           | 64,391,349                       | 5,652,237                      | 82,441,168      | 215,941                                  | 222,753                           | 29,695                          | 0                       | 0                     | 7,110                       | 3,819,121                         | 452,962                    | 4,747,582       | 87,188,750    | 34,117,240  | 121,305,989   |   |  |  |
| 324 Petroleum   | 2,487,258            | 46                               | 2,310                          | 2,489,614       | 10,416,998                               | 25,573,370                        | 21,435,498                      | 13,424                  | 92,244                | 46,993                      | 19,107                            | 67,424                     | 57,665,057      | 60,154,671    | 5,580,971   | 65,735,642    |   |  |  |
| 332 Fabricated Metals   | 0                    | 14                               | 4,260                          | 4,274           | 6,345,068                                | 14,038,790                        | 1,648,542                       | 0                       | 8,035                 | 0                           | 198                               | 67,756                     | 22,108,388      | 22,112,662    | 20,115,049  | 42,227,711    |   |  |  |
| 326 Plastics and Rubber   | 0                    | 1,746                            | 3,585                          | 5,331           | 5,298,794                                | 22,769,603                        | 149,473                         | 0                       | 493                   | 0                           | 21,157                            | 3,923                      | 28,243,443      | 28,248,774    | 7,177,393   | 35,426,167    |   |  |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: The 10 Industries with Largest Total Off-site Disposal or Other Releases

| NAICS<br>Code Industry         | Total On-site<br>Disposal or<br>Other<br>Releases<br>Pounds | Off-site Disposal or Other Releases   |   |                              |                    |                           |  |  |   |                               |  |   |                             |                                  |  |   |                    |  |   |             |  | Total Off-site<br>Disposal or<br>Other<br>Releases<br>Pounds | Total On-site<br>and Off-site<br>Disposal or<br>Other<br>Releases<br>Pounds |
|--------------------------------|---|---|---|------------------------------|--------------------|---------------------------|--|--|---|-------------------------------|--|---|-----------------------------|----------------------------------|--|---|--------------------|--|---|-------------|--|--|---|
|                                |   | Off-site Disposal to Class I Underground Injection<br>Wells, RCRA Subtitle C Landfills, and Other Landfills |   |                              |                    |                           | Other Off-site Disposal or Other Releases  |  |   |                               |  |   |                             |                                  |  |   |                    |  |   |             |  |  |   |
|                                |   | Class I<br>Wells<br>Pounds  | RCRA<br>Subtitle C<br>Landfills<br>Pounds | Other<br>Landfills<br>Pounds | Subtotal<br>Pounds | Storage<br>Only<br>Pounds | Solidification/<br>Stabilization/<br>Metal Category<br>Compounds<br>Only<br>Pounds | Wastewater<br>Treatment<br>(Excluding<br>POTWs) (Metals<br>and Metal<br>Category<br>Compounds<br>Only)<br>Pounds | Transfers to<br>POTWs<br>(Metals and<br>Metal<br>Category<br>Compounds<br>Only)<br>Pounds | Class II-V<br>Wells<br>Pounds | RCRA Subtitle C<br>Surface<br>Impoundments<br>Pounds | Other Surface<br>Impoundments<br>Pounds | Land<br>Treatment<br>Pounds | Other Land<br>Disposal<br>Pounds | Other Off-site<br>Management<br>Pounds | Transfers to<br>Waste<br>Broker for<br>Disposal |                    |  |   |             |  |  |   |
|                                |   |   |   |                              |                    |                           |  |  |   |                               |  |   |                             |                                  |  | Unknown<br>Pounds                               | Subtotal<br>Pounds | Total Off-site<br>Disposal or<br>Other<br>Releases<br>Pounds | Total On-site<br>and Off-site<br>Disposal or<br>Other<br>Releases<br>Pounds |             |  |  |   |
|                                |   |   |   |                              |                    |                           |  |  |   |                               |  |   |                             |                                  |  | Unknown<br>Pounds                               | Subtotal<br>Pounds |  |   |             |  |  |   |
| 331 Primary Metals             | 190,911,184   | 2,315,897   | 29,244,761                                | 115,697,878                  | 147,258,537        | 280,340                   | 35,915,164   | 369,586  | 116,939   | 881                           | 155,559  | 125,821                                 | 932,117                     | 1,725,185                        | 659,885                                | 583,033   | 371,948            | 41,206,458   | 188,464,995   | 379,176,179 |  |  |   |
| 2211 Electric Utilities        | 622,723,514   | 655   | 1,023,937                                 | 32,585,801                   | 33,610,393         | 3,254,332                 | 287,496  | 2,113  | 9,652   | 237                           | 3  | 2,387,228                               | 1,515,167                   | 26,980,657                       | 3,516,894                              | 7,935,750                                       | 147,688            | 46,037,217   | 79,647,611  | 702,371,125 |  |  |   |
| 325 Chemicals                  | 449,295,961   | 8,531,001   | 5,465,686                                 | 19,061,383                   | 33,058,070         | 3,236,292                 | 11,337,766   | 3,296,071  | 118,875   | 51,037                        | 163,596  | 43,253                                  | 1,275,773                   | 1,993,414                        | 3,492,662                              | 2,527,304                                       | 2,773,845          | 30,309,890   | 63,367,960  | 512,663,921 |  |  |   |
| 562 Hazardous Waste Management | 87,188,750  | 299,671   | 11,151,790                                | 18,986,133                   | 30,437,593         | 75,085                    | 1,510,199  | 59,605   | 1,384   | 0                             | 2,497  | 19,038                                  | 36                          | 0                                | 947,190                                | 794,019   | 270,595            | 3,679,646  | 34,117,240  | 121,305,989 |  |  |   |
| 332 Fabricated Metals          | 22,112,662  | 4,547,456   | 1,124,927                                 | 7,604,054                    | 13,276,437         | 112,603                   | 3,047,708  | 404,339  | 71,558  | 42,851                        | 14,236   | 65,848                                  | 224,511                     | 192,943                          | 580,124                                | 1,517,046                                       | 564,843            | 6,838,612  | 20,115,049  | 42,227,711  |  |  |   |
| 311/312 Food/Beverages/Tobacco | 133,412,949   | 0   | 7,088                                     | 1,961,515                    | 1,968,603          | 206,577                   | 200,166  | 4,362  | 19,494  | 0                             | 2,381  | 1,451                                   | 3,708,045                   | 3,815,533                        | 335,791                                | 36,072  | 1,783              | 8,332,254  | 10,300,857  | 143,713,806 |  |  |   |
| 336 Transportation Equipment   | 27,179,874  | 77,598  | 363,056                                   | 4,938,685                    | 5,379,339          | 13,715                    | 704,417  | 190,313  | 54,459  | 0                             | 1,137  | 54,840                                  | 91,859                      | 275,866                          | 184,679                                | 368,963   | 115,502            | 2,055,750  | 7,435,089   | 34,614,963  |  |  |   |
| 322 Paper                      | 170,735,603   | 0   | 16,273                                    | 4,927,456                    | 4,943,729          | 87,273                    | 5,709  | 91,906   | 138,075   | 0                             | 0  | 604,108                                 | 1,115,773                   | 81,781                           | 193,556                                | 7,672   | 5,264              | 2,331,117  | 7,274,846   | 178,010,449 |  |  |   |
| 326 Plastics and Rubber        | 28,248,774  | 297,320   | 166,562                                   | 4,378,220                    | 4,842,103          | 31,599                    | 110,935  | 2,411  | 17,242  | 0                             | 3  | 156,155                                 | 112,592                     | 652,013                          | 1,216,150                              | 36,191  | 2,335,290          | 7,177,393  | 35,426,167  | 65,735,642  |  |  |   |
| 324 Petroleum                  | 60,154,671  | 65,338  | 1,053,132                                 | 1,848,157                    | 2,966,627          | 11,723                    | 318,055  | 16,305   | 129,421   | 16,437                        | 14   | 17                                      | 23,346                      | 1,379,419                        | 130,199                                | 476,505   | 112,902            | 2,614,343  | 5,580,971   | 65,735,642  |  |  |   |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M84, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

## TRI On-site and Off-site Disposal or Other Releases, by State, 2010

|                          | On-site Disposal or Other Releases  |                           |                         |             |  |                            |                          |                  |                |                                      |                            |                     |               |  |   |   |
|--------------------------|---|---------------------------|-------------------------|-------------|--|----------------------------|--------------------------|------------------|----------------|--------------------------------------|----------------------------|---------------------|---------------|--|---|---|
|                          | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                           |                         |             | Other On-site Disposal or Other Releases |                            |                          |                  |                |                                      |                            |                     |               |  |   |   |
|                          | Class I Wells   | RCRA Subtitle C Landfills | Other On-site Landfills | Subtotal    | Fugitive Air Emissions                   | Point Source Air Emissions | Surface Water Discharges | Class II-V Wells | Land Treatment | RCRA Subtitle C Surface Impoundments | Other Surface Impoundments | Other Land Disposal | Subtotal      | Total On-site Disposal or Other Releases | Total Off-site Disposal or Other Releases | Total On-site and Off-site Disposal or Other Releases |
| State                    | Pounds  | Pounds                    | Pounds                  | Pounds      | Pounds                                   | Pounds                     | Pounds                   | Pounds           | Pounds         | Pounds                               | Pounds                     | Pounds              | Pounds        | Pounds                                   | Pounds                                    | Pounds  |
| Alabama                  | 0   | 4,365,836                 | 11,751,109              | 16,116,945  | 7,552,740                                | 25,842,339                 | 9,857,668                | 5,250            | 201,103        | 0                                    | 15,475,309                 | 556,842             | 59,491,251    | 75,608,196                               | 17,476,801                                | 93,084,997  |
| Alaska                   | 0   | 0                         | 232,152                 | 232,152     | 317,020                                  | 157,501                    | 190,257                  | 27,452,902       | 0              | 0                                    | 303,802,492                | 503,322,939         | 835,243,112   | 835,475,264                              | 267,052                                   | 835,742,316   |
| American Samoa           | 0   | 0                         | 0                       | 0           | 0  | 5                          | 0                        | 0                | 0              | 0                                    | 0                          | 0                   | 5             | 5  | 0   | 5   |
| Arizona                  | 0   | 0                         | 8,182,612               | 8,182,612   | 765,073                                  | 2,060,866                  | 1,619                    | 5                | 203,569        | 59,000                               | 10,404,534                 | 57,102,108          | 70,596,774    | 78,779,386                               | 1,094,910                                 | 79,874,297  |
| Arkansas                 | 1,241,444   | 18,708                    | 9,336,006               | 10,596,159  | 3,508,417                                | 12,123,522                 | 3,932,819                | 7,764            | 686,643        | 58,844                               | 1,854,701                  | 177,141             | 22,349,851    | 32,946,010                               | 3,848,947                                 | 36,794,957  |
| California               | 90,714  | 12,547,626                | 3,127,732               | 15,766,073  | 2,020,117                                | 7,058,362                  | 2,617,138                | 36,350           | 354,029        | 152                                  | 4,796                      | 3,614,368           | 15,705,315    | 31,471,388                               | 3,691,810                                 | 35,163,198  |
| Colorado                 | 0   | 2,317,614                 | 6,529,349               | 8,846,963   | 620,138                                  | 1,767,553                  | 720,881                  | 0                | 6,131          | 0                                    | 2,506,303                  | 4,179,945           | 9,800,951     | 18,647,914                               | 4,378,052                                 | 23,025,966  |
| Connecticut              | 0   | 0                         | 478                     | 478         | 361,850                                  | 926,258                    | 297,505                  | 0                | 0              | 0                                    | 0                          | 76,212              | 1,661,825     | 1,662,303                                | 1,053,919                                 | 2,716,223   |
| Delaware                 | 0   | 0                         | 154,167                 | 154,167     | 107,476                                  | 3,400,565                  | 600,283                  | 0                | 44,225         | 0                                    | 11,740                     | 615                 | 4,164,904     | 4,319,071                                | 4,518,798                                 | 8,837,869   |
| District of Columbia     | 0   | 0                         | 0                       | 0           | 1,169                                    | 56                         | 1,068                    | 0                | 0              | 0                                    | 19,607                     | 0                   | 21,901        | 21,901                                   | 2,664                                     | 24,565  |
| Florida                  | 32,329,657  | 0                         | 7,091,960               | 39,421,617  | 3,586,998                                | 29,319,543                 | 1,639,420                | 2,548            | 533,435        | 0                                    | 434,459                    | 395,160             | 35,911,563    | 75,333,180                               | 4,899,848                                 | 80,233,027  |
| Georgia                  | 0   | 55                        | 1,759,594               | 1,759,649   | 8,173,883                                | 37,276,778                 | 12,620,709               | 0                | 480,671        | 0                                    | 14,462,006                 | 980,329             | 73,994,376    | 75,754,025                               | 2,258,753                                 | 78,012,778  |
| Guam                     | 0   | 0                         | 1                       | 1           | 240,718                                  | 135,602                    | 107,546                  | 0                | 0              | 0                                    | 29                         | 3,070               | 486,967       | 486,967                                  | 223                                       | 487,190   |
| Hawaii                   | 0   | 0                         | 0                       | 0           | 251,914                                  | 1,487,335                  | 452,359                  | 2,603            | 0              | 0                                    | 0                          | 171,221             | 2,365,432     | 2,365,432                                | 130,173                                   | 2,495,605   |
| Idaho                    | 0   | 8,557,967                 | 118,248                 | 8,676,215   | 657,792                                  | 3,233,805                  | 2,502,016                | 0                | 2,083,570      | 2,176,306                            | 12,312,827                 | 34,091,786          | 57,058,102    | 65,734,317                               | 1,097,144                                 | 66,831,462  |
| Illinois                 | 0   | 55,975                    | 8,098,515               | 8,154,490   | 5,295,008                                | 23,809,122                 | 8,835,506                | 0                | 96,267         | 28,722                               | 11,161,684                 | 511,853             | 49,738,162    | 57,892,652                               | 43,903,360                                | 101,796,012   |
| Indiana                  | 697,762   | 118,367                   | 21,077,304              | 21,893,434  | 6,727,118                                | 40,370,621                 | 27,384,933               | 0                | 809,153        | 0                                    | 7,428,575                  | 2,960,120           | 85,680,520    | 107,573,954                              | 47,735,738                                | 155,309,692   |
| Iowa                     | 0   | 0                         | 6,800,768               | 6,800,768   | 2,926,456                                | 15,260,705                 | 6,212,757                | 0                | 967,271        | 0                                    | 861,325                    | 14,967              | 33,044,250    | 8,314,074                                | 41,358,325                                | 155,309,692   |
| Kansas                   | 1,270,160   | 0                         | 8,130,754               | 9,400,914   | 1,900,487                                | 7,282,651                  | 246,968                  | 500              | 42,794         | 0                                    | 169,877                    | 71,119              | 9,714,395     | 19,115,309                               | 2,907,915                                 | 22,023,224  |
| Kentucky                 | 1,931   | 0                         | 7,587,389               | 7,589,320   | 5,412,046                                | 51,870,725                 | 6,605,709                | 0                | 645,236        | 0                                    | 10,385,887                 | 703,445             | 75,623,049    | 83,212,369                               | 11,936,159                                | 95,148,528  |
| Louisiana                | 46,379,730  | 4,851,951                 | 11,324,615              | 62,556,296  | 12,104,093                               | 34,625,881                 | 10,903,184               | 0                | 3,735          | 114                                  | 5,780,540                  | 230,323             | 63,647,869    | 126,204,165                              | 9,320,894                                 | 135,525,059   |
| Maine                    | 0   | 8                         | 1,079,546               | 1,079,554   | 1,373,196                                | 2,867,733                  | 3,182,302                | 0                | 0              | 0                                    | 0                          | 14,446              | 7,437,677     | 8,517,231                                | 1,059,446                                 | 9,576,677   |
| Maryland                 | 0   | 0                         | 490,559                 | 490,559     | 366,797                                  | 5,571,429                  | 1,362,561                | 28,612           | 539,249        | 0                                    | 2,994                      | 32,523              | 7,904,164     | 8,394,723                                | 3,618,439                                 | 12,013,161  |
| Massachusetts            | 0   | 0                         | 5,060                   | 5,060       | 309,764                                  | 2,313,944                  | 6,957                    | 0                | 0              | 0                                    | 4,530                      | 18,098              | 2,653,293     | 2,658,353                                | 1,639,015                                 | 4,297,368   |
| Michigan                 | 442,694   | 2,433,619                 | 7,921,973               | 10,798,286  | 2,401,421                                | 25,635,516                 | 2,166,048                | 0                | 250            | 0                                    | 4,826,818                  | 1,042,460           | 36,072,513    | 46,870,799                               | 29,575,091                                | 76,445,890  |
| Minnesota                | 0   | 4,539                     | 3,319,027               | 3,323,566   | 2,018,689                                | 7,407,472                  | 1,455,401                | 0                | 34,890         | 0                                    | 4,913,737                  | 1,356,228           | 20,509,984    | 2,262,888                                | 22,772,871                                | 22,772,871  |
| Mississippi              | 16,533,288  | 0                         | 2,523,882               | 19,057,170  | 3,685,600                                | 16,107,872                 | 6,302,787                | 0                | 0              | 27,843                               | 11,708,645                 | 208,095             | 38,040,842    | 57,098,012                               | 4,975,550                                 | 62,073,562  |
| Missouri                 | 0   | 2,131,801                 | 4,174,894               | 6,306,695   | 4,532,247                                | 9,497,685                  | 2,043,474                | 0                | 14,582         | 0                                    | 44,714,849                 | 7,727,423           | 68,530,260    | 74,836,955                               | 1,816,580                                 | 76,653,535  |
| Montana                  | 0   | 29                        | 13,068,910              | 13,068,938  | 296,345                                  | 1,502,210                  | 237,165                  | 28,030           | 568            | 0                                    | 4,703,578                  | 17,001,186          | 23,769,082    | 36,838,021                               | 1,469,308                                 | 38,307,329  |
| Nebraska                 | 0   | 0                         | 7,668,052               | 7,668,052   | 641,036                                  | 5,095,849                  | 14,727,942               | 0                | 97,189         | 0                                    | 2,105                      | 411,603             | 20,975,725    | 28,643,777                               | 3,232,572                                 | 31,876,349  |
| Nevada                   | 0   | 3,521,955                 | 1,850,202               | 5,372,156   | 1,037,439                                | 472,509                    | 1,293,701                | 0                | 126            | 0                                    | 173,621,197                | 293,148,797         | 469,573,768   | 474,945,925                              | 1,927,538                                 | 476,873,463   |
| New Hampshire            | 0   | 0                         | 13,633                  | 13,633      | 43,862                                   | 3,047,462                  | 1,798                    | 0                | 0              | 0                                    | 0                          | 0                   | 3,093,122     | 3,106,755                                | 220,538                                   | 3,327,293   |
| New Jersey               | 0   | 91,765                    | 179,989                 | 271,754     | 923,914                                  | 3,148,803                  | 8,492,919                | 0                | 30,813         | 3,862                                | 19,465                     | 226,253             | 12,846,029    | 13,117,784                               | 2,923,778                                 | 16,041,562  |
| New Mexico               | 5,445   | 0                         | 5,257,391               | 5,262,836   | 403,907                                  | 645,920                    | 50,801                   | 0                | 1,681,173      | 0                                    | 1,027,476                  | 3,316,436           | 7,125,714     | 12,388,550                               | 101,904                                   | 12,490,454  |
| New York                 | 0   | 334,634                   | 926,294                 | 1,260,928   | 975,938                                  | 7,305,280                  | 5,777,340                | 0                | 31,292         | 0                                    | 601                        | 203,172             | 14,293,622    | 15,554,550                               | 7,297,187                                 | 22,851,737  |
| North Carolina           | 0   | 33,635                    | 8,311,704               | 8,345,339   | 3,859,392                                | 30,774,704                 | 9,168,645                | 0                | 326,275        | 5,300                                | 4,869,787                  | 2,493,837           | 51,497,941    | 59,843,280                               | 6,048,430                                 | 65,891,709  |
| North Dakota             | 0   | 0                         | 2,832,950               | 2,832,950   | 209,339                                  | 3,803,232                  | 91,044                   | 1,431            | 620,597        | 0                                    | 5,561,315                  | 531,405             | 10,818,362    | 13,651,311                               | 7,401,829                                 | 21,053,140  |
| Northern Mariana Islands | 0   | 0                         | 0                       | 0           | 965                                      | 3,403                      | 76                       | 0                | 0              | 0                                    | 1                          | 0                   | 4,445         | 4,445                                    | 1,124                                     | 5,569   |
| Ohio                     | 19,442,216  | 1,480,227                 | 16,242,133              | 37,164,575  | 6,256,138                                | 58,658,893                 | 9,192,337                | 0                | 538,442        | 96,603                               | 9,425,218                  | 256,231             | 84,423,862    | 121,588,437                              | 33,177,509                                | 154,765,946   |
| Oklahoma                 | 1,283,432   | 9,010,319                 | 1,547,980               | 11,841,731  | 3,177,134                                | 15,538,523                 | 3,779,744                | 0                | 9,144          | 5                                    | 562,629                    | 246,214             | 23,313,392    | 35,155,123                               | 1,507,058                                 | 36,662,182  |
| Oregon                   | 0   | 8,155,324                 | 759,986                 | 8,915,309   | 1,156,742                                | 5,252,598                  | 1,557,035                | 0                | 496,024        | 6,958                                | 3,221                      | 7,754               | 8,480,692     | 17,396,001                               | 645,212                                   | 18,041,213  |
| Pennsylvania             | 0   | 5                         | 6,717,730               | 6,717,735   | 3,882,124                                | 40,268,833                 | 10,121,165               | 0                | 263,992        | 5                                    | 3,840,360                  | 2,943,400           | 61,319,881    | 68,037,615                               | 48,408,738                                | 116,446,353   |
| Puerto Rico              | 0   | 0                         | 0                       | 0           | 289,215                                  | 4,095,009                  | 650                      | 0                | 0              | 0                                    | 0                          | 8,368               | 4,393,242     | 4,393,242                                | 897,542                                   | 5,290,785   |
| Rhode Island             | 0   | 0                         | 0                       | 0           | 64,898                                   | 131,669                    | 779                      | 0                | 0              | 0                                    | 0                          | 1,350               | 198,696       | 198,696                                  | 374,922                                   | 374,922   |
| South Carolina           | 0   | 324                       | 3,217,893               | 3,218,217   | 5,756,071                                | 26,226,868                 | 4,317,370                | 0                | 134,006        | 0                                    | 4,367,819                  | 434,564             | 41,236,699    | 44,454,915                               | 15,077,759                                | 59,532,675  |
| South Dakota             | 0   | 0                         | 1,434,986               | 1,434,986   | 536,742                                  | 762,482                    | 3,002,973                | 19               | 0              | 661                                  | 18,230                     | 11,125              | 4,332,232     | 5,767,218                                | 353,741                                   | 6,120,959   |
| Tennessee                | 0   | 25,167                    | 20,576,166              | 20,601,333  | 6,398,902                                | 26,378,092                 | 2,797,594                | 0                | 20,064         | 0                                    | 18,514,246                 | 833,681             | 54,942,578    | 75,543,912                               | 12,794,230                                | 88,338,142  |
| Texas                    | 74,369,235  | 2,909,591                 | 25,971,868              | 103,250,694 | 22,308,631                               | 39,542,473                 | 14,325,128               | 4,318            | 1,690,212      | 47,205                               | 5,337,379                  | 1,064,953           | 84,320,299    | 187,570,993                              | 18,284,912                                | 205,855,905   |
| Utah                     | 0   | 4,390,633                 | 11,595,850              | 15,986,483  | 1,361,436                                | 7,189,586                  | 102,145                  | 0                | 176,750        | 0                                    | 127,486,719                | 58,494,837          | 194,811,473   | 210,797,956                              | 1,157,498                                 | 211,955,455   |
| Vermont                  | 0   | 0                         | 3                       | 3           | 4,155                                    | 27,435                     | 122,487                  | 0                | 0              | 0                                    | 0                          | 11,115              | 165,192       | 165,192                                  | 112,609                                   | 277,804   |
| Virgin Islands           | 0   | 0                         | 0                       | 0           | 107,381                                  | 408,592                    | 189,219                  | 0                | 18,600         | 0                                    | 0                          | 334                 | 724,126       | 724,126                                  | 38,646                                    | 762,772   |
| Virginia                 | 0   | 0                         | 1,855,086               | 1,855,086   | 2,925,435                                | 23,625,566                 | 18,078,770               | 0                | 4,730          | 0                                    | 1,237,176                  | 514,625             | 46,386,301    | 48,241,387                               | 3,871,762                                 | 52,113,149  |
| Washington               | 0   | 11,267                    | 4,419,967               | 4,431,234   | 1,701,757                                | 6,550,330                  | 1,521,432                | 3                | 78,342         | 0                                    | 3,089,060                  | 1,088,630           | 14,029,554    | 18,460,788                               | 1,639,896                                 | 20,100,684  |
| West Virginia            | 0   | 5,415                     | 7,286,031               | 7,291,446   | 1,951,979                                | 22,358,811                 | 2,237,603                | 0                | 398,966        | 0                                    | 2,422,101                  | 179,526             | 29,548,986    | 36,840,432                               | 8,959,594                                 | 45,800,026  |
| Wisconsin                | 0   | 9                         | 838,910                 | 838,919     | 1,753,106                                | 12,509,521                 | 2,759,986                | 0                | 683,094        | 128,824                              | 16,140                     | 1,594,408           | 19,445,080    | 20,284,000                               | 16,874,227                                | 37,158,227  |
| Wyoming                  | 7,145,800   | 0                         | 9,919,937               | 17,065,737  | 539,372                                  | 1,460,940                  | 13,792                   | 0                | 174            | 0                                    | 2,198,789                  | 15,683              | 4,231,151     | 21,296,888                               | 1,395,483                                 | 22,692,371  |
| Total                    | 201,233,509   | 67,374,365                | 283,311,344             | 551,919,218 | 145,781,584                              | 714,197,402                | 226,211,515              | 27,570,334       | 15,047,377     | 2,642,804                            | 831,572,878                | 1,004,602,325       | 2,967,626,219 | 3,519,545,438                            | 409,781,092                               | 3,929,326,530   |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

The 20 Counties with  
Largest TRI On-site and  
Off-site Disposal or Other  
Releases, 2010

| County           |    | State |       | Total Facilities |            | Total Forms |            | Form As                   |           | On-site Disposal or Other Releases  |            |            |                        |  |                            |                          |             |                  |             |                |                                      |  | Total On-site Disposal or Other Releases |  |                     |  |          |
|------------------|----|-------|-------|------------------|------------|-------------|------------|---------------------------|-----------|---|------------|------------|------------------------|--|----------------------------|--------------------------|-------------|------------------|-------------|----------------|--------------------------------------|--|--|--|---------------------|--|----------|
|                  |    |       |       |                  |            |             |            |                           |           | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |            |            |                        | Other On-site Disposal or Other Releases |                            |                          |             |                  |             |                |                                      |  |  |  |                     |  |          |
|                  |    |       |       |                  |            |             |            |                           |           |   |            |            |                        |  |                            |                          |             |                  |             |                |                                      |  |  |  |                     |  |          |
|                  |    |       |       |                  |            |             |            |                           |           |   |            |            |                        |  |                            |                          |             |                  |             |                |                                      |  |  |  |                     |  |          |
|                  |    |       |       | Class I Wells    |            |             |            | RCRA Subtitle C Landfills |           | Other On-site Landfills   |            | Subtotal   | Fugitive Air Emissions |  | Point Source Air Emissions | Surface Water Discharges |             | Class II-V Wells |             | Land Treatment | RCRA Subtitle C Surface Impoundments |  | Other Surface Impoundments               |  | Other Land Disposal |  | Subtotal |
|                  |    |       |       | Pounds           |            |             |            | Pounds                    |           | Pounds  |            | Pounds     | Pounds                 |  | Pounds                     | Pounds                   |             | Pounds           |             | Pounds         | Pounds                               |  | Pounds                                   |  | Pounds              |  | Pounds   |
| Northwest Arctic | AK | 1     | 14    | 1                | 0          | 0           | 0          | 0                         | 0         | 229,100   | 811        | 8,430      | 0                      | 0  | 0                          | 301,960,916              | 475,196,396 | 777,395,653      | 777,395,653 |                |                                      |  |  |  |                     |  |          |
| Lander           | NV | 3     | 29    |                  | 0          | 0           | 1,411      | 1,411                     | 42,954    | 5,833   | 0          | 0          | 0                      | 0  | 82,796,330                 | 149,611,800              | 232,456,917 | 232,456,328      |             |                |                                      |  |  |  |                     |  |          |
| Salt Lake        | UT | 63    | 241   | 19               | 0          | 0           | 763,033    | 763,033                   | 162,203   | 477,419   | 101,641    | 0          | 3,033                  | 0  | 125,524,983                | 58,393,591               | 184,662,869 | 185,425,903      |             |                |                                      |  |  |  |                     |  |          |
| Humboldt         | NV | 10    | 59    |                  | 0          | 0           | 792,736    | 792,736                   | 47,358    | 319,276   | 173        | 0          | 0                      | 0  | 49,819,014                 | 121,445,529              | 171,631,349 | 172,424,085      |             |                |                                      |  |  |  |                     |  |          |
| Gila             | AZ | 6     | 45    | 1                | 0          | 0           | 0          | 0                         | 374,834   | 383,338   | 1,277      | 0          | 0                      | 0  | 213,566                    | 54,708,146               | 55,681,161  | 55,681,161       |             |                |                                      |  |  |  |                     |  |          |
| Juneau           | AK | 2     | 15    | 1                | 0          | 0           | 0          | 0                         | 681       | 20,276  | 175        | 27,452,902 | 0                      | 0  | 45,859                     | 19,759,779               | 47,279,673  | 47,279,673       |             |                |                                      |  |  |  |                     |  |          |
| Escambia         | FL | 12    | 105   | 9                | 32,288,956 | 0           | 963,092    | 33,252,048                | 167,221   | 2,029,280   | 160,170    | 0          | 0                      | 0  | 13,048                     | 6,635                    | 2,376,354   | 35,628,402       |             |                |                                      |  |  |  |                     |  |          |
| Elko             | NV | 6     | 56    |                  | 0          | 0           | 6,888      | 6,888                     | 548,758   | 17,144  | 1,293,522  | 0          | 0                      | 0  | 24,865,102                 | 7,709,837                | 34,434,363  | 34,441,251       |             |                |                                      |  |  |  |                     |  |          |
| Brazoria         | TX | 37    | 429   | 11               | 25,808,548 | 336,271     | 201,722    | 26,346,541                | 2,125,112 | 2,352,946   | 1,644,416  | 0          | 6                      | 0  | 1,225                      | 1                        | 6,123,707   | 32,470,248       |             |                |                                      |  |  |  |                     |  |          |
| Wayne            | MI | 107   | 662   | 47               | 0          | 2,408,178   | 0          | 2,408,178                 | 404,763   | 4,954,186   | 83,748     | 0          | 0                      | 0  | 0                          | 1,197                    | 5,443,894   | 7,852,072        |             |                |                                      |  |  |  |                     |  |          |
| Lake             | IN | 52    | 361   | 11               | 0          | 0           | 9,985,766  | 9,985,766                 | 537,250   | 4,176,760   | 2,311,114  | 0          | 0                      | 0  | 0                          | 1                        | 7,025,124   | 17,010,890       |             |                |                                      |  |  |  |                     |  |          |
| Spencer          | IN | 3     | 30    |                  | 0          | 0           | 2,880,743  | 2,880,743                 | 795       | 2,538,173   | 24,318,362 | 0          | 0                      | 0  | 11,110                     | 55                       | 26,868,494  | 29,749,237       |             |                |                                      |  |  |  |                     |  |          |
| Humphreys        | TN | 7     | 66    |                  | 0          | 19,014      | 14,765,388 | 14,784,402                | 847,784   | 6,391,646   | 513,779    | 0          | 0                      | 0  | 0                          | 1                        | 7,753,210   | 22,537,612       |             |                |                                      |  |  |  |                     |  |          |
| Harris           | TX | 350   | 2,235 | 226              | 7,089,276  | 157,931     | 0          | 7,247,207                 | 5,142,315 | 7,220,399   | 2,644,295  | 4,318      | 630                    | 0  | 216,875                    | 1,793                    | 15,230,624  | 22,477,831       |             |                |                                      |  |  |  |                     |  |          |
| Shoshone         | ID | 6     | 34    | 6                | 0          | 0           | 0          | 0                         | 19,133    | 163   | 76,010     | 0          | 0                      | 2,176,306                                | 8,818,079                  | 16,121,220               | 27,210,911  | 27,210,911       |             |                |                                      |  |  |  |                     |  |          |
| Eureka           | NV | 4     | 44    |                  | 0          | 0           | 104,195    | 104,195                   | 56,367    | 20,043  | 5          | 0          | 17                     | 0  | 15,460,105                 | 11,396,064               | 26,932,600  | 27,036,795       |             |                |                                      |  |  |  |                     |  |          |
| Calhoun          | TX | 5     | 95    |                  | 21,335,708 | 745         | 68         | 21,336,521                | 591,805   | 1,876,019   | 27,371     | 0          | 0                      | 0  | 177,461                    | 75                       | 2,672,731   | 24,009,252       |             |                |                                      |  |  |  |                     |  |          |
| Beaver           | PA | 40    | 224   | 10               | 0          | 0           | 0          | 0                         | 80,335    | 1,216,399   | 1,147,899  | 0          | 0                      | 0  | 0                          | 0                        | 2,444,633   | 2,444,633        |             |                |                                      |  |  |  |                     |  |          |
| Harrison         | MS | 14    | 62    | 7                | 16,533,288 | 0           | 913,357    | 17,446,645                | 49,359    | 3,816,125   | 4,334      | 0          | 0                      | 0  | 61,959                     | 0                        | 3,931,777   | 21,378,423       |             |                |                                      |  |  |  |                     |  |          |
| Reynolds         | MO | 5     | 13    |                  | 0          | 0           | 0          | 0                         | 30,038    | 4,794   | 16,277     | 0          | 0                      | 0  | 21,139,000                 | 0                        | 21,190,109  | 21,190,109       |             |                |                                      |  |  |  |                     |  |          |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConsiderPDF.pdf](http://www.epa.gov/tri/program/FactorsToConsiderPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with  
Largest TRI On-site and  
Off-site Disposal or Other  
Releases, 2010

| County           |    | State     |         | Off-site Disposal or Other Releases  |  |   |   |   |                                      |                            |                |                     |                           |  |         |          |           |            |             |  | Total On-site and Off-site Disposal or Other Releases Pounds |  |
|------------------|----|-----------|---------|--|--|---|---|---|--------------------------------------|----------------------------|----------------|---------------------|---------------------------|--|---------|----------|-----------|------------|-------------|--|--|--|
|                  |    |           |         | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |  |   |   | Other Off-site Disposal or Other Releases |                                      |                            |                |                     |                           |  |         |          |           |            |             |  |  | Total Off-site Disposal or Other Releases Pounds |
|                  |    |           |         |  |  |   |   |   |                                      |                            |                |                     |                           |  |         |          |           |            |             |  |  |  |
|                  |    |           |         |  |  |   |   |   |                                      |                            |                |                     |                           |  |         |          |           |            |             |  |  |  |
|                  |    |           |         | Storage Only   | Solidification/ Stabilization (Metals and Metal Category Compounds Only) | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) | Transfers to POTWs (Metals and Metal Category Compounds Only) | Class II-V Wells                          | RCRA Subtitle C Surface Impoundments | Other Surface Impoundments | Land Treatment | Other Land Disposal | Other Off-site Management | Transfers to Waste Broker for Disposal | Unknown | Subtotal |           |            |             |  |  |  |
|                  |    |           |         | Pounds   | Pounds   | Pounds  | Pounds  | Pounds                                    | Pounds                               | Pounds                     | Pounds         | Pounds              | Pounds                    | Pounds                                 | Pounds  | Pounds   | Pounds    | Pounds     |             |  |  |  |
| Northwest Arctic | AK | 0         | 0       | 0  | 0  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 19       | 19        | 19         | 777,395,672 |  |  |  |
| Lander           | NV | 0         | 964     | 0  | 964  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 5                   | 0                         | 1                                      | 0       | 0        | 6         | 970        | 232,459,298 |  |  |  |
| Salt Lake        | UT | 0         | 102,762 | 15,822   | 118,584  | 5,321   | 17,298  | 0   | 1,069                                | 0                          | 0              | 0                   | 410,071                   | 1,478                                  | 26,100  | 9        | 461,347   | 579,930    | 186,005,833 |  |  |  |
| Humboldt         | NV | 0         | 1       | 51   | 52   | 0   | 17  | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 21      | 12       | 50        | 102        | 172,424,187 |  |  |  |
| Gila             | AZ | 0         | 238     | 0  | 238  | 0   | 294   | 5   | 5,729                                | 0                          | 0              | 0                   | 762,650                   | 0                                      | 0       | 1,520    | 770,199   | 770,437    | 56,451,598  |  |  |  |
| Juneau           | AK | 0         | 0       | 0  | 0  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 1                                      | 0       | 0        | 1         | 1          | 47,279,674  |  |  |  |
| Escambia         | FL | 0         | 745     | 193,345  | 194,090  | 0   | 0   | 0   | 141                                  | 0                          | 0              | 0                   | 4,470                     | 149                                    | 0       | 88,924   | 93,685    | 287,775    | 35,916,177  |  |  |  |
| Elko             | NV | 0         | 671     | 0  | 671  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        | 0         | 671        | 34,441,922  |  |  |  |
| Brazoria         | TX | 317       | 502,625 | 23,646   | 526,588  | 6,659   | 15,030  | 4   | 0                                    | 3,305                      | 0              | 0                   | 0                         | 0                                      | 341     | 64,435   | 35,242    | 125,016    | 651,604     |  |  |  |
| Wayne            | MI | 13,461    | 176,024 | 22,933,166   | 23,122,652   | 8,245   | 891,016   | 23,343                                    | 7,608                                | 0                          | 0              | 635                 | 17,156                    | 6,950                                  | 3,181   | 31,624   | 989,757   | 24,112,409 | 31,964,481  |  |  |  |
| Lake             | IN | 35,273    | 120,297 | 13,493,751   | 13,649,321   | 1,638   | 786,639   | 8,853                                     | 157                                  | 0                          | 0              | 0                   | 0                         | 26,808                                 | 36,462  | 3        | 860,559   | 14,509,880 | 31,520,770  |  |  |  |
| Spencer          | IN | 0         | 0       | 964,439  | 964,439  | 0   | 13,014  | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        | 13,014    | 977,453    | 30,726,690  |  |  |  |
| Humphreys        | TN | 0         | 20      | 0  | 20   | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 7,271,304                 | 0                                      | 67,345  | 0        | 7,338,649 | 7,338,669  | 29,876,281  |  |  |  |
| Harris           | TX | 1,738,390 | 359,668 | 987,164  | 3,085,222  | 204,291   | 78,987  | 52,180                                    | 25,491                               | 20,910                     | 7              | 16,740              | 305                       | 2,146                                  | 450,121 | 680,557  | 175,558   | 1,707,294  | 4,792,516   |  |  |  |
| Shoshone         | ID | 0         | 0       | 0  | 0  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        | 0         | 0          | 27,210,911  |  |  |  |
| Eureka           | NV | 0         | 2,203   | 0  | 2,203  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        | 0         | 2,203      | 27,038,999  |  |  |  |
| Calhoun          | TX | 0         | 7       | 1,151  | 1,158  | 0   | 3,042   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 1,408                                  | 0       | 3,485    | 7,936     | 9,095      | 24,018,347  |  |  |  |
| Beaver           | PA | 15        | 3,557   | 16,935,863   | 16,939,435   | 0   | 125,456   | 1,382                                     | 10                                   | 0                          | 0              | 1,979,263           | 0                         | 3                                      | 216     | 3,676    | 0         | 2,110,007  | 19,049,442  |  |  |  |
| Harrison         | MS | 0         | 0       | 1,990  | 1,990  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 3,910   | 783      | 4,693     | 6,683      | 21,385,106  |  |  |  |
| Reynolds         | MO | 0         | 0       | 0  | 0  | 0   | 0   | 0   | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        | 0         | 0          | 21,190,101  |  |  |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/18/11

The 20 Counties with  
Largest TRI On-site and  
Off-site Disposal or  
Other Releases, not  
including Class I  
Underground Injection  
Wells, RCRA Subtitle C  
Landfills and Other  
Landfills, 2010

|                  |       |                         |                    |                |   | On-site Disposal or Other Releases |                                |                 |  |                                   |                                 |                         |                       |   |                                   |                            |                 |             |   |  |
|------------------|-------|-------------------------|--------------------|----------------|---|------------------------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|---|-----------------------------------|----------------------------|-----------------|-------------|---|--|
| County           | State | Total Facilities Number | Total Forms Number | Form As Number | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                    |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |   |                                   |                            |                 |             | Total On-site Disposal or Other Releases Pounds |  |
|                  |       |                         |                    |                | Class I Wells Pounds  | RCRA Subtitle C Landfills Pounds   | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |             |   |  |
|                  |       |                         |                    |                |   |                                    |                                |                 |  |                                   |                                 |                         |                       |   |                                   |                            |                 |             |   |  |
| Northwest Arctic | AK    | 1                       | 14                 | 1              | 0   | 0                                  | 0                              | 0               | 229,100                                  | 811                               | 8,430                           | 0                       | 0                     | 0   | 301,960,916                       | 475,196,396                | 777,395,653     | 777,395,653 |   |  |
| Lander           | NV    | 3                       | 29                 |                | 0   | 0                                  | 1,411                          | 1,411           | 42,954                                   | 5,833                             | 0                               | 0                       | 0                     | 0   | 82,796,330                        | 149,611,800                | 232,456,917     | 232,456,328 |   |  |
| Salt Lake        | UT    | 63                      | 241                | 19             | 0   | 0                                  | 763,033                        | 763,033         | 162,203                                  | 477,419                           | 101,641                         | 0                       | 3,033                 | 0   | 125,524,983                       | 58,393,591                 | 184,662,869     | 185,425,903 |   |  |
| Humboldt         | NV    | 10                      | 59                 |                | 0   | 0                                  | 792,736                        | 792,736         | 47,358                                   | 319,276                           | 173                             | 0                       | 0                     | 0   | 49,619,014                        | 121,445,529                | 171,631,349     | 172,424,085 |   |  |
| Gila             | AZ    | 6                       | 45                 | 1              | 0   | 0                                  | 0                              | 0               | 374,834                                  | 383,338                           | 1,277                           | 0                       | 0                     | 0   | 213,566                           | 54,708,146                 | 55,681,161      | 55,681,161  |   |  |
| Juneau           | AK    | 2                       | 15                 | 1              | 0   | 0                                  | 0                              | 0               | 681                                      | 20,276                            | 175                             | 27,452,902              | 0                     | 0   | 45,859                            | 19,759,779                 | 47,279,673      | 47,279,673  |   |  |
| Elko             | NV    | 6                       | 56                 |                | 0   | 0                                  | 6,888                          | 6,888           | 548,758                                  | 17,144                            | 1,293,522                       | 0                       | 0                     | 0   | 24,865,102                        | 7,709,837                  | 34,434,363      | 34,441,251  |   |  |
| Shoshone         | ID    | 6                       | 34                 | 6              | 0   | 0                                  | 0                              | 0               | 19,133                                   | 163                               | 76,010                          | 0                       | 0                     | 2,176,306                                   | 8,818,079                         | 16,121,220                 | 27,210,911      | 27,210,911  |   |  |
| Eureka           | NV    | 4                       | 44                 |                | 0   | 0                                  | 104,195                        | 104,195         | 56,367                                   | 20,043                            | 5                               | 0                       | 17                    | 0   | 15,460,105                        | 11,396,064                 | 26,932,600      | 27,036,795  |   |  |
| Spencer          | IN    | 3                       | 30                 |                | 0   | 0                                  | 2,880,743                      | 2,880,743       | 795                                      | 2,538,173                         | 24,318,362                      | 0                       | 0                     | 0   | 11,110                            | 55                         | 26,868,494      | 29,749,237  |   |  |
| Reynolds         | MO    | 5                       | 13                 |                | 0   | 0                                  | 0                              | 0               | 30,038                                   | 4,794                             | 16,277                          | 0                       | 0                     | 0   | 21,139,000                        | 0                          | 21,190,109      | 21,190,109  |   |  |
| Silver Bow       | MT    | 2                       | 12                 |                | 0   | 0                                  | 0                              | 0               | 500                                      | 0                                 | 5                               | 0                       | 0                     | 0   | 4,554,405                         | 14,339,361                 | 18,894,271      | 18,894,271  |   |  |
| Harris           | TX    | 350                     | 2,235              | 226            | 7,089,276   | 157,931                            | 0                              | 7,247,207       | 5,142,315                                | 7,220,399                         | 2,644,295                       | 4,318                   | 630                   | 0   | 216,875                           | 1,793                      | 15,230,624      | 22,477,831  |   |  |
| Caribou          | ID    | 2                       | 23                 |                | 0   | 0                                  | 0                              | 0               | 63,847                                   | 237,866                           | 1,389                           | 0                       | 0                     | 0   | 36,437                            | 16,035,031                 | 16,374,570      | 16,374,570  |   |  |
| Iron             | MO    | 3                       | 13                 | 3              | 0   | 2,013,838                          | 0                              | 2,013,838       | 38,545                                   | 9,385                             | 28,234                          | 0                       | 0                     | 0   | 15,795,960                        | 86,420                     | 15,958,544      | 17,972,382  |   |  |
| Montgomery       | TN    | 11                      | 34                 | 2              | 0   | 0                                  | 0                              | 0               | 9,688                                    | 351,019                           | 47,947                          | 0                       | 0                     | 0   | 14,769,493                        | 0                          | 15,178,147      | 15,178,147  |   |  |
| Humphreys        | TN    | 7                       | 66                 |                | 0   | 19,014                             | 14,765,388                     | 14,784,402      | 847,784                                  | 6,391,646                         | 513,779                         | 0                       | 0                     | 0   | 0                                 | 1                          | 7,753,210       | 22,537,612  |   |  |
| Washington       | OH    | 17                      | 113                |                | 0   | 0                                  | 0                              | 0               | 284,473                                  | 8,158,182                         | 964,212                         | 0                       | 0                     | 0   | 3,440,244                         | 175                        | 12,847,286      | 12,847,286  |   |  |
| Richmond         | GA    | 24                      | 104                | 8              | 0   | 0                                  | 164,847                        | 164,847         | 1,178,945                                | 6,905,728                         | 5,527,724                       | 0                       | 0                     | 0   | 166,532                           | 11,686                     | 13,790,615      | 13,955,461  |   |  |
| Ascension        | LA    | 16                      | 238                | 11             | 3,916,020   | 0                                  | 61,126                         | 3,977,146       | 1,207,397                                | 8,691,157                         | 3,060,412                       | 0                       | 0                     | 0   | 0                                 | 17,266                     | 12,976,232      | 16,953,378  |   |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/factorsToConPDF.pdf](http://www.epa.gov/tri/program/factorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M84, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with  
Largest TRI On-site and  
Off-site Disposal or  
Other Releases, not  
including Class I  
Underground Injection  
Wells, RCRA Subtitle C  
Landfills and Other  
Landfills, 2010

| Landfills, 2010  |       | Off-site Disposal or Other Releases  |                           |                 |           |   |  |   |   |                  |                                      |                            |                |                     |                           |  |         |   | Total On-site Disposal or Other Releases not including Class I |             |             |             |
|------------------|-------|--|---------------------------|-----------------|-----------|---|--|---|---|------------------|--------------------------------------|----------------------------|----------------|---------------------|---------------------------|--|---------|---|--|-------------|-------------|-------------|
| County           | State | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                           |                 |           | Other Off-site Disposal or Other Releases |  |   |   |                  |                                      |                            |                |                     |                           |  |         | Total Off-site Disposal or Other Releases |  |             |             |             |
|                  |       | Class I Wells  | RCRA Subtitle C Landfills | Other Landfills | Subtotal  | Storage Only                              | Solidification/ Stabilization (Metals and Metal Category Compounds Only) | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) | Transfers to POTWs (Metals and Metal Category Compounds Only) | Class II-V Wells | RCRA Subtitle C Surface Impoundments | Other Surface Impoundments | Land Treatment | Other Land Disposal | Other Off-site Management | Transfers to Waste Broker for Disposal | Unknown |   |  | Subtotal    |             |             |
|                  |       |  |                           |                 |           |   |  |   |   |                  |                                      |                            |                |                     |                           |  |         |   |  |             | Pounds      | Pounds      |
| Northwest Arctic | AK    | 0  | 0                         | 0               | 0         | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 19  | 19   | 19          | 777,395,672 | 777,395,672 |
| Lander           | NV    | 0  | 964                       | 0               | 964       | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 5              | 0                   | 0                         | 0                                      | 0       | 6   | 970  | 232,459,298 | 232,459,298 |             |
| Salt Lake        | UT    | 0  | 102,762                   | 15,822          | 118,584   | 5,321                                     | 17,298   | 0   | 1,069   | 0                | 0                                    | 0                          | 0              | 410,071             | 1,478                     | 26,100                                 | 9       | 461,347                                   | 579,930  | 186,005,833 | 186,124,216 |             |
| Humboldt         | NV    | 0  | 1                         | 51              | 52        | 0   | 17   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 21                                     | 12      | 50  | 102  | 172,424,167 | 172,424,167 |             |
| Gila             | AZ    | 0  | 238                       | 0               | 238       | 0   | 294  | 5   | 5,729   | 0                | 0                                    | 0                          | 0              | 762,650             | 0                         | 0                                      | 1,520   | 770,199                                   | 770,437  | 56,451,598  | 56,451,360  |             |
| Juneau           | AK    | 0  | 0                         | 0               | 0         | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 1                         | 0                                      | 0       | 1   | 47,279,674   | 47,279,674  | 47,279,674  |             |
| Elko             | NV    | 0  | 671                       | 0               | 671       | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0   | 671  | 34,441,922  | 34,434,363  |             |
| Shoshone         | ID    | 0  | 0                         | 0               | 0         | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0   | 0  | 27,210,911  | 27,210,911  |             |
| Eureka           | NV    | 0  | 2,203                     | 0               | 2,203     | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0   | 2,203  | 27,038,999  | 26,932,600  |             |
| Spencer          | IN    | 0  | 0                         | 964,439         | 964,439   | 0   | 13,014   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 13,014                                    | 977,453  | 30,726,690  | 28,881,508  |             |
| Reynolds         | MO    | 0  | 0                         | 0               | 0         | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0   | 0  | 21,190,109  | 21,190,109  |             |
| Silver Bow       | MT    | 0  | 0                         | 16,785          | 16,785    | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0   | 16,785   | 18,911,056  | 18,894,271  |             |
| Harris           | TX    | 1,738,390  | 359,668                   | 987,164         | 3,085,222 | 204,291                                   | 78,987   | 52,180  | 25,491  | 20,910           | 7                                    | 16,740                     | 305            | 2,146               | 450,121                   | 680,557                                | 175,558 | 1,707,294                                 | 4,792,516  | 27,270,347  | 16,937,918  |             |
| Caribou          | ID    | 0  | 0                         | 0               | 0         | 0   | 36   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 4,686                     | 0                                      | 0       | 4,722                                     | 4,722  | 16,379,292  | 16,379,292  |             |
| Iron             | MO    | 0  | 0                         | 112,513         | 112,513   | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0   | 112,513  | 15,968,544  | 15,968,544  |             |
| Montgomery       | TN    | 0  | 0                         | 151,438         | 151,438   | 0   | 2,747  | 2,038   | 67  | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 4,852                                     | 156,290  | 15,334,436  | 15,182,998  |             |
| Humphreys        | TN    | 0  | 20                        | 0               | 20        | 0   | 0  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 7,271,304           | 0                         | 67,345                                 | 0       | 7,338,649                                 | 7,338,669  | 29,876,281  | 15,091,859  |             |
| Washington       | OH    | 0  | 110                       | 321,060         | 321,170   | 0   | 59   | 1,563,698   | 7   | 0                | 0                                    | 0                          | 0              | 0                   | 6                         | 3,851                                  | 0       | 1,567,621                                 | 1,888,791  | 14,736,076  | 14,736,076  |             |
| Richmond         | GA    | 0  | 0                         | 2,437           | 2,437     | 0   | 21   | 3   | 23  | 0                | 0                                    | 1,289                      | 10,715         | 40                  | 1                         | 0                                      | 0       | 12,092                                    | 14,529   | 13,969,990  | 13,969,990  |             |
| Ascension        | LA    | 1  | 690,812                   | 251,762         | 942,575   | 330                                       | 1,177  | 0   | 0   | 0                | 0                                    | 0                          | 1,096          | 0                   | 9                         | 0                                      | 0       | 2,612                                     | 945,187  | 17,898,565  | 12,978,844  |             |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest  
TRI On-site and Off-site  
Disposal or Other Releases,  
not including Class I  
Underground Injection Wells,  
RCRA Subtitle C Landfills and  
RCRA Subtitle C Surface  
Impoundments, 2010

| County           |    | State |       | Total Facilities Number |  | Total Forms Number |  | Form As Number |  | On-site Disposal or Other Releases  |                           |                         |            |  |                            |                          |                  |                |                                      |                            | Total On-site Disposal or Other Releases Pounds |             |             |
|------------------|----|-------|-------|-------------------------|--|--------------------|--|----------------|--|---|---------------------------|-------------------------|------------|--|----------------------------|--------------------------|------------------|----------------|--------------------------------------|----------------------------|---|-------------|-------------|
|                  |    |       |       |                         |  |                    |  |                |  | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                           |                         |            | Other On-site Disposal or Other Releases |                            |                          |                  |                |                                      |                            |   |             |             |
|                  |    |       |       |                         |  |                    |  |                |  |   |                           |                         |            |  |                            |                          |                  |                |                                      |                            |   |             |             |
|                  |    |       |       |                         |  |                    |  |                |  | Class I Wells   | RCRA Subtitle C Landfills | Other On-site Landfills | Subtotal   | Fugitive Air Emissions                   | Point Source Air Emissions | Surface Water Discharges | Class II-V Wells | Land Treatment | RCRA Subtitle C Surface Impoundments | Other Surface Impoundments | Other Land Disposal                             | Subtotal    |             |
|                  |    |       |       |                         |  |                    |  |                |  | Pounds  | Pounds                    | Pounds                  | Pounds     | Pounds                                   | Pounds                     | Pounds                   | Pounds           | Pounds         | Pounds                               | Pounds                     | Pounds  | Pounds      | Pounds      |
| Northwest Arctic | AK | 1     | 14    | 1                       |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 229,100                                  | 811                        | 8,430                    | 0                | 0              | 0                                    | 301,960,916                | 475,196,396                                     | 777,395,653 | 777,395,653 |
| Lander           | NV | 3     | 29    |                         |  |                    |  |                |  | 0   | 0                         | 1,411                   | 1,411      | 42,954                                   | 5,833                      | 0                        | 0                | 0              | 0                                    | 82,796,330                 | 149,611,800                                     | 232,456,917 | 232,458,328 |
| Salt Lake        | UT | 63    | 241   | 19                      |  |                    |  |                |  | 0   | 0                         | 763,033                 | 763,033    | 162,203                                  | 477,419                    | 101,641                  | 0                | 3,033          | 0                                    | 125,524,983                | 58,393,591                                      | 184,662,869 | 185,425,903 |
| Humboldt         | NV | 10    | 59    |                         |  |                    |  |                |  | 0   | 0                         | 792,736                 | 792,736    | 47,358                                   | 319,276                    | 173                      | 0                | 0              | 0                                    | 49,819,014                 | 121,445,529                                     | 171,631,349 | 172,424,085 |
| Gila             | AZ | 6     | 45    | 1                       |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 374,834                                  | 383,338                    | 1,277                    | 0                | 0              | 0                                    | 213,566                    | 54,708,146                                      | 55,681,161  | 55,681,161  |
| Juneau           | AK | 2     | 15    | 1                       |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 681                                      | 20,276                     | 175                      | 27,452,902       | 0              | 0                                    | 45,859                     | 19,759,779                                      | 47,279,673  | 47,279,673  |
| Elko             | NV | 6     | 56    |                         |  |                    |  |                |  | 0   | 0                         | 6,888                   | 6,888      | 548,758                                  | 17,144                     | 1,293,522                | 0                | 0              | 0                                    | 24,865,102                 | 7,709,837                                       | 34,434,363  | 34,441,251  |
| Lake             | IN | 52    | 361   | 11                      |  |                    |  |                |  | 0   | 0                         | 9,985,766               | 9,985,766  | 537,250                                  | 4,176,760                  | 2,311,114                | 0                | 0              | 0                                    | 0                          | 1   | 7,025,124   | 17,010,890  |
| Spencer          | IN | 3     | 30    |                         |  |                    |  |                |  | 0   | 0                         | 2,880,743               | 2,880,743  | 795                                      | 2,538,173                  | 24,318,362               | 0                | 0              | 0                                    | 11,110                     | 55  | 26,868,494  | 29,749,237  |
| Humphreys        | TN | 7     | 66    |                         |  |                    |  |                |  | 0   | 19,014                    | 14,765,388              | 14,784,402 | 847,784                                  | 6,391,646                  | 513,779                  | 0                | 0              | 0                                    | 0                          | 1   | 7,753,210   | 22,537,612  |
| Wayne            | MI | 107   | 662   | 47                      |  |                    |  |                |  | 0   | 2,408,178                 | 0                       | 2,408,178  | 404,763                                  | 4,954,186                  | 83,748                   | 0                | 0              | 0                                    | 0                          | 1,197   | 5,443,894   | 7,852,072   |
| Eureka           | NV | 4     | 44    |                         |  |                    |  |                |  | 0   | 0                         | 104,195                 | 104,195    | 56,367                                   | 20,043                     | 5                        | 0                | 17             | 0                                    | 15,460,105                 | 11,396,064                                      | 26,932,600  | 27,036,795  |
| Shoshone         | ID | 6     | 34    | 6                       |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 19,133                                   | 163                        | 76,010                   | 0                | 0              | 2,176,306                            | 8,818,079                  | 16,121,220                                      | 27,210,911  | 27,210,911  |
| Beaver           | PA | 40    | 224   | 10                      |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 80,335                                   | 1,216,399                  | 1,147,899                | 0                | 0              | 0                                    | 0                          | 0   | 2,444,633   | 2,444,633   |
| Reynolds         | MO | 5     | 13    |                         |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 30,038                                   | 4,794                      | 16,277                   | 0                | 0              | 0                                    | 21,139,000                 | 0   | 21,190,109  | 21,190,109  |
| Silver Bow       | MT | 2     | 12    |                         |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 500                                      | 0                          | 5                        | 0                | 0              | 0                                    | 4,554,405                  | 14,339,361                                      | 18,894,271  | 18,894,271  |
| Harris           | TX | 350   | 2,235 | 226                     |  |                    |  |                |  | 7,089,276   | 157,931                   | 0                       | 7,247,207  | 5,142,315                                | 7,220,399                  | 2,644,295                | 4,318            | 630            | 0                                    | 216,875                    | 1,793   | 15,230,624  | 22,477,831  |
| Allegheny        | PA | 78    | 387   | 54                      |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 1,101,493                                | 2,907,216                  | 2,743,808                | 0                | 0              | 0                                    | 0                          | 0   | 6,752,518   | 6,752,518   |
| Caribou          | ID | 2     | 23    |                         |  |                    |  |                |  | 0   | 0                         | 0                       | 0          | 63,847                                   | 237,866                    | 1,389                    | 0                | 0              | 0                                    | 36,437                     | 16,035,031                                      | 16,374,570  | 16,374,570  |
| Iron             | MO | 3     | 13    | 3                       |  |                    |  |                |  | 0   | 2,013,838                 | 0                       | 2,013,838  | 38,545                                   | 9,385                      | 28,234                   | 0                | 0              | 0                                    | 15,795,960                 | 86,420  | 15,958,544  | 17,972,382  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest TRI On-site and Off-site Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2010

| County               |                                  | State                  |                 | Off-site Disposal or Other Releases  |            |  |         |  |        |  |   |                         |           |   |           |                                   |         |                       |            |                            |             | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds | Total Disposal or Other Releases not including On-site Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments Pounds |    |                |             |                 |             |
|----------------------|----------------------------------|------------------------|-----------------|--|------------|--|---------|--|--------|--|---|-------------------------|-----------|---|-----------|-----------------------------------|---------|-----------------------|------------|----------------------------|-------------|--|--|---|----|----------------|-------------|-----------------|-------------|
|                      |                                  |                        |                 | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |            |  |         | Other Off-site Disposal or Other Releases  |        |  |   |                         |           |   |           |                                   |         |                       |            |                            |             |  |  |   |    |                |             |                 |             |
|                      |                                  |                        |                 |  |            |  |         |  |        |  |   |                         |           |   |           |                                   |         |                       |            |                            |             |  |  |   |    |                |             |                 |             |
|                      |                                  |                        |                 |  |            |  |         |  |        |  |   |                         |           |   |           |                                   |         |                       |            |                            |             |  |  |   |    |                |             |                 |             |
|                      |                                  |                        |                 |  |            | Solidification/Stabilization (Metals and Metal Category Compounds Only) Pounds |         | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds |        | Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds |   | Class II-V Wells Pounds |           | RCRA Subtitle C Surface Impoundments Pounds |           | Other Surface Impoundments Pounds |         | Land Treatment Pounds |            | Other Land Disposal Pounds |             | Other Off-site Management Pounds                 |  | Transfers to Waste Broker for Disposal Pounds   |    | Unknown Pounds |             | Subtotal Pounds |             |
| Class I Wells Pounds | RCRA Subtitle C Landfills Pounds | Other Landfills Pounds | Subtotal Pounds | Storage Only Pounds  |            |  |         |  |        |  |   |                         |           |   |           |                                   |         |                       |            |                            |             |  |  |   |    |                |             |                 |             |
| Northwest Arctic     | AK                               | 0                      | 0               | 0  | 0          | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 0          | 0                          | 0           | 0  | 0  | 0   | 19 | 19             | 19          | 777,395,672     | 777,395,672 |
| Lander               | NV                               | 0                      | 964             | 0  | 964        | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 5         | 0                                 | 0       | 0                     | 0          | 0                          | 0           | 0  | 0  | 0   | 6  | 970            | 232,459,298 | 232,458,334     |             |
| Salt Lake            | UT                               | 0                      | 102,762         | 15,822   | 118,584    | 5,321  | 17,298  | 0  | 1,069  | 0  | 0 | 0                       | 0         | 0   | 410,071   | 1,478                             | 26,100  | 9                     | 461,347    | 579,930                    | 186,005,833 | 185,903,071                                      |  |   |    |                |             |                 |             |
| Humboldt             | NV                               | 0                      | 1               | 51   | 52         | 0  | 17      | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 21                    | 12         | 50                         | 102         | 172,424,187                                      | 172,424,186  |   |    |                |             |                 |             |
| Gila                 | AZ                               | 0                      | 238             | 0  | 238        | 0  | 294     | 5  | 5,729  | 0  | 0 | 0                       | 0         | 0   | 762,650   | 0                                 | 0       | 1,520                 | 770,199    | 770,437                    | 56,451,598  | 56,451,360                                       |  |   |    |                |             |                 |             |
| Juneau               | AK                               | 0                      | 0               | 0  | 0          | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 1       | 0                     | 0          | 1                          | 47,279,674  | 47,279,674                                       |  |   |    |                |             |                 |             |
| Elko                 | NV                               | 0                      | 671             | 0  | 671        | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 0          | 671                        | 34,441,922  | 34,441,251                                       |  |   |    |                |             |                 |             |
| Lake                 | IN                               | 35,273                 | 120,297         | 13,493,751   | 13,649,321 | 1,638  | 786,639 | 8,853  | 157    | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 26,808  | 36,462                | 3          | 860,559                    | 14,509,880  | 31,520,770                                       | 31,365,200   |   |    |                |             |                 |             |
| Spencer              | IN                               | 0                      | 0               | 964,439  | 964,439    | 0  | 13,014  | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 0          | 13,014                     | 977,453     | 30,726,690                                       | 30,726,690   |   |    |                |             |                 |             |
| Humphreys            | TN                               | 0                      | 20              | 0  | 20         | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 0          | 0                          | 7,338,669   | 29,876,281                                       | 29,857,247   |   |    |                |             |                 |             |
| Wayne                | MI                               | 13,461                 | 176,024         | 22,933,166   | 23,122,652 | 8,245  | 891,016 | 23,343   | 7,608  | 0  | 0 | 0                       | 0         | 635   | 7,271,304 | 0                                 | 6,950   | 31,624                | 989,757    | 24,112,409                 | 27,036,999  | 27,036,996                                       |  |   |    |                |             |                 |             |
| Eureka               | NV                               | 0                      | 2,203           | 0  | 2,203      | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 17,156    | 0                                 | 0       | 0                     | 0          | 2,203                      | 27,036,999  | 27,036,996                                       |  |   |    |                |             |                 |             |
| Shoshone             | ID                               | 0                      | 0               | 0  | 0          | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 0          | 0                          | 27,210,911  | 27,210,911                                       |  |   |    |                |             |                 |             |
| Beaver               | PA                               | 15                     | 3,557           | 16,935,863   | 16,939,435 | 0  | 125,456 | 1,382  | 10     | 0  | 0 | 0                       | 1,979,263 | 0   | 3         | 216                               | 3,676   | 0                     | 2,110,007  | 19,049,442                 | 21,494,074  | 21,490,503                                       |  |   |    |                |             |                 |             |
| Reynolds             | MO                               | 0                      | 0               | 0  | 0          | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 0          | 0                          | 21,190,109  | 21,190,109                                       |  |   |    |                |             |                 |             |
| Silver Bow           | MT                               | 0                      | 0               | 16,785   | 16,785     | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 0          | 16,785                     | 18,911,056  | 18,911,056                                       |  |   |    |                |             |                 |             |
| Harris               | TX                               | 1,738,390              | 359,668         | 987,164  | 3,085,222  | 204,291  | 78,987  | 52,180   | 25,491 | 20,910   | 7 | 16,740                  | 305       | 2,146                                       | 450,121   | 680,557                           | 175,558 | 1,707,294             | 4,792,516  | 27,270,347                 | 17,925,074  |  |  |   |    |                |             |                 |             |
| Allegheny            | PA                               | 0                      | 12              | 10,136,643   | 10,136,656 | 0  | 31,405  | 3  | 55     | 0  | 0 | 0                       | 0         | 912,089                                     | 37,833    | 2,806                             | 947     | 985,138               | 11,121,794 | 17,874,312                 | 17,874,299  |  |  |   |    |                |             |                 |             |
| Caribou              | ID                               | 0                      | 0               | 0  | 0          | 0  | 36      | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 4,686                             | 0       | 4,722                 | 4,722      | 16,379,292                 | 16,379,292  |  |  |   |    |                |             |                 |             |
| Iron                 | MO                               | 0                      | 0               | 112,513  | 112,513    | 0  | 0       | 0  | 0      | 0  | 0 | 0                       | 0         | 0   | 0         | 0                                 | 0       | 0                     | 112,513    | 18,084,895                 | 18,084,895  |  |  |   |    |                |             |                 |             |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

## The 20 Counties with Largest Total On-site Disposal or Other Releases, 2010

| County           |    | State | Total Facilities Number | On-site Disposal or Other Releases  |                                  |                                |                 |  |                                   |                                 |                         |                       |                             |                                   |                            |                 |           | Total On-site Disposal or Other Releases Pounds | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |
|------------------|----|-------|-------------------------|---|----------------------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|-----------------------------|-----------------------------------|----------------------------|-----------------|-----------|---|--|--|
|                  |    |       |                         | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                  |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |                             |                                   |                            |                 |           |   |  |  |
|                  |    |       |                         |   |                                  |                                |                 | RCRA Subtitle C                          |                                   |                                 |                         |                       |                             |                                   |                            |                 |           |   |  |  |
|                  |    |       |                         | Class I Wells Pounds  | RCRA Subtitle C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |           |   |  |  |
| Northwest Arctic | AK | 1     | 0                       | 0   | 0                                | 0                              | 229,100         | 811                                      | 8,430                             | 0                               | 0                       | 0                     | 301,960,916                 | 475,196,396                       | 777,395,653                | 777,395,653     | 19        | 777,395,672                                     |  |  |
| Lander           | NV | 3     | 0                       | 0   | 1,411                            | 1,411                          | 42,954          | 5,833                                    | 0                                 | 0                               | 0                       | 0                     | 82,796,330                  | 149,611,800                       | 232,456,917                | 232,456,917     | 970       | 232,459,298                                     |  |  |
| Salt Lake        | UT | 63    | 0                       | 0   | 763,033                          | 763,033                        | 162,203         | 477,419                                  | 101,641                           | 0                               | 3,033                   | 0                     | 125,524,983                 | 58,393,591                        | 184,662,869                | 185,425,903     | 579,930   | 186,005,833                                     |  |  |
| Humboldt         | NV | 10    | 0                       | 0   | 792,736                          | 792,736                        | 47,358          | 319,276                                  | 173                               | 0                               | 0                       | 0                     | 49,819,014                  | 121,445,529                       | 171,631,349                | 172,424,085     | 102       | 172,424,187                                     |  |  |
| Gila             | AZ | 6     | 0                       | 0   | 0                                | 0                              | 374,834         | 383,338                                  | 1,277                             | 0                               | 0                       | 0                     | 213,566                     | 54,708,146                        | 55,681,161                 | 55,681,161      | 770,437   | 56,451,598                                      |  |  |
| Juneau           | AK | 2     | 0                       | 0   | 0                                | 0                              | 681             | 20,276                                   | 175                               | 27,452,902                      | 0                       | 0                     | 45,859                      | 19,759,779                        | 47,279,673                 | 47,279,673      | 1         | 47,279,674                                      |  |  |
| Escambia         | FL | 12    | 32,288,956              | 0   | 963,092                          | 33,252,048                     | 167,221         | 2,029,280                                | 160,170                           | 0                               | 0                       | 0                     | 13,048                      | 6,635                             | 2,376,354                  | 35,628,402      | 287,775   | 35,916,177                                      |  |  |
| Elko             | NV | 6     | 0                       | 0   | 6,888                            | 6,888                          | 548,758         | 17,144                                   | 1,293,522                         | 0                               | 0                       | 0                     | 24,865,102                  | 7,709,837                         | 34,434,363                 | 34,441,251      | 671       | 34,441,922                                      |  |  |
| Brazoria         | TX | 37    | 25,808,548              | 336,271   | 201,722                          | 26,346,541                     | 2,125,112       | 2,352,946                                | 1,644,416                         | 0                               | 6                       | 0                     | 1,225                       | 1                                 | 6,123,707                  | 32,470,248      | 651,604   | 33,121,852                                      |  |  |
| Spencer          | IN | 3     | 0                       | 0   | 2,880,743                        | 2,880,743                      | 795             | 2,538,173                                | 24,318,362                        | 0                               | 0                       | 0                     | 11,110                      | 55                                | 26,868,494                 | 29,749,237      | 977,453   | 30,726,690                                      |  |  |
| Shoshone         | ID | 6     | 0                       | 0   | 0                                | 0                              | 19,133          | 163                                      | 76,010                            | 0                               | 0                       | 2,176,306             | 8,818,079                   | 16,121,220                        | 27,210,911                 | 27,210,911      | 0         | 27,210,911                                      |  |  |
| Eureka           | NV | 4     | 0                       | 0   | 104,195                          | 104,195                        | 56,367          | 20,043                                   | 5                                 | 0                               | 17                      | 0                     | 15,460,105                  | 11,396,064                        | 26,932,600                 | 27,036,795      | 2,203     | 27,038,999                                      |  |  |
| Calhoun          | TX | 5     | 21,335,708              | 745   | 68                               | 21,336,521                     | 591,805         | 1,876,019                                | 27,371                            | 0                               | 0                       | 0                     | 177,461                     | 75                                | 2,672,731                  | 24,009,252      | 9,095     | 24,018,347                                      |  |  |
| Humphreys        | TN | 7     | 0                       | 19,014  | 14,765,388                       | 14,784,402                     | 847,784         | 6,391,646                                | 513,779                           | 0                               | 0                       | 0                     | 0                           | 1                                 | 7,753,210                  | 22,537,612      | 7,338,669 | 29,876,281                                      |  |  |
| Harris           | TX | 350   | 7,089,276               | 157,931   | 0                                | 7,247,207                      | 5,142,315       | 7,220,399                                | 2,644,295                         | 4,318                           | 630                     | 0                     | 216,875                     | 1,793                             | 15,230,624                 | 22,477,831      | 4,792,516 | 27,270,347                                      |  |  |
| Harrison         | MS | 14    | 16,533,288              | 0   | 913,357                          | 17,446,645                     | 49,359          | 3,816,125                                | 4,334                             | 0                               | 0                       | 0                     | 61,959                      | 0                                 | 3,931,777                  | 21,378,423      | 6,683     | 21,385,106                                      |  |  |
| Reynolds         | MO | 5     | 0                       | 0   | 0                                | 0                              | 30,038          | 4,794                                    | 16,277                            | 0                               | 0                       | 0                     | 21,139,000                  | 0                                 | 21,190,109                 | 21,190,109      | 0         | 21,190,109                                      |  |  |
| St Charles       | LA | 18    | 17,644,960              | 0   | 285                              | 17,645,245                     | 948,372         | 1,030,930                                | 292,923                           | 0                               | 0                       | 0                     | 0                           | 22,481                            | 2,294,706                  | 19,939,951      | 230,573   | 20,170,524                                      |  |  |
| Silver Bow       | MT | 2     | 0                       | 0   | 0                                | 0                              | 500             | 0  | 5                                 | 0                               | 0                       | 0                     | 4,554,405                   | 14,339,361                        | 18,894,271                 | 18,894,271      | 16,785    | 18,911,056                                      |  |  |
| Iron             | MO | 3     | 0                       | 2,013,838   | 0                                | 2,013,838                      | 38,545          | 9,385                                    | 28,234                            | 0                               | 0                       | 0                     | 15,795,960                  | 86,420                            | 15,958,544                 | 17,972,382      | 112,513   | 18,084,895                                      |  |  |

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/18/11

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010

|   |                  |       |           |                    | On-site Disposal or Other Releases  |                                  |                                |                 |  |                                   |                                 |                         |                       |   |                                   |                            |                 | Total On-site Disposal or Other Releases Pounds |  |
|---|------------------|-------|-----------|--------------------|---|----------------------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|---|-----------------------------------|----------------------------|-----------------|---|--|
|   |                  |       |           |                    | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                  |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |   |                                   |                            |                 |   |  |
|   |                  |       |           |                    | Class I Wells Pounds  | RCRA Subtitle C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |   |  |
| Facility  | City             | State | NACS Code | Total Forms Number |   |                                  |                                |                 |  |                                   |                                 |                         |                       |   |                                   |                            |                 |   |  |
| Red Dog Operations                                      | Kotzebue         | AK    | 2122      | 14                 | 0   | 0                                | 0                              | 0               | 229,100                                  | 811                               | 8,430                           | 0                       | 0                     | 0   | 301,960,916                       | 475,196,396                | 777,395,653     | 777,395,653                                     |  |
| Newmont Mining Corp Copper Canyon Facility              | Battle Mountain  | NV    | 2122      | 12                 | 0   | 0                                | 27                             | 27              | 6,484                                    | 521                               | 0                               | 0                       | 0                     | 0   | 68,087,202                        | 140,032,023                | 208,126,230     | 208,126,257                                     |  |
| Newmont Mining Corp Twin Creeks Mine                    | Juneau           | NV    | 2122      | 21                 | 0   | 0                                | 1,917                          | 1,917           | 27,175                                   | 99,815                            | 173                             | 0                       | 0                     | 0   | 49,765,470                        | 119,280,909                | 169,173,542     | 169,175,459                                     |  |
| Kennecott Utah Copper Mine Concentrators & Power Plant  | Bingham Canyon   | UT    | 2122      | 20                 | 0   | 0                                | 87,689                         | 87,689          | 4,957                                    | 8,095                             | 5,092                           | 0                       | 3,003                 | 0   | 102,335,150                       | 58,377,290                 | 160,733,595     | 160,821,285                                     |  |
| Hecia Greens Creek Mining Co                            | Goldsboro        | AK    | 2122      | 9                  | 0   | 0                                | 0                              | 0               | 619                                      | 19,519                            | 175                             | 27,452,849              | 0                     | 0   | 0                                 | 19,712,306                 | 47,185,468      | 47,185,468                                      |  |
| Huntsman Petrochemical Corp                             | Cantonment       | FL    | 325       | 34                 | 32,288,956  | 0                                | 0                              | 32,288,956      | 26,682                                   | 108,193                           | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 134,876         | 32,423,832                                      |  |
| ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator   | Hayden           | AZ    | 331       | 16                 | 0   | 0                                | 0                              | 0               | 98,640                                   | 224,347                           | 0                               | 0                       | 0                     | 0   | 0                                 | 30,715,654                 | 31,038,641      | 31,038,641                                      |  |
| Barrook Goldstrike Mines Inc                            | Elko             | NV    | 2122      | 26                 | 0   | 0                                | 6,669                          | 6,669           | 308,091                                  | 17,092                            | 0                               | 0                       | 0                     | 0   | 23,472,464                        | 5,456,564                  | 29,254,201      | 29,260,870                                      |  |
| Fresport-McMoran Miami Inc                              | Claypool         | AZ    | 2122      | 19                 | 0   | 0                                | 0                              | 0               | 263,250                                  | 158,241                           | 1,277                           | 0                       | 0                     | 0   | 213,550                           | 23,988,810                 | 24,625,127      | 24,625,127                                      |  |
| AK Steel Corp (Rockport Works )                         | Rockport         | IN    | 331       | 9                  | 0   | 0                                | 0                              | 0               | 0  | 12,821                            | 24,305,396                      | 0                       | 0                     | 0   | 0                                 | 0                          | 24,318,217      | 24,318,217                                      |  |
| Cortez Gold Mines                                       | Crescent Valley  | NV    | 2122      | 13                 | 0   | 0                                | 1,384                          | 1,384           | 18,308                                   | 130                               | 0                               | 0                       | 0                     | 0   | 14,709,128                        | 9,579,777                  | 24,307,343      | 24,308,727                                      |  |
| Kennecott Utah Copper Smelter & Refinery                | Magna            | UT    | 331       | 21                 | 0   | 0                                | 675,344                        | 675,344         | 6,547                                    | 100,226                           | 5,903                           | 0                       | 30                    | 0   | 23,189,833                        | 4,303                      | 23,306,467      | 23,981,811                                      |  |
| Ineos USA LLC Green Lake Plant                          | Port Lavaca      | TX    | 325       | 23                 | 21,335,708  | 0                                | 0                              | 21,335,708      | 20,956                                   | 85,891                            | 1,013                           | 0                       | 0                     | 0   | 0                                 | 0                          | 107,860         | 21,443,568                                      |  |
| Hecia Ltd Lucky Friday Mine Unit                        | Mullan           | ID    | 2122      | 11                 | 0   | 0                                | 0                              | 0               | 44                                       | 109                               | 933                             | 0                       | 0                     | 0   | 8,007,567                         | 11,778,320                 | 19,786,973      | 19,786,973                                      |  |
| Montana Resources LLP                                   | Butte            | MT    | 2122      | 11                 | 0   | 0                                | 0                              | 0               | 250                                      | 0                                 | 0                               | 0                       | 0                     | 0   | 4,554,405                         | 14,339,361                 | 18,894,016      | 18,894,016                                      |  |
| Ascend Performance Materials - Chocolate Bayou Facility | Alvin            | TX    | 325       | 44                 | 17,792,318  | 321,140                          | 0                              | 18,113,457      | 27,285                                   | 141,598                           | 9,041                           | 0                       | 0                     | 0   | 0                                 | 1                          | 177,924         | 18,291,382                                      |  |
| DuPont Delisle Plant                                    | Pass Christian   | MS    | 325       | 22                 | 16,533,288  | 0                                | 381,974                        | 16,915,263      | 4,727                                    | 1,052,053                         | 1,888                           | 0                       | 0                     | 0   | 0                                 | 0                          | 1,058,668       | 17,973,931                                      |  |
| Horsehead Corp Monaca Smelter                           | Monaca           | PA    | 331       | 14                 | 0   | 0                                | 0                              | 0               | 8,770                                    | 548,341                           | 2,628                           | 0                       | 0                     | 0   | 0                                 | 0                          | 559,739         | 559,739   |  |
| Monsanto Luling   | Luling           | LA    | 325       | 17                 | 16,755,400  | 0                                | 0                              | 16,755,400      | 6,848                                    | 97,882                            | 187,670                         | 0                       | 0                     | 0   | 0                                 | 0                          | 292,400         | 17,047,800                                      |  |
| Newmont Mining Corp - Carlin South Area                 | Carlin           | NV    | 2122      | 22                 | 0   | 0                                | 731                            | 731             | 28,096                                   | 2,352                             | 5                               | 0                       | 17                    | 0   | 15,458,800                        | 865,200                    | 16,354,469      | 16,355,200                                      |  |
| Pd Production LLC                                       | Soda Springs     | ID    | 325       | 17                 | 0   | 0                                | 0                              | 0               | 14,659                                   | 224,819                           | 1,389                           | 0                       | 0                     | 0   | 0                                 | 15,911,818                 | 16,152,685      | 16,152,685                                      |  |
| Buck Mine/Mill  | Boss             | MO    | 2122      | 4                  | 0   | 0                                | 0                              | 0               | 11,689                                   | 285                               | 27,334                          | 0                       | 0                     | 0   | 0                                 | 86,420                     | 15,921,688      | 15,921,688                                      |  |
| Cytec Industries Inc Fortier Plant                      | Westwego         | LA    | 325       | 19                 | 15,247,431  | 0                                | 0                              | 15,247,431      | 14,423                                   | 315,676                           | 34,441                          | 0                       | 0                     | 0   | 0                                 | 0                          | 364,540         | 15,611,971                                      |  |
| Nyrstar Clarksville Inc                                 | Clarksville      | TN    | 2122      | 10                 | 0   | 0                                | 0                              | 0               | 707                                      | 247,063                           | 47,873                          | 0                       | 0                     | 0   | 14,769,463                        | 0                          | 15,065,136      | 15,065,136                                      |  |
| Coking Steam Electric Station                           | Coking           | MT    | 2211      | 26                 | 0   | 0                                | 13,009,010                     | 13,009,010      | 251                                      | 399,560                           | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 399,811         | 13,408,821                                      |  |
| DuPont Johnsonville Plant                               | New Johnsonville | TN    | 325       | 21                 | 0   | 0                                | 10,981,738                     | 10,981,738      | 3,811                                    | 2,714,582                         | 2,293                           | 0                       | 0                     | 0   | 0                                 | 0                          | 2,720,686       | 13,702,424                                      |  |
| USS Gary Works  | Gary             | IN    | 331       | 46                 | 0   | 0                                | 9,985,766                      | 9,985,766       | 295,275                                  | 287,830                           | 2,021,582                       | 0                       | 0                     | 0   | 0                                 | 0                          | 2,604,687       | 12,590,453                                      |  |
| US Army Radford Army Ammunition Plant                   | Radford          | VA    | 222       | 14                 | 0   | 0                                | 0                              | 0               | 28,720                                   | 437,539                           | 12,006,602                      | 0                       | 0                     | 0   | 0                                 | 840                        | 12,473,701      | 12,473,701                                      |  |
| Tronox LLC  | Hamilton         | MS    | 325       | 16                 | 0   | 0                                | 0                              | 0               | 31,570                                   | 220,566                           | 178,152                         | 0                       | 0                     | 27,843                                      | 0                                 | 10,943,134                 | 11,401,565      | 11,401,565                                      |  |
| Arcelormittal USA LLC                                   | East Chicago     | IN    | 331       | 24                 | 0   | 0                                | 0                              | 0               | 13,986                                   | 133,939                           | 95,691                          | 0                       | 0                     | 0   | 0                                 | 0                          | 243,616         | 243,616   |  |
| Peoria Disposal Co #1                                   | Peoria           | IL    | 562       | 11                 | 0   | 55,975                           | 0                              | 55,975          | 5,055                                    | 0                                 | 6                               | 0                       | 0                     | 0   | 0                                 | 0                          | 5,061           | 61,036  |  |
| US TVA Johnsonville Fossil Plant                        | New Johnsonville | TN    | 2211      | 17                 | 0   | 0                                | 0                              | 0               | 20,812                                   | 3,230,218                         | 25,846                          | 0                       | 0                     | 0   | 0                                 | 1                          | 3,276,877       | 3,276,877                                       |  |
| Ruby Hill Mine  | Eureka           | NV    | 2122      | 6                  | 0   | 0                                | 0                              | 0               | 691                                      | 117                               | 0                               | 0                       | 0                     | 0   | 7                                 | 10,290,864                 | 10,291,679      | 10,291,679                                      |  |
| US Steel Corp Great Lakes Works                         | Ecorse           | MI    | 331       | 23                 | 0   | 0                                | 0                              | 0               | 46,230                                   | 206,400                           | 74,054                          | 0                       | 0                     | 0   | 0                                 | 0                          | 326,684         | 326,684   |  |
| Ineos USA LLC   | Lima             | OH    | 325       | 35                 | 9,867,504   | 0                                | 0                              | 9,867,504       | 16,693                                   | 159,314                           | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 176,007         | 10,043,511                                      |  |
| US TVA Paradise Fossil Plant                            | Drakesboro       | KY    | 2211      | 23                 | 0   | 0                                | 0                              | 0               | 46,187                                   | 7,823,176                         | 378,465                         | 0                       | 0                     | 0   | 1,764,386                         | 3                          | 10,010,218      | 10,010,218                                      |  |
| Nucor Steel Tuscaloosa Inc                              | Tuscaloosa       | AL    | 331       | 9                  | 0   | 0                                | 0                              | 0               | 9,906                                    | 9,906                             | 903                             | 0                       | 0                     | 0   | 0                                 | 0                          | 11,310          | 11,310  |  |
| Detroit Edison Monroe Power Plant                       | Monroe           | MI    | 2211      | 21                 | 0   | 0                                | 0                              | 0               | 22,103                                   | 5,442,703                         | 28,782                          | 0                       | 0                     | 0   | 4,093,510                         | 0                          | 9,587,099       | 9,587,099                                       |  |
| Vickrey Environmental Inc                               | Vickrey          | OH    | 562       | 19                 | 9,574,712   | 0                                | 0                              | 9,574,712       | 0  | 0                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 0               | 9,574,712                                       |  |
| USS Mon Valley Works - Edgar Thomson Plant              | Braddock         | PA    | 331       | 15                 | 0   | 0                                | 0                              | 0               | 76,351                                   | 2,971                             | 133,446                         | 0                       | 0                     | 0   | 0                                 | 0                          | 212,768         | 212,768   |  |
| Brushy Creek Mine/Mill                                  | Boss             | MO    | 2122      | 3                  | 0   | 0                                | 0                              | 0               | 2,719                                    | 0                                 | 7,632                           | 0                       | 0                     | 0   | 9,253,800                         | 0                          | 9,264,151       | 9,264,151                                       |  |
| Clean Harbors Lone Mountain LLC Lone Mountain Facility  | Waynoka          | OK    | 562       | 30                 | 0   | 9,010,319                        | 322                            | 9,010,641       | 672                                      | 302                               | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 1,174           | 9,011,814                                       |  |
| Clean Harbors Buttonwillow LLC                          | Buttonwillow     | CA    | 562       | 25                 | 0   | 5,923,425                        | 3,036,250                      | 8,959,675       | 575                                      | 5                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 581             | 8,960,256                                       |  |
| Severstar Dearborn LLC                                  | Dearborn         | MI    | 331       | 13                 | 0   | 0                                | 0                              | 0               | 1,542                                    | 77,637                            | 2,703                           | 0                       | 0                     | 0   | 0                                 | 0                          | 81,882          | 81,882  |  |
| Angus Chemical Co                                       | Sterlington      | LA    | 325       | 12                 | 8,189,083   | 0                                | 0                              | 8,189,083       | 4,819                                    | 104,108                           | 264,704                         | 0                       | 0                     | 0   | 50                                | 0                          | 373,681         | 8,562,764                                       |  |
| US Ecology Idaho Inc                                    | Grand View       | ID    | 562       | 28                 | 0   | 8,557,967                        | 0                              | 8,557,967       | 143                                      | 713                               | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 866             | 8,558,823                                       |  |
| Chemical Waste Management of the Northwest Inc          | Arlington        | OR    | 562       | 39                 | 0   | 8,155,324                        | 105,410                        | 8,260,734       | 5,316                                    | 17,080                            | 0                               | 0                       | 0                     | 6,958                                       | 0                                 | 1                          | 29,355          | 8,290,088                                       |  |
| North American Stainless                                | Ghent            | KY    | 331       | 10                 | 0   | 0                                | 0                              | 0               | 0  | 19,133                            | 3,206,744                       | 0                       | 0                     | 0   | 0                                 | 0                          | 3,225,877       | 3,225,877                                       |  |
| Koch Nitrogen Co LLC                                    | Enid             | OK    | 325       | 11                 | 0   | 0                                | 0                              | 0               | 131,260                                  | 7,024,750                         | 795,510                         | 0                       | 0                     | 0   | 5                                 | 7,951,525                  | 7,951,525       | 7,951,525                                       |  |
| Weychem US Inc  | Elgin            | SC    | 325       | 27                 | 0   | 0                                | 0                              | 0               | 58,971                                   | 52,252                            | 1,105                           | 0                       | 0                     | 0   | 0                                 | 0                          | 112,328         | 112,328   |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M1), RCRA Subtitle C Landfills (M6), Other Landfills (M4, M7), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M11 or M12), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M2 or M3), RCRA Subtitle C Surface Impoundments (M6), Other Surface Impoundments (M7, M8), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M2, M71), Other Off-site Management (M80), Transfers to Waste Broker - Disposal (M84, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/18/11

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010

| Facility  | Off-site Disposal or Other Releases  |                                  |                        |                 |   |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |           | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |
|---|--|----------------------------------|------------------------|-----------------|---|--|--|-------------------------|---|-----------------------------------|-----------------------|----------------------------|----------------------------------|---|----------------|-----------------|-----------|--|--|
|   | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                  |                        |                 | Other Off-site Disposal or Other Releases |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |           |  |  |
|   | Class I Wells Pounds   | RCRA Subtitle C Landfills Pounds | Other Landfills Pounds | Subtotal Pounds | Storage Only Compounds Only Pounds        | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds | Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds | Class II-V Wells Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Land Treatment Pounds | Other Land Disposal Pounds | Other Off-site Management Pounds | Transfers to Waste Broker for Disposal Pounds | Unknown Pounds | Subtotal Pounds |           |  |  |
|   |  |                                  |                        |                 |   |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |           |  |  |
| Red Dog Operations                                      | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 19             | 19              | 19        | 777,395,672                                      |  |
| Newmont Mining Corp Copper Canyon Facility              | 0  | 964                              | 0                      | 964             | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 964       | 208,127,221                                      |  |
| Newmont Mining Corp Twin Creeks Mine                    | 0  | 1                                | 0                      | 1               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1         | 169,175,460                                      |  |
| Kennecott Utah Copper Mine Concentrators & Power Plant  | 0  | 0                                | 0                      | 0               | 0   | 17,168   | 0  | 0                       | 0   | 0                                 | 0                     | 11                         | 0                                | 0   | 3,090          | 0               | 20,269    | 169,841,553                                      |  |
| Hecia Greens Creek Mining Co                            | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 47,185,468                                       |  |
| Huntsman Petrochemical Corp                             | 0  | 745                              | 239                    | 984             | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 4,470                      | 0                                | 149   | 0              | 0               | 4,619     | 32,429,435                                       |  |
| ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator   | 0  | 238                              | 0                      | 238             | 0   | 0  | 0  | 12                      | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 12        | 2503   | 31,038,891   |
| Barrick Goldstrike Mines Inc                            | 0  | 671                              | 0                      | 671             | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 671       | 29,281,541                                       |  |
| Freemport-McMoran Miami Inc                             | 0  | 0                                | 0                      | 0               | 0   | 294  | 5  | 5,717                   | 0   | 0                                 | 0                     | 0                          | 762,650                          | 0   | 0              | 1,520           | 770,186   | 25,395,313                                       |  |
| AK Steel Corp (Rockport Works )                         | 0  | 0                                | 962,826                | 962,826         | 0   | 13,014   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 13,014    | 975,840  | 25,094,057   |
| Cortez Gold Mines                                       | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 5                          | 0                                | 0   | 0              | 0               | 6         | 24,308,733                                       |  |
| Kennecott Utah Copper Smelter & Refinery                | 0  | 0                                | 1,146                  | 1,146           | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 54                               | 0   | 10,512         | 0               | 10,566    | 11,711   | 23,993,522   |
| Ineos USA LLC Green Lake Plant                          | 0  | 0                                | 0                      | 0               | 0   | 3,030  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,030     | 21,446,598                                       |  |
| Hecia Ltd Lucky Friday Mine Unit                        | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 19,786,973                                       |  |
| Montana Resources LLP                                   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 18,894,016                                       |  |
| Ascend Performance Materials - Chocolate Bayou Facility | 0  | 0                                | 44                     | 44              | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 44        | 18,291,426                                       |  |
| DuPont Delisle Plant                                    | 0  | 0                                | 120                    | 120             | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 120  | 19,740,051   |
| Horsehead Corp Monaca Smelter                           | 0  | 0                                | 16,532,377             | 16,532,377      | 0   | 50,350   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 57  | 0              | 0               | 50,407    | 16,582,784                                       | 17,142,523   |
| Monsanto Luling   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 17,047,800                                       |  |
| Newmont Mining Corp - Carlin South Area                 | 0  | 2,203                            | 0                      | 2,203           | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 16,367,404                                       | 2,203  |
| P4 Production LLC                                       | 0  | 0                                | 0                      | 0               | 0   | 36   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 4,696   | 0              | 0               | 4,722     | 16,157,407                                       | 4,722  |
| Buick Mine/Mill   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 15,921,688                                       |  |
| Cytec Industries Inc Fortier Plant                      | 0  | 0                                | 28                     | 28              | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 2              | 0               | 30        | 15,612,001                                       |  |
| Nyrstar Clarksville Inc                                 | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 15,065,136                                       |  |
| Colstrip Steam Electric Station                         | 0  | 1,254                            | 2                      | 1,256           | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 505,870                                       | 257            | 0               | 506,127   | 13,916,204                                       |  |
| DuPont Johnsonville Plant                               | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 13,702,424                                       |  |
| USS Gary Works  | 270  | 0                                | 4,505                  | 4,775           | 0   | 457,787  | 5  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 12,115  | 0              | 0               | 469,908   | 474,683  | 13,065,136   |
| US Army Radford Army Ammunition Plant                   | 0  | 23,800                           | 4,089                  | 27,889          | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 1,984   | 13,186         | 1,200           | 16,369    | 44,258   | 12,517,960   |
| Tronox LLC  | 0  | 0                                | 0                      | 0               | 0   | 36   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 11,401,565                                       |  |
| ArcelorMittal USA LLC                                   | 0  | 0                                | 10,738,531             | 10,738,531      | 1,624                                     | 289,597  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 291,221   | 11,029,752                                       | 11,273,368   |
| Peoria Disposal Co #1                                   | 0  | 0                                | 11,090,084             | 11,090,084      | 0   | 0  | 0  | 113                     | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 113       | 11,090,197                                       | 11,151,233   |
| US TVA Johnsonville Fossil Plant                        | 0  | 20                               | 0                      | 20              | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 7,271,304                  | 0                                | 0   | 0              | 0               | 7,271,304 | 7,271,324  | 10,548,201   |
| Ruby Hill Mine  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 10,291,679                                       |  |
| US Steel Corp Great Lakes Works                         | 0  | 0                                | 9,217,294              | 9,217,294       | 0   | 651,670  | 0  | 56                      | 0   | 0                                 | 0                     | 0                          | 0                                | 2,566   | 0              | 0               | 654,292   | 10,198,270                                       |  |
| Ineos USA LLC   | 0  | 38                               | 921                    | 959             | 0   | 71   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 71        | 1,030  | 10,044,541   |
| US TVA Paradise Fossil Plant                            | 0  | 90                               | 0                      | 90              | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 90        | 10,010,307                                       |  |
| Nucor Steel Tuscaloosa Inc                              | 0  | 21,599                           | 469,300                | 490,899         | 0   | 9,329,669  | 0  | 124                     | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 9,329,793 | 9,820,693  | 9,820,693  |
| Detroit Edison Monroe Power Plant                       | 0  | 0                                | 34,708                 | 34,708          | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 21              | 21        | 34,729   | 9,621,827  |
| Vickrey Environmental Inc                               | 0  | 12,514                           | 0                      | 12,514          | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 1,184   | 0              | 0               | 1,184     | 13,698   | 9,588,410  |
| USS Mon Valley Works - Edgar Thomson Plant              | 0  | 0                                | 9,287,190              | 9,287,190       | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 3   | 149            | 0               | 152       | 9,287,342  | 9,500,110  |
| Brushy Creek Mine/Mill                                  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 9,264,151  |  |
| Clean Harbors Lone Mountain LLC Lone Mountain Facility  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 9,011,814  |  |
| Clean Harbors Buttonwillow LLC                          | 0  | 0                                | 0                      | 0               | 0   | 49,256   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 49,267    | 9,009,522  |  |
| Severstal Dearborn LLC                                  | 0  | 28                               | 8,289,183              | 8,289,211       | 0   | 199,396  | 3,129  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 202,526   | 8,491,736  | 8,573,618  |
| Angus Chemical Co                                       | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 2,475   | 1,815          | 0               | 4,290     | 8,567,054  |  |
| US Ecology Idaho Inc                                    | 0  | 0                                | 214                    | 214             | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 214  | 8,559,037  |
| Chemical Waste Management of the Northwest Inc          | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 324   | 0              | 0               | 324       | 8,290,413  |  |
| North American Stainless                                | 0  | 4,519,255                        | 404,820                | 4,924,074       | 0   | 0  | 0  | 0                       | 0   | 112,323                           | 0                     | 0                          | 0                                | 0   | 0              | 0               | 112,323   | 6,262,274  | 5,036,397  |
| Koch Nitrogen Co LLC                                    | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0         | 7,951,525  |  |
| Weychem US Inc  | 0  | 0                                | 0                      | 0               | 0   | 7,779,362  | 1,860  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 4,310           | 7,785,532 | 7,785,532  |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M60), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M64, M61), and from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2010

|  |                  |       |            |                    | On-site Disposal to Class I Underground Injection Wells, RCRA |                                  |                                |                 |  |                                   |                                 |                         |                       |                     |                             |                       |                                   |                            | On-site Disposal or Other Releases |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|------------------|-------|------------|--------------------|---|----------------------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|---------------------|-----------------------------|-----------------------|-----------------------------------|----------------------------|------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  |                  |       |            |                    |   |                                  |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |                     |                             |                       |                                   |                            |                                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Facility   | City             | State | NAICS Code | Total Forms Number | Class I Wells Pounds  | RCRA Subtitle C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | RCRA Subtitle C     |                             |                       | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds                    | Total On-site Disposal or Other Releases Pounds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                  |       |            |                    |   |                                  |                                |                 |  |                                   |                                 |                         |                       | Impoundments Pounds | Surface Impoundments Pounds | Other Releases Pounds |                                   |                            |                                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Red Dog Operations                                     | Kotzebue         | AK    | 2122       | 14                 | 0   | 0                                | 0                              | 0               | 229,100                                  | 811                               | 8,430                           | 0                       | 0                     | 0                   | 0                           | 0                     | 301,960,916                       | 475,196,396                | 777,395,653                        | 777,395,653                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Newmont Mining Corp Copper Canyon Facility             | Battle Mountain  | NV    | 2122       | 12                 | 0   | 0                                | 27                             | 27              | 6,484                                    | 521                               | 0                               | 0                       | 0                     | 0                   | 0                           | 0                     | 68,087,202                        | 140,032,023                | 208,126,230                        | 208,126,230                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Newmont Mining Corp Twin Creeks Mine                   | Golconda         | NV    | 2122       | 21                 | 0   | 0                                | 1,917                          | 1,917           | 27,175                                   | 99,815                            | 173                             | 0                       | 0                     | 0                   | 0                           | 0                     | 49,765,470                        | 119,280,909                | 169,173,542                        | 169,175,459                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kennecott Utah Copper Mine Concentrators & Power Plant | Bingham Canyon   | UT    | 2122       | 20                 | 0   | 0                                | 87,689                         | 87,689          | 4,967                                    | 8,095                             | 5,092                           | 0                       | 3,003                 | 0                   | 0                           | 0                     | 102,335,150                       | 58,377,290                 | 160,733,595                        | 160,821,285                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hecia Greens Creek Mining Co                           | Juneau           | AK    | 2122       | 9                  | 0   | 0                                | 0                              | 0               | 619                                      | 19,519                            | 175                             | 27,452,849              | 0                     | 0                   | 0                           | 0                     | 0                                 | 19,712,306                 | 47,185,468                         | 47,185,468                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ASARCO LLC Ray Complex Hayden Smelter & Concentrator   | Hayden           | AZ    | 331        | 16                 | 0   | 0                                | 0                              | 0               | 98,640                                   | 224,347                           | 0                               | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 30,715,654                 | 31,038,641                         | 31,038,641                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Barrick Goldstrike Mines Inc                           | Elko             | NV    | 2122       | 26                 | 0   | 0                                | 6,669                          | 6,669           | 308,091                                  | 17,092                            | 0                               | 0                       | 0                     | 0                   | 0                           | 0                     | 23,472,454                        | 5,456,564                  | 29,254,201                         | 29,260,870                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Freemont-McMoran Miami Inc                             | Claypool         | AZ    | 2122       | 19                 | 0   | 0                                | 0                              | 0               | 263,250                                  | 158,241                           | 1,277                           | 0                       | 0                     | 0                   | 0                           | 0                     | 213,550                           | 23,988,810                 | 24,625,127                         | 24,625,127                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AK Steel Corp (Rockport Works )                        | Rockport         | IN    | 331        | 9                  | 0   | 0                                | 0                              | 0               | 0  | 12,821                            | 24,305,396                      | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 0                          | 24,318,217                         | 24,318,217                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cortez Gold Mines                                      | Crescent Valley  | NV    | 2122       | 13                 | 0   | 0                                | 1,384                          | 1,384           | 18,308                                   | 130                               | 0                               | 0                       | 0                     | 0                   | 0                           | 0                     | 14,709,128                        | 9,579,777                  | 24,307,343                         | 24,308,727                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kennecott Utah Copper Smelter & Refinery               | Magna            | UT    | 331        | 21                 | 0   | 0                                | 675,344                        | 675,344         | 6,547                                    | 100,226                           | 5,528                           | 0                       | 30                    | 0                   | 0                           | 0                     | 23,189,833                        | 4,303                      | 23,306,467                         | 23,981,811                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hecia Ltd Lucky Friday Mine Unit                       | Mullan           | ID    | 2122       | 11                 | 0   | 0                                | 0                              | 0               | 44                                       | 109                               | 933                             | 0                       | 0                     | 0                   | 0                           | 0                     | 8,007,567                         | 11,778,320                 | 19,786,973                         | 19,786,973                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Montana Resources LLP                                  | Butte            | MT    | 2122       | 11                 | 0   | 0                                | 0                              | 0               | 250                                      | 0                                 | 0                               | 0                       | 0                     | 0                   | 0                           | 0                     | 4,554,405                         | 14,339,361                 | 18,894,016                         | 18,894,016                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Newmont Mining Corp - Carlin South Area                | Carlin           | NV    | 2122       | 22                 | 0   | 0                                | 731                            | 731             | 28,096                                   | 2,352                             | 5                               | 0                       | 17                    | 0                   | 0                           | 0                     | 15,458,800                        | 865,200                    | 16,354,469                         | 16,355,200                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P4 Production LLC                                      | Soda Springs     | ID    | 325        | 17                 | 0   | 0                                | 0                              | 0               | 14,659                                   | 224,819                           | 1,389                           | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 15,911,818                 | 16,152,685                         | 16,152,685                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Buick Mine/Mill  | Boss             | MO    | 2122       | 4                  | 0   | 0                                | 0                              | 0               | 11,689                                   | 285                               | 27,334                          | 0                       | 0                     | 0                   | 0                           | 0                     | 15,795,960                        | 86,420                     | 15,921,688                         | 15,921,688                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nyrstar Clarksville Inc                                | Clarksville      | TN    | 2122       | 10                 | 0   | 0                                | 0                              | 0               | 707                                      | 247,063                           | 47,873                          | 0                       | 0                     | 0                   | 0                           | 0                     | 14,769,493                        | 0                          | 15,065,136                         | 15,065,136                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| US Army Radford Army Ammunition Plant                  | Radford          | VA    | ZZZ        | 14                 | 0   | 0                                | 0                              | 0               | 28,720                                   | 437,539                           | 12,006,602                      | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 840                        | 12,473,701                         | 12,473,701                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tronox LLC   | Hamilton         | MS    | 325        | 16                 | 0   | 0                                | 0                              | 0               | 31,870                                   | 220,568                           | 178,152                         | 0                       | 0                     | 0                   | 27,843                      | 10,943,134            | 0                                 | 11,401,565                 | 11,401,565                         |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| US TVA Johnsonville Fossil Plant                       | New Johnsonville | TN    | 2211       | 17                 | 0   | 0                                | 0                              | 0               | 20,812                                   | 3,230,218                         | 25,846                          | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 1                          | 3,276,877                          | 3,276,877                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ruby Hill Mine   | Eureka           | NV    | 2122       | 6                  | 0   | 0                                | 0                              | 0               | 691                                      | 117                               | 0                               | 0                       | 0                     | 0                   | 0                           | 0                     | 7                                 | 10,290,864                 | 10,291,679                         | 10,291,679                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| US TVA Paradise Fossil Plant                           | Drakesboro       | KY    | 2211       | 23                 | 0   | 0                                | 0                              | 0               | 46,187                                   | 7,823,176                         | 376,465                         | 0                       | 0                     | 0                   | 0                           | 1,764,386             | 3                                 | 10,010,218                 | 10,010,218                         |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Detroit Edison Monroe Power Plant                      | Monroe           | MI    | 2211       | 21                 | 0   | 0                                | 0                              | 0               | 22,103                                   | 5,442,703                         | 28,782                          | 0                       | 0                     | 0                   | 0                           | 4,093,510             | 0                                 | 9,587,099                  | 9,587,099                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nucor Steel Tuscaloosa Inc                             | Tuscaloosa       | AL    | 331        | 9                  | 0   | 0                                | 0                              | 0               | 502                                      | 9,906                             | 903                             | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 0                          | 11,310                             | 11,310  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brushy Creek Mine/Mill                                 | Boss             | MO    | 2122       | 3                  | 0   | 0                                | 0                              | 0               | 2,719                                    | 0                                 | 7,632                           | 0                       | 0                     | 0                   | 0                           | 9,253,800             | 0                                 | 9,264,151                  | 9,264,151                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Koch Nitrogen Co LLC                                   | Enid             | OK    | 325        | 11                 | 0   | 0                                | 0                              | 0               | 131,260                                  | 7,024,750                         | 795,510                         | 0                       | 0                     | 0                   | 0                           | 0                     | 5                                 | 7,951,525                  | 7,951,525                          | 7,951,525                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Waychem US Inc   | Elgin            | SC    | 325        | 27                 | 0   | 0                                | 0                              | 0               | 58,971                                   | 52,252                            | 1,105                           | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 0                          | 112,328                            | 112,328   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fletcher Mine/Mill                                     | Centerville      | MO    | 2122       | 3                  | 0   | 0                                | 0                              | 0               | 3,582                                    | 99                                | 6,096                           | 0                       | 0                     | 0                   | 0                           | 7,833,200             | 0                                 | 7,842,977                  | 7,842,977                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pogo Mine  | Delta Junction   | AK    | 2122       | 21                 | 0   | 0                                | 0                              | 0               | 4,158                                    | 128                               | 180,240                         | 0                       | 0                     | 0                   | 0                           | 7,586,270             | 7,770,796                         | 7,770,796                  | 7,770,796                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CF Industries Inc                                      | Donaldsonville   | LA    | 325        | 10                 | 0   | 0                                | 0                              | 0               | 359,785                                  | 5,925,784                         | 1,415,463                       | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 0                          | 7,701,032                          | 7,701,032                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Doe Run Co Herculaneum Smelter                         | Herculaneum      | MO    | 331        | 10                 | 0   | 0                                | 0                              | 0               | 968                                      | 34,086                            | 610                             | 0                       | 0                     | 0                   | 0                           | 7,438,471             | 7,474,135                         | 7,474,135                  | 7,474,135                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Electric Power Muskingum River Plant          | Beverly          | OH    | 2211       | 18                 | 0   | 0                                | 0                              | 0               | 310                                      | 6,540,078                         | 8,400                           | 0                       | 0                     | 0                   | 0                           | 787,044               | 45                                | 7,335,877                  | 7,335,877                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Electric Power Big Sandy Plant                | Louisa           | KY    | 2211       | 18                 | 0   | 0                                | 0                              | 0               | 1,030                                    | 5,817,293                         | 8,862                           | 0                       | 122,402               | 0                   | 0                           | 848,616               | 45                                | 6,798,248                  | 6,798,248                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Keystone Power Plant                                   | Sheloceta        | PA    | 2211       | 17                 | 0   | 0                                | 863,575                        | 863,575         | 119                                      | 6,775,964                         | 18,564                          | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 6,794,646                  | 7,658,222                          | 7,658,222                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Erne Homer City Generation LP                          | Homer City       | PA    | 2211       | 22                 | 0   | 0                                | 869,484                        | 869,484         | 56                                       | 6,538,400                         | 67,799                          | 0                       | 0                     | 0                   | 0                           | 483                   | 6,606,738                         | 7,476,222                  | 7,476,222                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| US Silver - Idaho Inc                                  | Wallace          | ID    | 2122       | 7                  | 0   | 0                                | 0                              | 0               | 268                                      | 0                                 | 79                              | 0                       | 0                     | 2,176,306           | 0                           | 4,342,900             | 6,519,554                         | 6,519,554                  | 6,519,554                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Branch Steam Electric Generating Plant                 | Milledgeville    | GA    | 2211       | 17                 | 0   | 0                                | 0                              | 0               | 0  | 4,732,772                         | 9,282                           | 0                       | 0                     | 0                   | 0                           | 1,395,039             | 0                                 | 6,137,092                  | 6,137,092                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kentucky Utilities Co Ghent Station                    | Ghent            | KY    | 2211       | 21                 | 0   | 0                                | 0                              | 0               | 5,588                                    | 3,271,775                         | 67,410                          | 0                       | 0                     | 0                   | 0                           | 2,646,452             | 0                                 | 5,991,225                  | 5,991,225                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Scherer Steam Electric Generating Plant                | Juliette         | GA    | 2211       | 20                 | 0   | 0                                | 0                              | 0               | 36,000                                   | 849,066                           | 23,364                          | 0                       | 0                     | 0                   | 0                           | 5,023,507             | 0                                 | 5,931,937                  | 5,931,937                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DSM Chemicals North America Inc                        | Augusta          | GA    | 325        | 14                 | 0   | 0                                | 0                              | 0               | 267,596                                  | 1,044,542                         | 4,527,472                       | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 0                          | 5,839,610                          | 5,839,610                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Miller Steam Plant                                     | Quinton          | AL    | 2211       | 21                 | 0   | 0                                | 0                              | 0               | 25,367                                   | 524,444                           | 7,840                           | 0                       | 0                     | 0                   | 0                           | 5,205,431             | 0                                 | 5,763,082                  | 5,763,082                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Big Rivers Electric Corp Reid/Green/HMP&L Station II   | Robards          | KY    | 2211       | 17                 | 0   | 0                                | 224,656                        | 224,656         | 5  | 4,498,490                         | 5,976                           | 0                       | 0                     | 0                   | 0                           | 1,131,240             | 0                                 | 5,635,712                  | 5,860,367                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DuPont Chambers Works                                  | Deepwater        | NJ    | 325        | 63                 | 0   | 91,765                           | 179,989                        | 271,754         | 1,255                                    | 86,419                            | 5,354,113                       | 0                       | 0                     | 0                   | 0                           | 0                     | 2,473                             | 5,444,260                  | 5,716,014                          | 5,716,014                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AK Steel Corp Coshocton Works                          | Coshocton        | OH    | 331        | 8                  | 0   | 0                                | 0                              | 0               | 511                                      | 22,050                            | 5,500,750                       | 0                       | 0                     | 0                   | 0                           | 0                     | 0                                 | 0                          | 5,523,311                          | 5,523,311                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Electric Power Cardinal Plant                 | Brilliant        | OH    | 2211       | 19                 | 0   | 0                                | 48,577                         | 48,577          | 800                                      | 3,786,715                         | 10,986                          | 0                       | 179,964               | 0                   | 0                           | 1,510,476             | 50                                | 5,488,991                  | 5,537,568                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Louisville Gas & Electric Co - Mill Creek Station      | Louisville       | KY    | 2211       | 19                 | 0   | 1,010,231                        | 1,010,231                      | 0               | 2,316                                    | 5,109,772                         | 23,548                          | 0                       | 0                     | 0                   | 0                           | 341,476               | 0                                 | 5,477,112                  | 6,487,343                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bowen Steam Electric Generating Plant                  | Cartersville     | GA    | 2211       | 20                 | 0   | 0                                | 0                              | 0               | 56,000                                   | 1,371,637                         | 28,540                          | 0                       | 0                     | 0                   | 0                           | 4,016,417             | 0                                 | 5,472,594                  | 5,472,594                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| US Magnesium LLC                                       | Rowley           | UT    | 331        | 8                  | 0   | 0                                | 0                              | 0               | 151,605                                  | 5,302,957                         | 0                               | 0                       | 0                     | 0                   | 0                           | 1,844                 | 0                                 | 5,456,406                  | 5,456,406                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Big Cajun 2  | New Roads        | LA    | 2211       | 18                 | 0   | 0                                | 0                              | 0               | 1,024                                    | 761,395                           | 530                             | 0                       | 0                     | 0                   | 0                           | 3,236,897             | 0                                 | 3,999,846                  | 3,999,846                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IPL Petersburg   | Petersburg       | IN    | 2211       | 20                 | 0   | 14,653                           | 14,653                         | 0               | 2,427                                    | 3,809,507                         | 398                             | 0                       | 0                     | 0                   | 0                           | 224,315               | 0                                 | 4,036,646                  | 4,051,299                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2010

| Facility   | Off-site Disposal or Other Releases                |                                  |                        |                 |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |  |  | Total Disposal or Other Releases not including Class I |
|--|--|----------------------------------|------------------------|-----------------|--|--|-------------------------|---|-----------------------------------|-----------------------|----------------------------|----------------------------------|---|----------------|-----------------|--|--|--|
|  | Off-site Disposal to Class I Underground Injection |                                  |                        |                 | Other Off-site Disposal or Other Releases  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |  |  | Total Disposal or Other Releases not including Class I |
|  | Class I Wells Pounds                               | RCRA Subtitle C Landfills Pounds | Other Landfills Pounds | Subtotal Pounds | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds | Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds | Class II-V Wells Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Land Treatment Pounds | Other Land Disposal Pounds | Other Off-site Management Pounds | Transfers to Waste Broker for Disposal Pounds | Unknown Pounds | Subtotal Pounds | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |  |
| Red Dog Operations                                     | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 19             | 19              | 19   | 777,395,672  | 777,395,672  |
| Newmont Mining Corp Copper Canyon Facility             | 0  | 964                              | 0                      | 964             | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 964  | 208,126,230  | 208,126,230  |
| Newmont Mining Corp Twin Creeks Mine                   | 0  | 1                                | 0                      | 1               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1  | 169,173,460  | 169,173,460  |
| Kennecott Utah Copper Mine Concentrators & Power Plant | 0  | 0                                | 0                      | 0               | 17,168   | 0  | 0                       | 0   | 0                                 | 0                     | 11                         | 0                                | 3,090   | 0              | 20,269          | 20,269   | 160,841,553  | 160,753,864  |
| Hecia Greens Creek Mining Co                           | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 47,185,468   | 47,185,468   |
| ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator  | 0  | 238                              | 0                      | 238             | 0  | 0  | 12                      | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 12              | 250  | 31,038,891   | 31,038,891   |
| Barrick Goldstrike Mines Inc                           | 0  | 671                              | 0                      | 671             | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 671  | 29,261,541   | 29,261,541   |
| Fresport-McMoran Miami Inc                             | 0  | 0                                | 0                      | 0               | 294  | 5  | 5,717                   | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 1,520          | 770,186         | 770,186  | 25,385,313   | 25,385,313   |
| AK Steel Corp (Rockport Works )                        | 0  | 0                                | 962,826                | 962,826         | 13,014   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 13,014          | 975,840  | 25,294,057   | 24,331,231   |
| Cortez Gold Mines                                      | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 5                     | 0                          | 1                                | 0   | 0              | 6               | 6  | 24,308,733   | 24,307,349   |
| Kennecott Utah Copper Smelter & Refinery               | 0  | 0                                | 1,146                  | 1,146           | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 54                         | 0                                | 10,512  | 0              | 10,566          | 11,711   | 23,993,522   | 23,317,032   |
| Hecia Ltd Lucky Friday Mine Unit                       | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 19,786,973   | 19,786,973   |
| Montana Resources LLP                                  | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 18,694,016   | 18,694,016   |
| Newmont Mining Corp - Carlin South Area                | 0  | 2,203                            | 0                      | 2,203           | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,203  | 16,357,404   | 16,357,404   |
| P4 Production LLC                                      | 0  | 0                                | 0                      | 0               | 36   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 4,686                            | 0   | 0              | 4,722           | 4,722  | 16,157,407   | 16,157,407   |
| Bulck Mine/Mill  | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 15,921,688   | 15,921,688   |
| Nyrstar Clarksville Inc                                | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 15,065,136   | 15,065,136   |
| US Army Radford Army Ammunition Plant                  | 0  | 23,800                           | 4,089                  | 27,889          | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 1,984                            | 13,185  | 1,200          | 16,369          | 44,258   | 12,517,960   | 12,490,071   |
| Tronox LLC   | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 11,401,565   | 11,401,565   |
| US TVA Johnsonville Fossil Plant                       | 0  | 20                               | 0                      | 20              | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 7,271,304                  | 0                                | 0   | 0              | 7,271,304       | 7,271,324  | 10,548,201   | 10,548,181   |
| Ruby Hill Mine   | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 10,291,679   | 10,291,679   |
| US TVA Paradise Fossil Plant                           | 0  | 90                               | 0                      | 90              | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 90   | 10,010,307   | 10,010,218   |
| Detroit Edison Monroe Power Plant                      | 0  | 0                                | 34,708                 | 34,708          | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 21  | 0              | 21              | 34,729   | 9,621,827  | 9,587,120  |
| Nucor Steel Tuscaloosa Inc                             | 0  | 21,599                           | 469,300                | 490,899         | 9,329,669  | 124  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 9,329,793       | 9,820,693  | 9,832,003  | 9,341,104  |
| Brushy Creek Mine/Mill                                 | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 9,264,151  | 9,264,151  |
| Koch Nitrogen Co LLC                                   | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 7,951,525  | 7,951,525  |
| Weyerchem US Inc                                       | 0  | 0                                | 0                      | 0               | 7,779,362  | 1,860  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 4,310          | 7,785,532       | 7,785,532  | 7,897,860  | 7,897,860  |
| Fletcher Mine/Mill                                     | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 7,842,977  | 7,842,977  |
| Pogo Mine  | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 80                               | 0   | 0              | 80              | 80   | 7,770,876  | 7,770,876  |
| CF Industries Inc                                      | 0  | 0                                | 15,233                 | 15,233          | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 9                                | 0   | 0              | 9               | 15,242   | 7,716,274  | 7,701,041  |
| Doe Run Co Herculaneum Smelter                         | 0  | 0                                | 0                      | 0               | 271  | 1,221  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 1,492           | 1,492  | 7,475,627  | 7,475,627  |
| American Electric Power Muskingum River Plant          | 0  | 0                                | 10,955                 | 10,955          | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 10,955   | 7,346,881  | 7,335,877  |
| American Electric Power Big Sandy Plant                | 0  | 0                                | 2,304                  | 2,304           | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,304  | 6,800,552  | 6,798,248  |
| Keystone Power Plant                                   | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 7,658,222  | 7,694,646  |
| Erne Homer City Generation LP                          | 0  | 0                                | 0                      | 0               | 3  | 0  | 0                       | 0   | 0                                 | 0                     | 14,019                     | 0                                | 114   | 0              | 14,136          | 14,136   | 7,490,358  | 6,620,874  |
| US Silver - Idaho Inc                                  | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 6,519,554  | 6,519,554  |
| Branch Steam Electric Generating Plant                 | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 6,137,092  | 6,137,092  |
| Kentucky Utilities Co Ghent Station                    | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 5,991,225  | 5,991,225  |
| Scherer Steam Electric Generating Plant                | 0  | 0                                | 4,131                  | 4,131           | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 4,134  | 5,936,071  | 5,931,940  |
| DSM Chemicals North America Inc                        | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 10,715                | 0                          | 0                                | 0   | 0              | 10,715          | 10,715   | 5,850,325  | 5,850,325  |
| Miller Steam Plant                                     | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 5,763,082  | 5,763,082  |
| Big Rivers Electric Corp Reid/Green/HMP&L Station II   | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 5,860,367  | 5,635,712  |
| DuPont Chambers Works                                  | 0  | 36                               | 10,437                 | 10,473          | 0  | 0  | 0                       | 0   | 0                                 | 1,709                 | 0                          | 160,597                          | 0   | 0              | 162,306         | 172,779  | 5,888,793  | 5,606,566  |
| AK Steel Corp Coshocton Works                          | 0  | 0                                | 329,529                | 329,529         | 505  | 750  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 1,025   | 0              | 2,280           | 331,809  | 5,855,120  | 5,525,591  |
| American Electric Power Cardinal Plant                 | 0  | 0                                | 8,366                  | 8,366           | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 8,366  | 5,545,934  | 5,488,991  |
| Louisville Gas & Electric Co - Mill Creek Station      | 0  | 0                                | 0                      | 0               | 37   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 37              | 37   | 6,487,380  | 5,477,149  |
| Bowen Steam Electric Generating Plant                  | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 3                                 | 0                     | 0                          | 0                                | 0   | 0              | 4               | 4  | 5,472,597  | 5,472,597  |
| US Magnesium LLC                                       | 0  | 0                                | 0                      | 0               | 22   | 1  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 22              | 22   | 5,456,428  | 5,456,428  |
| Big Cajun 2  | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 1,061,536                        | 0   | 0              | 1,061,536       | 1,061,536  | 5,061,382  | 5,061,382  |
| IPL Petersburg   | 0  | 0                                | 0                      | 0               | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 1,008,351                  | 0                                | 0   | 0              | 1,008,351       | 1,008,351  | 5,059,650  | 5,044,997  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2010

|  |                  |       |            |                    | On-site Disposal or Other Releases                            |                                  |                                |                 |  |                                   |                                 |                         |                       |                             |                                   |                            |                 |                       |  |
|--|------------------|-------|------------|--------------------|---|----------------------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|-----------------------------|-----------------------------------|----------------------------|-----------------|-----------------------|--|
|  |                  |       |            |                    | On-site Disposal to Class I Underground Injection Wells, RCRA |                                  |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |                             |                                   |                            |                 |                       |  |
|  |                  |       |            |                    |   |                                  |                                |                 | RCRA Subtitle C                          |                                   |                                 |                         |                       |                             |                                   |                            |                 |                       |  |
| Facility   | City             | State | NAICS Code | Total Forms Number | Class I Wells Pounds  | RCRA Subtitle C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds | Other Releases Pounds |  |
| Red Dog Operations                                     | Kotzebue         | AK    | 2122       | 14                 | 0   | 0                                | 0                              | 0               | 229,100                                  | 811                               | 8,430                           | 0                       | 0                     | 0                           | 301,960,916                       | 475,196,396                | 777,395,653     | 777,395,653           |  |
| Newmont Mining Corp Copper Canyon Facility             | Battle Mountain  | NV    | 2122       | 12                 | 0   | 0                                | 27                             | 27              | 6,484                                    | 521                               | 0                               | 0                       | 0                     | 0                           | 68,087,202                        | 140,032,023                | 208,126,230     | 208,126,257           |  |
| Newmont Mining Corp Twin Creeks Mine                   | Golconda         | NV    | 2122       | 21                 | 0   | 0                                | 1,917                          | 1,917           | 27,175                                   | 99,815                            | 173                             | 0                       | 0                     | 0                           | 49,765,470                        | 119,280,909                | 169,173,542     | 169,175,459           |  |
| Kennecott Utah Copper Mine Concentrators & Power Plant | Bingham Canyon   | UT    | 2122       | 20                 | 0   | 0                                | 87,689                         | 87,689          | 4,967                                    | 8,095                             | 5,092                           | 0                       | 3,003                 | 0                           | 102,335,150                       | 58,377,290                 | 160,733,595     | 160,821,285           |  |
| Hcla Greens Creek Mining Co                            | Juneau           | AK    | 2122       | 9                  | 0   | 0                                | 0                              | 0               | 619                                      | 19,519                            | 175                             | 27,452,849              | 0                     | 0                           | 0                                 | 19,712,306                 | 47,185,468      | 47,185,468            |  |
| ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator  | Hayden           | AZ    | 331        | 16                 | 0   | 0                                | 0                              | 0               | 98,640                                   | 224,347                           | 0                               | 0                       | 0                     | 0                           | 0                                 | 30,715,654                 | 31,038,641      | 31,038,641            |  |
| Barrick Goldstrike Mines Inc                           | Elko             | NV    | 2122       | 26                 | 0   | 0                                | 6,669                          | 6,669           | 308,091                                  | 17,092                            | 0                               | 0                       | 0                     | 0                           | 23,472,454                        | 5,456,564                  | 29,254,201      | 29,260,870            |  |
| Freeport-McMoran Miami Inc                             | Claypool         | AZ    | 2122       | 19                 | 0   | 0                                | 0                              | 0               | 263,250                                  | 158,241                           | 1,277                           | 0                       | 0                     | 0                           | 213,550                           | 23,988,810                 | 24,625,127      | 24,625,127            |  |
| AK Steel Corp (Rockport Works )                        | Rockport         | IN    | 331        | 9                  | 0   | 0                                | 0                              | 0               | 0  | 12,821                            | 24,305,396                      | 0                       | 0                     | 0                           | 0                                 | 0                          | 24,318,217      | 24,318,217            |  |
| Cortez Gold Mines                                      | Crescent Valley  | NV    | 2122       | 13                 | 0   | 1,384                            | 1,384                          | 1,384           | 18,308                                   | 130                               | 0                               | 0                       | 0                     | 0                           | 14,708,128                        | 9,579,777                  | 24,307,343      | 24,308,727            |  |
| Kennecott Utah Copper Smelter & Refinery               | Magna            | UT    | 331        | 21                 | 0   | 675,344                          | 675,344                        | 675,344         | 6,547                                    | 100,226                           | 5,528                           | 0                       | 30                    | 0                           | 23,189,833                        | 4,303                      | 23,306,467      | 23,981,811            |  |
| Hcla Ltd Lucky Friday Mine Unit                        | Mullan           | ID    | 2122       | 11                 | 0   | 0                                | 0                              | 0               | 44                                       | 109                               | 933                             | 0                       | 0                     | 0                           | 8,007,567                         | 11,778,320                 | 19,786,973      | 19,786,973            |  |
| Montana Resources LLP                                  | Butte            | MT    | 2122       | 11                 | 0   | 0                                | 0                              | 0               | 250                                      | 0                                 | 0                               | 0                       | 0                     | 0                           | 4,554,405                         | 14,339,361                 | 18,894,016      | 18,894,016            |  |
| Horsehead Corp Monaca Smelter                          | Monaca           | PA    | 331        | 14                 | 0   | 0                                | 0                              | 0               | 8,770                                    | 548,341                           | 2,628                           | 0                       | 0                     | 0                           | 0                                 | 0                          | 559,739         | 559,739               |  |
| Newmont Mining Corp - Carlin South Area                | Carlin           | NV    | 2122       | 22                 | 0   | 0                                | 731                            | 731             | 28,096                                   | 2,352                             | 5                               | 0                       | 17                    | 0                           | 15,458,800                        | 865,200                    | 16,354,469      | 16,355,200            |  |
| P4 Production LLC                                      | Soda Springs     | ID    | 325        | 17                 | 0   | 0                                | 0                              | 0               | 14,659                                   | 224,819                           | 1,389                           | 0                       | 0                     | 0                           | 0                                 | 15,911,818                 | 16,152,685      | 16,152,685            |  |
| Buck Mine/Mill   | Boss             | MO    | 2122       | 4                  | 0   | 0                                | 0                              | 0               | 11,689                                   | 285                               | 27,334                          | 0                       | 0                     | 0                           | 15,795,960                        | 86,420                     | 15,921,688      | 15,921,688            |  |
| Nyrstar Clarksville Inc                                | Clarksville      | TN    | 2122       | 10                 | 0   | 0                                | 0                              | 0               | 707                                      | 247,063                           | 47,873                          | 0                       | 0                     | 0                           | 14,769,493                        | 0                          | 15,065,136      | 15,065,136            |  |
| Colstrip Steam Electric Station                        | Colstrip         | MT    | 2211       | 26                 | 0   | 0                                | 13,009,010                     | 13,009,010      | 251                                      | 399,560                           | 0                               | 0                       | 0                     | 0                           | 0                                 | 0                          | 399,811         | 13,408,821            |  |
| DuPont Johnsonville Plant                              | New Johnsonville | TN    | 325        | 21                 | 0   | 0                                | 10,981,738                     | 10,981,738      | 3,811                                    | 2,714,582                         | 2,293                           | 0                       | 0                     | 0                           | 0                                 | 0                          | 2,720,686       | 13,702,424            |  |
| USS Gary Works   | Gary             | IN    | 331        | 46                 | 0   | 0                                | 9,985,766                      | 9,985,766       | 295,275                                  | 287,830                           | 2,021,582                       | 0                       | 0                     | 0                           | 0                                 | 0                          | 2,604,687       | 12,590,453            |  |
| US Army Radford Army Ammunition Plant                  | Radford          | VA    | 222        | 14                 | 0   | 0                                | 0                              | 0               | 28,720                                   | 437,539                           | 12,006,602                      | 0                       | 0                     | 0                           | 0                                 | 840                        | 12,473,701      | 12,473,701            |  |
| Tronox LLC   | Hamilton         | MS    | 325        | 16                 | 0   | 0                                | 0                              | 0               | 31,870                                   | 220,568                           | 178,152                         | 0                       | 0                     | 27,843                      | 10,943,134                        | 0                          | 11,401,565      | 11,401,565            |  |
| ArcelorMittal USA LLC                                  | East Chicago     | IN    | 331        | 24                 | 0   | 0                                | 0                              | 0               | 13,986                                   | 133,939                           | 95,691                          | 0                       | 0                     | 0                           | 0                                 | 0                          | 243,616         | 243,616               |  |
| Peoria Disposal Co #1                                  | Peoria           | IL    | 562        | 11                 | 0   | 55,975                           | 0                              | 55,975          | 5,055                                    | 0                                 | 6                               | 0                       | 0                     | 0                           | 0                                 | 0                          | 5,061           | 61,036                |  |
| US TVA Johnsonville Fossil Plant                       | New Johnsonville | TN    | 2211       | 17                 | 0   | 0                                | 0                              | 0               | 20,812                                   | 3,230,218                         | 25,846                          | 0                       | 0                     | 0                           | 0                                 | 1                          | 3,276,877       | 3,276,877             |  |
| Ruby Hill Mine   | Eureka           | NV    | 2122       | 6                  | 0   | 0                                | 0                              | 0               | 691                                      | 117                               | 0                               | 0                       | 0                     | 0                           | 7                                 | 10,290,864                 | 10,291,679      | 10,291,679            |  |
| US Steel Corp Great Lakes Works                        | Ecorse           | MI    | 331        | 23                 | 0   | 0                                | 0                              | 0               | 46,230                                   | 206,400                           | 74,054                          | 0                       | 0                     | 0                           | 0                                 | 0                          | 326,684         | 326,684               |  |
| US TVA Paradise Fossil Plant                           | Drakesboro       | KY    | 2211       | 23                 | 0   | 0                                | 0                              | 0               | 46,187                                   | 7,823,176                         | 376,465                         | 0                       | 0                     | 0                           | 1,764,386                         | 0                          | 10,010,218      | 10,010,218            |  |
| Nucor Steel Tuscaloosa Inc                             | Tuscaloosa       | AL    | 331        | 9                  | 0   | 0                                | 0                              | 0               | 502                                      | 9,906                             | 903                             | 0                       | 0                     | 0                           | 0                                 | 0                          | 11,310          | 11,310                |  |
| Detroit Edison Monroe Power Plant                      | Monroe           | MI    | 2211       | 21                 | 0   | 0                                | 0                              | 0               | 22,103                                   | 5,442,703                         | 28,782                          | 0                       | 0                     | 0                           | 4,093,510                         | 0                          | 9,587,099       | 9,587,099             |  |
| USS Mon Valley Works - Edgar Thomson Plant             | Braddock         | PA    | 331        | 15                 | 0   | 0                                | 0                              | 0               | 76,351                                   | 2,971                             | 133,446                         | 0                       | 0                     | 0                           | 0                                 | 0                          | 212,768         | 212,768               |  |
| Brushy Creek Mine/Mill                                 | Boss             | MO    | 2122       | 3                  | 0   | 0                                | 0                              | 0               | 2,719                                    | 0                                 | 7,632                           | 0                       | 0                     | 0                           | 9,253,800                         | 0                          | 9,264,151       | 9,264,151             |  |
| Severstal Dearborn LLC                                 | Dearborn         | MI    | 331        | 13                 | 0   | 0                                | 0                              | 0               | 1,542                                    | 77,637                            | 2,703                           | 0                       | 0                     | 0                           | 0                                 | 0                          | 81,882          | 81,882                |  |
| Koch Nitrogen Co LLC                                   | Enid             | OK    | 325        | 11                 | 0   | 0                                | 0                              | 0               | 131,280                                  | 7,024,750                         | 795,510                         | 0                       | 0                     | 0                           | 5                                 | 7,951,525                  | 7,951,525       | 7,951,525             |  |
| Weychem US Inc   | Elgin            | SC    | 325        | 27                 | 0   | 0                                | 0                              | 0               | 58,971                                   | 52,252                            | 1,105                           | 0                       | 0                     | 0                           | 0                                 | 0                          | 112,328         | 112,328               |  |
| Fletcher Mine/Mill                                     | Centerville      | MO    | 2122       | 3                  | 0   | 0                                | 0                              | 0               | 3,582                                    | 99                                | 6,096                           | 0                       | 0                     | 0                           | 7,833,200                         | 0                          | 7,842,977       | 7,842,977             |  |
| Pogo Mine  | Delta Junction   | AK    | 2122       | 21                 | 0   | 0                                | 0                              | 0               | 4,158                                    | 128                               | 180,240                         | 0                       | 0                     | 0                           | 0                                 | 7,586,270                  | 7,770,796       | 7,770,796             |  |
| CF Industries Inc                                      | Donaldsonville   | LA    | 325        | 10                 | 0   | 0                                | 0                              | 0               | 359,785                                  | 5,925,784                         | 1,415,463                       | 0                       | 0                     | 0                           | 0                                 | 0                          | 7,701,032       | 7,701,032             |  |
| Keystone Power Plant                                   | Sheloca          | PA    | 2211       | 17                 | 0   | 863,575                          | 863,575                        | 863,575         | 119                                      | 6,775,964                         | 18,564                          | 0                       | 0                     | 0                           | 0                                 | 0                          | 6,794,646       | 7,658,222             |  |
| Erne Homer City Generation LP                          | Homer City       | PA    | 2211       | 22                 | 0   | 869,484                          | 869,484                        | 869,484         | 56                                       | 6,538,400                         | 67,799                          | 0                       | 0                     | 0                           | 0                                 | 483                        | 6,606,738       | 7,476,222             |  |
| Doe Run Co Herculesum Smelter                          | Herculesum       | MO    | 331        | 10                 | 0   | 0                                | 0                              | 0               | 988                                      | 34,086                            | 610                             | 0                       | 0                     | 0                           | 0                                 | 7,438,471                  | 7,474,135       | 7,474,135             |  |
| International Paper Co - Mansfield Mill                | Mansfield        | LA    | 322        | 20                 | 0   | 3,223,725                        | 3,223,725                      | 3,223,725       | 866,286                                  | 3,196,370                         | 94,938                          | 0                       | 0                     | 0                           | 19,315                            | 0                          | 4,176,910       | 7,400,635             |  |
| American Electric Power Muskingum River Plant          | Beverly          | OH    | 2211       | 18                 | 0   | 0                                | 0                              | 0               | 310                                      | 6,540,078                         | 8,400                           | 0                       | 0                     | 0                           | 787,044                           | 45                         | 7,335,877       | 7,335,877             |  |
| US Steel Granite City Works                            | Granite City     | IL    | 331        | 34                 | 0   | 6,435,499                        | 6,435,499                      | 6,435,499       | 68,645                                   | 110,463                           | 619,864                         | 0                       | 0                     | 0                           | 101,262                           | 0                          | 900,234         | 7,335,733             |  |
| Xcel Energy Sherburne County Generating Plant          | Becker           | MN    | 2211       | 19                 | 0   | 2,655,051                        | 2,655,051                      | 2,655,051       | 1,242                                    | 126,073                           | 0                               | 0                       | 0                     | 0                           | 3,052,413                         | 1,180,318                  | 4,360,046       | 7,015,097             |  |
| Gibson Generating Station                              | Owensville       | IN    | 2211       | 22                 | 0   | 1,950,621                        | 1,950,621                      | 1,950,621       | 6,790                                    | 2,229,889                         | 0                               | 0                       | 0                     | 0                           | 2,156,229                         | 607,496                    | 5,000,404       | 6,951,025             |  |
| Harrison Power Station                                 | Haywood          | VA    | 2211       | 18                 | 0   | 2,068,590                        | 2,068,590                      | 2,068,590       | 7,232                                    | 4,847,426                         | 3,040                           | 0                       | 0                     | 0                           | 0                                 | 0                          | 4,857,698       | 6,926,288             |  |
| American Electric Power Big Sandy Plant                | Louisia          | KY    | 2211       | 18                 | 0   | 0                                | 0                              | 0               | 1,030                                    | 5,817,293                         | 8,862                           | 0                       | 122,402               | 0                           | 848,616                           | 45                         | 6,798,248       | 6,798,248             |  |
| Martin Lake Steam Electric Station & Lignite Mine      | Tatum            | TX    | 2211       | 19                 | 0   | 5,622,275                        | 5,622,275                      | 5,622,275       | 4  | 869,210                           | 3                               | 0                       | 0                     | 0                           | 0                                 | 0                          | 869,216         | 6,491,491             |  |

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M78), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M80), Transfers to Waste Broker - Disposal (M94, M91), and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2010

| Facility   | Off-site Disposal to Class I Underground Injection |                                  |                        |                 | Off-site Disposal or Other Releases |   |  |  |                         |   |                                  |                       |                            |                                  |   |                |                 | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds | Total Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments Pounds |
|--|--|----------------------------------|------------------------|-----------------|-------------------------------------|---|--|--|-------------------------|---|----------------------------------|-----------------------|----------------------------|----------------------------------|---|----------------|-----------------|--|--|---|
|  | Class I Wells Pounds                               | RCRA Subtitle C Landfills Pounds | Other Landfills Pounds | Subtotal Pounds | Storage Only Pounds                 | Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds | Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds | Class II-V Wells Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundment Pounds | Land Treatment Pounds | Other Land Disposal Pounds | Other Off-site Management Pounds | Transfers to Waste Broker for Disposal Pounds | Unknown Pounds | Subtotal Pounds |  |  |   |
|  |  |                                  |                        |                 |                                     |   |  |  |                         |   |                                  |                       |                            |                                  |   |                |                 |  |  |   |
| Red Dog Operations                                     | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 19              | 19   | 777,395,672  | 777,395,672   |
| Newmont Mining Corp Copper Canyon Facility             | 0  | 964                              | 0                      | 964             | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 964  | 208,127,221  | 208,126,257   |
| Newmont Mining Corp Twin Creeks Mine                   | 0  | 1                                | 0                      | 1               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1  | 169,175,460  | 169,175,459   |
| Kennecott Utah Copper Mine Concentrators & Power Plant | 0  | 0                                | 0                      | 0               | 0                                   | 17,168  | 0  | 0  | 0                       | 0   | 0                                | 0                     | 11                         | 0                                | 3,090   | 0              | 20,269          | 20,269   | 160,841,553  | 160,841,553   |
| Hedra Greens Creek Mining Co                           | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 47,185,468   | 47,185,468  |
| ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator  | 0  | 238                              | 0                      | 238             | 0                                   | 0   | 0  | 12   | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 12              | 250  | 31,038,891   | 31,038,635  |
| Barrick Goldstrike Mines Inc                           | 0  | 671                              | 0                      | 671             | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 671  | 29,261,541   | 29,260,870  |
| Freeport-McMoran Miami Inc                             | 0  | 0                                | 0                      | 0               | 0                                   | 294   | 5  | 5,717  | 0                       | 0   | 0                                | 0                     | 762,650                    | 0                                | 0   | 0              | 1,520           | 770,186  | 25,395,313   | 25,395,313  |
| AK Steel Corp (Rockport Works )                        | 0  | 0                                | 962,826                | 962,826         | 0                                   | 13,014  | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 975,840  | 25,294,057   | 25,294,057  |
| Cortez Gold Mines                                      | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 5                          | 0                                | 1   | 0              | 6               | 6  | 24,308,733   | 24,308,733  |
| Kennecott Utah Copper Smelter & Refinery               | 0  | 0                                | 1,146                  | 1,146           | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 54                         | 0                                | 10,512  | 0              | 10,566          | 23,993,522                                       | 23,993,522   |   |
| Hedra Ltd Lucky Friday Mine Unit                       | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 19,786,973                                       | 19,786,973   |   |
| Montana Resources LLP                                  | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 18,894,016                                       | 18,894,016   |   |
| Horsehead Corp Monaca Smelter                          | 0  | 0                                | 16,532,377             | 16,532,377      | 0                                   | 50,350  | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 57                               | 0   | 0              | 50,407          | 16,582,784                                       | 17,142,523   |   |
| Newmont Mining Corp - Carlin South Area                | 0  | 2,203                            | 0                      | 2,203           | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 2,203           | 16,357,404                                       | 16,355,201   |   |
| P4 Production LLC                                      | 0  | 0                                | 0                      | 0               | 0                                   | 36  | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 4,686   | 0              | 4,722           | 16,157,407                                       | 16,157,407   |   |
| Buck Mine/Mill   | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 15,921,688                                       | 15,921,688   |   |
| Nyrstar Clarksville Inc                                | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 15,065,136                                       | 15,065,136   |   |
| Colstrip Steam Electric Station                        | 0  | 1,254                            | 2                      | 1,256           | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 505,870                          | 257   | 0              | 506,127         | 507,383  | 13,916,204   |   |
| DuPont Johnsonville Plant                              | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 13,702,424                                       | 13,702,424   |   |
| USS Gary Works   | 270  | 0                                | 4,505                  | 4,775           | 0                                   | 457,787   | 5  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 12,115                           | 0   | 0              | 469,908         | 474,683  | 13,065,136   |   |
| US Army Radford Army Ammunition Plant                  | 0  | 23,800                           | 4,089                  | 27,889          | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 1,984                            | 13,185  | 1,200          | 16,369          | 44,258   | 12,517,960   |   |
| Tronox LLC   | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 11,401,565                                       | 11,401,565   |   |
| ArcelorMittal USA LLC                                  | 0  | 0                                | 10,738,531             | 10,738,531      | 1,624                               | 289,597   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 291,221         | 11,029,752                                       | 11,273,368   |   |
| Peoria Disposal Co #1                                  | 0  | 0                                | 11,090,084             | 11,090,084      | 0                                   | 0   | 0  | 113  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 113             | 11,090,197                                       | 11,151,233   |   |
| US TVA Johnsonville Fossil Plant                       | 0  | 20                               | 0                      | 20              | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 7,271,304                  | 0                                | 0   | 0              | 7,271,304       | 10,548,201                                       | 10,548,181   |   |
| Ruby Hill Mine   | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 10,291,679                                       | 10,291,679   |   |
| US Steel Corp Great Lakes Works                        | 0  | 0                                | 9,217,294              | 9,217,294       | 0                                   | 651,670   | 0  | 56   | 0                       | 0   | 0                                | 0                     | 0                          | 2,566                            | 0   | 0              | 654,292         | 9,871,586  | 10,198,270   |   |
| US TVA Paradise Fossil Plant                           | 0  | 90                               | 0                      | 90              | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 90                         | 0                                | 0   | 0              | 0               | 10,010,307                                       | 10,010,307   |   |
| Nucor Steel Tuscaloosa Inc                             | 0  | 21,599                           | 469,300                | 490,899         | 0                                   | 9,329,669   | 0  | 124  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 9,329,793       | 9,820,693  | 9,810,404  |   |
| Detroit Edison Monroe Power Plant                      | 0  | 0                                | 34,708                 | 34,708          | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 21  | 0              | 21              | 34,729   | 9,621,827  | 9,621,827   |
| USS Mon Valley Works - Edgar Thomson Plant             | 0  | 0                                | 9,287,190              | 9,287,190       | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 3   | 149            | 9,287,342       | 9,500,110  | 9,500,110  |   |
| Brushy Creek Mine/Mill                                 | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 9,264,151  | 9,264,151  |   |
| Severstal Dearborn LLC                                 | 0  | 28                               | 8,289,183              | 8,289,211       | 0                                   | 199,396   | 3,129  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 202,526         | 8,491,736  | 8,573,518  |   |
| Koch Nitrogen Co LLC                                   | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 7,951,525  | 7,951,525  |   |
| Weychem US Inc   | 0  | 0                                | 0                      | 0               | 0                                   | 7,779,362   | 1,860  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 4,310          | 7,785,532       | 7,785,532  | 7,897,860  |   |
| Fletcher Mine/Mill                                     | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 7,842,977  | 7,842,977  |   |
| Pogo Mine  | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 80                               | 0   | 0              | 80              | 7,770,876  | 7,770,876  |   |
| CF Industries Inc                                      | 0  | 0                                | 15,233                 | 15,233          | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 9                                | 0   | 0              | 9               | 15,242   | 7,716,274  | 7,716,274   |
| Keystone Power Plant                                   | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 7,658,222  | 7,658,222  |   |
| Eme Homer City Generation LP                           | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 14,019                     | 0                                | 114   | 0              | 14,136          | 7,490,358  | 7,490,358  |   |
| Doe Run Co Hercules Smelter                            | 0  | 0                                | 0                      | 0               | 0                                   | 271   | 0  | 1,221  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 1,492           | 7,475,627  | 7,475,627  |   |
| International Paper Co - Mansfield Mill                | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 7,400,635  | 7,400,635  |   |
| American Electric Power Muskingum River Plant          | 0  | 0                                | 10,955                 | 10,955          | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 10,955   | 7,346,831  | 7,346,831   |
| US Steel Granite City Works                            | 0  | 0                                | 0                      | 0               | 0                                   | 174   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 968                              | 0   | 1,142          | 1,142           | 7,336,875  | 7,336,875  |   |
| Xcel Energy Sherburne County Generating Plant          | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 32                               | 0   | 0              | 32              | 7,015,128  | 7,015,128  |   |
| Gibson Generating Station                              | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 1                                | 22  | 0              | 23              | 6,951,048  | 6,951,048  |   |
| Harrison Power Station                                 | 0  | 0                                | 10                     | 10              | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 6,926,298  | 6,926,298  |   |
| American Electric Power Big Sandy Plant                | 0  | 0                                | 2,304                  | 2,304           | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 2,304           | 6,800,552  | 6,800,552  |   |
| Marlin Lake Steam Electric Station & Lignite Mine      | 0  | 0                                | 0                      | 0               | 0                                   | 0   | 0  | 0  | 0                       | 0   | 0                                | 0                     | 0                          | 0                                | 0   | 0              | 0               | 6,491,491  | 6,491,491  |   |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M70), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M64, M61), and Unknown (M69) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total On-site Disposal or Other Releases, 2010

| Facility  |                 |            |                    |                      | On-site Disposal or Other Releases  |                                |                 |                               |  |                                   |                                 |                         |                             |                                   |                                   |                            |                 |            |             | Total On-site Disposal or Other Releases Pounds | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |
|---|-----------------|------------|--------------------|----------------------|---|--------------------------------|-----------------|-------------------------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------------|-----------------------------------|-----------------------------------|----------------------------|-----------------|------------|-------------|---|--|--|
|   |                 |            |                    |                      | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                |                 |                               | Other On-site Disposal or Other Releases |                                   |                                 |                         |                             |                                   |                                   |                            |                 |            |             |   |  |  |
|   |                 |            |                    |                      |   |                                |                 |                               | RCRA Subtitle C                          |                                   |                                 |                         |                             |                                   |                                   |                            |                 |            |             |   |  |  |
|   |                 |            |                    |                      |   |                                |                 |                               | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds       | Surface Impoundments Pounds       | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |            |             |   |  |  |
| City  | State           | NAICS Code | Total Forms Number | Class I Wells Pounds | RCRA Subtitle C Landfills Pounds  | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds | Point Source Air Emissions Pounds        | Surface Water Discharges Pounds   | Class II-V Wells Pounds         | Land Treatment Pounds   | Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds        | Subtotal Pounds            |                 |            |             |   |  |  |
| Red Dog Operations                                      | Kotzebue        | AK         | 2122               | 14                   | 0   | 0                              | 0               | 229,100                       | 811                                      | 8,430                             | 0                               | 0                       | 0                           | 301,960,916                       | 475,196,396                       | 777,395,653                | 777,395,653     | 19         | 777,395,672 |   |  |  |
| Newmont Mining Corp Copper Canyon Facility              | Battle Mountain | NV         | 2122               | 12                   | 0   | 27                             | 27              | 6,484                         | 521                                      | 0                                 | 0                               | 0                       | 0                           | 68,087,202                        | 140,032,023                       | 208,126,230                | 208,126,257     | 964        | 208,127,221 |   |  |  |
| Newmont Mining Corp Twin Creeks Mine                    | Golconda        | NV         | 2122               | 21                   | 0   | 1,917                          | 1,917           | 27,175                        | 99,815                                   | 173                               | 0                               | 0                       | 0                           | 49,765,470                        | 119,280,909                       | 169,173,542                | 169,175,459     | 1          | 169,175,460 |   |  |  |
| Kennecott Utah Copper Mine Concentrators & Power Plant  | Bingham Canyon  | UT         | 2122               | 20                   | 0   | 87,689                         | 87,689          | 4,967                         | 8,095                                    | 5,092                             | 0                               | 3,003                   | 0                           | 102,335,150                       | 58,377,290                        | 160,733,595                | 160,821,285     | 20,269     | 160,841,553 |   |  |  |
| Hecia Greens Creek Mining Co                            | Juneau          | AK         | 2122               | 9                    | 0   | 0                              | 0               | 619                           | 19,519                                   | 175                               | 27,452,849                      | 0                       | 0                           | 0                                 | 19,712,306                        | 47,185,468                 | 47,185,468      | 0          | 47,185,468  |   |  |  |
| Huntsman Petrochemical Corp                             | Canonment       | FL         | 325                | 34                   | 32,288,956  | 0                              | 32,288,956      | 26,682                        | 106,193                                  | 0                                 | 0                               | 0                       | 0                           | 0                                 | 0                                 | 134,876                    | 32,423,832      | 5,603      | 32,429,435  |   |  |  |
| ASARCO LLC Ray Complex Hayden Smelter & Concentrator    | Hayden          | AZ         | 331                | 16                   | 0   | 0                              | 0               | 98,640                        | 224,347                                  | 0                                 | 0                               | 0                       | 0                           | 0                                 | 30,715,654                        | 31,038,641                 | 31,038,641      | 250        | 31,038,891  |   |  |  |
| Barrick Goldstrike Mines Inc                            | Elko            | NV         | 2122               | 26                   | 0   | 6,669                          | 6,669           | 308,091                       | 17,092                                   | 0                                 | 0                               | 0                       | 0                           | 23,472,454                        | 5,456,564                         | 29,254,201                 | 29,260,870      | 671        | 29,261,541  |   |  |  |
| Freeport-McMoran Miami Inc                              | Claypool        | AZ         | 2122               | 19                   | 0   | 0                              | 0               | 263,250                       | 158,241                                  | 1,277                             | 0                               | 0                       | 0                           | 213,550                           | 23,988,810                        | 24,625,127                 | 24,625,127      | 770,186    | 25,395,313  |   |  |  |
| AK Steel Corp (Rockport Works )                         | Rockport        | IN         | 331                | 9                    | 0   | 0                              | 0               | 0                             | 12,821                                   | 24,305,396                        | 0                               | 0                       | 0                           | 0                                 | 0                                 | 24,318,217                 | 24,318,217      | 975,840    | 25,294,057  |   |  |  |
| Cortez Gold Mines                                       | Crescent Valley | NV         | 2122               | 13                   | 0   | 1,384                          | 1,384           | 18,308                        | 130                                      | 0                                 | 0                               | 0                       | 0                           | 14,709,128                        | 9,579,777                         | 24,307,343                 | 24,308,727      | 6          | 24,308,733  |   |  |  |
| Kennecott Utah Copper Smelter & Refinery                | Magna           | UT         | 331                | 21                   | 0   | 675,344                        | 675,344         | 6,547                         | 100,226                                  | 5,528                             | 0                               | 30                      | 0                           | 23,189,833                        | 4,303                             | 23,306,467                 | 23,981,811      | 11,711     | 23,993,522  |   |  |  |
| Ineos USA LLC Green Lake Plant                          | Port Lavaca     | TX         | 325                | 23                   | 21,335,708  | 0                              | 21,335,708      | 20,956                        | 85,891                                   | 1,013                             | 0                               | 0                       | 0                           | 0                                 | 0                                 | 107,860                    | 21,443,568      | 3,030      | 21,446,598  |   |  |  |
| Hecia Ltd Lucky Friday Mine Unit                        | Mullan          | ID         | 2122               | 11                   | 0   | 0                              | 0               | 44                            | 109                                      | 933                               | 0                               | 0                       | 0                           | 8,007,567                         | 11,778,320                        | 19,786,973                 | 19,786,973      | 0          | 19,786,973  |   |  |  |
| Montana Resources LLP                                   | Butte           | MT         | 2122               | 11                   | 0   | 0                              | 0               | 250                           | 0  | 0                                 | 0                               | 0                       | 0                           | 4,554,405                         | 14,339,361                        | 18,894,016                 | 18,894,016      | 0          | 18,894,016  |   |  |  |
| Ascend Performance Materials - Chocolate Bayou Facility | Ahlin           | TX         | 325                | 44                   | 17,792,318  | 321,140                        | 0               | 18,113,457                    | 27,285                                   | 141,598                           | 9,041                           | 0                       | 0                           | 0                                 | 1                                 | 177,924                    | 18,291,382      | 44         | 18,291,426  |   |  |  |
| DuPont Delisle Plant                                    | Pass Christian  | MS         | 325                | 22                   | 16,533,288  | 0                              | 381,974         | 16,915,263                    | 4,727                                    | 1,052,053                         | 1,888                           | 0                       | 0                           | 0                                 | 0                                 | 1,058,668                  | 17,973,931      | 120        | 17,974,051  |   |  |  |
| Monsanto Luling   | Luling          | LA         | 325                | 17                   | 16,755,400  | 0                              | 0               | 16,755,400                    | 6,848                                    | 97,882                            | 187,670                         | 0                       | 0                           | 0                                 | 0                                 | 292,400                    | 17,047,800      | 0          | 17,047,800  |   |  |  |
| Newmont Mining Corp - Carlin South Area                 | Carlin          | NV         | 2122               | 22                   | 0   | 731                            | 731             | 28,096                        | 2,352                                    | 5                                 | 0                               | 17                      | 0                           | 15,458,800                        | 865,200                           | 16,354,469                 | 16,355,200      | 2,203      | 16,357,404  |   |  |  |
| P4 Production LLC                                       | Soda Springs    | ID         | 325                | 17                   | 0   | 0                              | 0               | 14,659                        | 224,819                                  | 1,389                             | 0                               | 0                       | 0                           | 0                                 | 15,911,818                        | 16,152,685                 | 16,152,685      | 4,722      | 16,157,407  |   |  |  |
| Buick Mine/Mill   | Boss            | MO         | 2122               | 4                    | 0   | 0                              | 0               | 11,689                        | 285                                      | 27,334                            | 0                               | 0                       | 0                           | 15,795,960                        | 86,420                            | 15,921,688                 | 15,921,688      | 0          | 15,921,688  |   |  |  |
| Cytec Industries Inc Fortier Plant                      | Westwego        | LA         | 325                | 19                   | 15,247,431  | 0                              | 0               | 15,247,431                    | 14,423                                   | 315,676                           | 34,441                          | 0                       | 0                           | 0                                 | 0                                 | 364,540                    | 15,611,971      | 30         | 15,612,001  |   |  |  |
| Nyrstar Clarksville Inc                                 | Clarksville     | TN         | 2122               | 10                   | 0   | 0                              | 0               | 707                           | 247,063                                  | 47,873                            | 0                               | 0                       | 0                           | 14,769,493                        | 0                                 | 15,065,136                 | 15,065,136      | 0          | 15,065,136  |   |  |  |
| DuPont Johnsonville Plant                               | Johnsonville    | TN         | 2122               | 21                   | 0   | 10,981,738                     | 10,981,738      | 3,811                         | 2,714,562                                | 2,293                             | 0                               | 0                       | 0                           | 0                                 | 0                                 | 2,720,686                  | 13,702,424      | 0          | 13,702,424  |   |  |  |
| Colstrip Steam Electric Station                         | Colstrip        | MT         | 2211               | 26                   | 0   | 13,009,010                     | 13,009,010      | 251                           | 399,560                                  | 0                                 | 0                               | 0                       | 0                           | 0                                 | 399,811                           | 13,408,821                 | 507,383         | 13,916,204 | 507,383     |   |  |  |
| USS Gary Works  | Gary            | IN         | 331                | 46                   | 0   | 9,985,766                      | 9,985,766       | 295,275                       | 2,021,582                                | 0                                 | 0                               | 0                       | 0                           | 0                                 | 2,604,687                         | 12,590,453                 | 474,683         | 13,065,136 | 474,683     |   |  |  |
| US Army Radford Army Ammunition Plant                   | Radford         | VA         | 2222               | 14                   | 0   | 0                              | 0               | 28,720                        | 437,539                                  | 12,006,602                        | 0                               | 0                       | 0                           | 840                               | 12,473,701                        | 12,473,701                 | 44,258          | 12,517,960 | 44,258      |   |  |  |
| Tronox LLC  | Hamilton        | MS         | 325                | 16                   | 0   | 0                              | 0               | 31,870                        | 220,566                                  | 178,152                           | 0                               | 0                       | 27,843                      | 10,943,134                        | 0                                 | 11,401,565                 | 11,401,565      | 0          | 11,401,565  |   |  |  |
| Ruby Hill Mine  | Eureka          | NV         | 2122               | 6                    | 0   | 0                              | 0               | 691                           | 117                                      | 0                                 | 0                               | 0                       | 0                           | 7                                 | 10,290,864                        | 10,291,679                 | 10,291,679      | 0          | 10,291,679  |   |  |  |
| Ineos USA LLC   | Lima            | OH         | 325                | 35                   | 9,867,504   | 0                              | 9,867,504       | 16,693                        | 159,314                                  | 0                                 | 0                               | 0                       | 0                           | 0                                 | 0                                 | 176,007                    | 10,043,511      | 1,030      | 10,044,541  |   |  |  |
| US TVA Paradise Fossil Plant                            | Drakesboro      | KY         | 2211               | 23                   | 0   | 0                              | 0               | 46,187                        | 7,823,176                                | 376,465                           | 0                               | 0                       | 0                           | 1,764,386                         | 3                                 | 10,010,218                 | 10,010,218      | 80         | 10,010,307  |   |  |  |
| Detroit Edison Monroe Power Plant                       | Monroe          | MI         | 2211               | 21                   | 0   | 0                              | 0               | 22,103                        | 5,442,703                                | 28,782                            | 0                               | 0                       | 0                           | 4,093,510                         | 0                                 | 9,587,099                  | 9,587,099       | 34,729     | 9,621,827   |   |  |  |
| Vickery Environmental Inc                               | Vickery         | OH         | 562                | 19                   | 9,574,712   | 0                              | 9,574,712       | 0                             | 0  | 0                                 | 0                               | 0                       | 0                           | 0                                 | 0                                 | 9,574,712                  | 13,698          | 9,588,410  | 13,698      |   |  |  |
| Brushy Creek Mine/Mill                                  | Boss            | MO         | 2122               | 3                    | 0   | 0                              | 0               | 2,719                         | 0  | 7,632                             | 0                               | 0                       | 0                           | 9,253,800                         | 0                                 | 9,264,151                  | 9,264,151       | 0          | 9,264,151   |   |  |  |
| Clean Harbors Lone Mountain LLC Lone Mountain Facility  | Waynoka         | OK         | 562                | 30                   | 0   | 9,010,319                      | 322             | 9,010,641                     | 872                                      | 302                               | 0                               | 0                       | 0                           | 0                                 | 1,174                             | 9,011,814                  | 9,011,814       | 0          | 9,011,814   |   |  |  |
| Clean Harbors Burtonwillow LLC                          | Burtonwillow    | CA         | 562                | 25                   | 0   | 5,923,425                      | 3,036,250       | 8,959,675                     | 575                                      | 5                                 | 0                               | 0                       | 0                           | 0                                 | 581                               | 8,960,256                  | 49,267          | 9,009,522  | 49,267      |   |  |  |
| Argus Chemical Co                                       | Sterlington     | LA         | 325                | 12                   | 8,189,083   | 0                              | 8,189,083       | 4,819                         | 104,108                                  | 264,704                           | 0                               | 0                       | 0                           | 50                                | 373,681                           | 8,562,764                  | 4,290           | 8,567,054  |             |   |  |  |
| Us Ecology Idaho Inc                                    | Grand View      | ID         | 562                | 28                   | 0   | 8,557,967                      | 0               | 8,557,967                     | 143                                      | 713                               | 0                               | 0                       | 0                           | 0                                 | 856                               | 8,558,823                  | 214             | 8,559,037  | 214         |   |  |  |
| Chemical Waste Management of the Northwest Inc          | Arlington       | OR         | 562                | 39                   | 0   | 8,155,324                      | 105,410         | 8,260,734                     | 5,316                                    | 17,080                            | 0                               | 0                       | 0                           | 6,958                             | 1                                 | 29,355                     | 8,290,088       | 324        | 8,290,413   |   |  |  |
| Koch Nitrogen Co LLC                                    | Enid            | OK         | 325                | 11                   | 0   | 0                              | 0               | 131,260                       | 7,024,750                                | 795,510                           | 0                               | 0                       | 0                           | 0                                 | 5                                 | 7,951,525                  | 7,951,525       | 0          | 7,951,525   |   |  |  |
| Fletcher Mine/Mill                                      | Centerville     | MO         | 2122               | 3                    | 0   | 0                              | 0               | 3,582                         | 99                                       | 6,096                             | 0                               | 0                       | 0                           | 7,833,200                         | 0                                 | 7,842,977                  | 7,842,977       | 0          | 7,842,977   |   |  |  |
| Pogo Mine   | Delta Junction  | AK         | 2122               | 21                   | 0   | 0                              | 0               | 4,158                         | 128                                      | 180,240                           | 0                               | 0                       | 0                           | 0                                 | 7,586,270                         | 7,770,796                  | 7,770,796       | 80         | 7,770,876   |   |  |  |
| CF Industries Inc                                       | Donaldsonville  | LA         | 325                | 10                   | 0   | 359,785                        | 359,785         | 5,925,794                     | 1,415,463                                | 0                                 | 0                               | 0                       | 0                           | 0                                 | 7,701,032                         | 7,701,032                  | 7,701,032       | 15,242     | 7,716,274   |   |  |  |
| Keystone Power Plant                                    | Shelbaca        | PA         | 2211               | 17                   | 0   | 863,575                        | 863,575         | 119                           | 6,775,964                                | 18,564                            | 0                               | 0                       | 0                           | 0                                 | 0                                 | 6,794,646                  | 7,658,222       | 0          | 7,658,222   |   |  |  |
| Dyno Nobel Inc - Cheyenne Plant                         | Cheyenne        | WY         | 325                | 8                    | 7,145,800   | 0                              | 7,145,800       | 206,800                       | 152,850                                  | 0                                 | 0                               | 0                       | 0                           | 0                                 | 0                                 | 359,650                    | 7,505,450       | 0          | 7,505,450   |   |  |  |
| Erne Homer City Generation LP                           | Homer City      | PA         | 2211               | 22                   | 0   | 869,484                        | 869,484         | 56                            | 6,538,400                                | 67,799                            | 0                               | 0                       | 0                           | 0                                 | 483                               | 6,606,738                  | 7,476,222       | 14,136     | 7,490,358   |   |  |  |
| Doe Run Co Herculaneum Smelter                          | Herculaneum     | MO         | 331                | 10                   | 0   | 0                              | 0               | 968                           | 34,086                                   | 610                               | 0                               | 0                       | 0                           | 0                                 | 7,438,471                         | 7,474,135                  | 7,474,135       | 1,492      | 7,475,627   |   |  |  |
| International Paper Co - Mansfield Mill                 | Mansfield       | LA         | 322                | 20                   | 0   | 3,223,725                      | 3,223,725       | 866,286                       | 3,196,370                                | 94,938                            | 0                               | 0                       | 0                           | 19,315                            | 0                                 | 4,176,910                  | 7,400,635       | 0          | 7,400,635   |   |  |  |
| American Electric Power Muskingum River Plant           | Beverly         | OH         | 2211               | 18                   | 0   | 0                              | 0               | 310                           | 6,540,078                                | 8,400                             | 0                               | 0                       | 0                           | 787,044                           | 45                                | 7,335,877                  | 7,335,877       | 10,955     | 7,346,831   |   |  |  |
| US Steel Granite City Works                             | Granite City    | IL         | 331                | 34                   | 0   | 6,435,499                      | 6,435,499       | 68,645                        | 110,463                                  | 619,864                           | 0                               | 0                       | 0                           | 101,262                           | 0                                 | 900,234                    | 7,335,733       | 1,142      | 7,336,875   |   |  |  |

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The 50 Facilities with Largest Total Off-site Disposal or Other Releases, 2010

| Facility   | City             | State | NAICS Code | Total Forms | Total On-site Disposal or Other Releases Pounds | Off-site Disposal or Other Releases  |                                  |                        |                 |   |  |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |                       |            | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |
|--|------------------|-------|------------|-------------|---|--|----------------------------------|------------------------|-----------------|---|--|--|--|-------------------------|---|-----------------------------------|-----------------------|----------------------------|----------------------------------|---|----------------|-----------------|-----------------------|------------|--|--|
|  |                  |       |            |             |   | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                  |                        |                 | Other Off-site Disposal or Other Releases |  |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |                       |            |  |  |
|  |                  |       |            |             |   | Class I Wells Pounds   | RCRA Subtitle C Landfills Pounds | Other Landfills Pounds | Subtotal Pounds | Storage Only Pounds                       | Solidification/Stabilization (Metals and Metal Category Compounds Only) Pounds | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds | Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds | Class II-V Wells Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Land Treatment Pounds | Other Land Disposal Pounds | Other Off-site Management Pounds | Transfers to Waste Broker for Disposal Pounds | Unknown Pounds | Subtotal Pounds | Other Releases Pounds |            |  |  |
| Horsehead Corp Monaca Smelter                          | Monaca           | PA    | 331        | 14          | 559,739   | 0  | 0                                | 16,532,377             | 16,532,377      | 0   | 50,350   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 57                               | 0   | 0              | 50,407          | 16,582,784            | 17,142,523 |  |  |
| Peoria Disposal Co #1                                  | Peoria           | IL    | 562        | 11          | 61,036  | 0  | 0                                | 11,090,084             | 11,090,084      | 0   | 0  | 0  | 113  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 113             | 11,090,197            | 11,151,233 |  |  |
| Arcelormittal USA LLC                                  | East Chicago     | IN    | 331        | 24          | 243,616   | 0  | 0                                | 10,738,531             | 10,738,531      | 1,624                                     | 289,597  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 291,221         | 11,029,752            | 11,273,368 |  |  |
| US Steel Corp Great Lakes Works                        | Ecorse           | MI    | 331        | 23          | 326,884   | 0  | 0                                | 9,217,294              | 9,217,294       | 0   | 651,670  | 0  | 56   | 0                       | 0   | 0                                 | 0                     | 0                          | 2,566                            | 0   | 0              | 654,292         | 9,871,586             | 10,198,270 |  |  |
| Nucor Steel Tuscaloosa Inc                             | Tuscaloosa       | AL    | 331        | 9           | 11,310  | 0  | 21,599                           | 469,300                | 490,899         | 0   | 9,329,659  | 0  | 124  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 9,329,783       | 9,820,693             | 9,832,003  |  |  |
| USS Mon Valley Works - Edgar Thomson Plant             | Braddock         | PA    | 331        | 15          | 212,768   | 0  | 0                                | 9,287,190              | 9,287,190       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 3                                | 149   | 0              | 152             | 9,287,342             | 9,500,110  |  |  |
| Severstal Dearborn LLC                                 | Dearborn         | MI    | 331        | 13          | 81,882  | 0  | 28                               | 8,289,183              | 8,289,211       | 0   | 199,396  | 3,129  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 202,526         | 8,491,736             | 8,573,618  |  |  |
| Weylchem US Inc  | Elgin            | SC    | 325        | 27          | 112,328   | 0  | 0                                | 0                      | 0               | 7,779,362                                 | 1,880  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 4,310          | 7,785,532       | 7,897,860             |            |  |  |
| US TVA Johnsonville Fossil Plant                       | New Johnsonville | TN    | 2211       | 17          | 3,276,877                                       | 0  | 20                               | 0                      | 20              | 0   | 0  | 0  | 0  | 0                       | 0   | 7,271,304                         | 0                     | 0                          | 0                                | 0   | 0              | 7,271,304       | 7,271,324             | 10,548,201 |  |  |
| Heritage Environmental Services LLC                    | Indianapolis     | IN    | 562        | 14          | 2,557   | 0  | 6,379,505                        | 74,210                 | 6,453,715       | 0   | 0  | 0  | 528  | 0                       | 0   | 0                                 | 0                     | 0                          | 591,704                          | 0   | 0              | 592,232         | 7,045,947             | 7,048,504  |  |  |
| Steel Dynamics Inc - Engineered Bar Products Div       | Pittsboro        | IN    | 331        | 7           | 14,067  | 0  | 6,914,672                        | 0                      | 6,914,672       | 0   | 0  | 0  | 48   | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 48              | 6,914,720             | 6,928,787  |  |  |
| Sterling Steel Co LLC                                  | Sterling         | IL    | 331        | 5           | 9,282   | 0  | 0                                | 1,222,189              | 1,222,189       | 0   | 4,641,034  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 4,641,034       | 5,863,222             | 5,872,505  |  |  |
| North American Stainless                               | Ghent            | KY    | 331        | 10          | 3,225,877                                       | 0  | 4,519,255                        | 404,820                | 4,924,074       | 0   | 0  | 0  | 0  | 0                       | 0   | 112,323                           | 0                     | 0                          | 0                                | 0   | 0              | 112,323         | 5,036,397             | 8,262,274  |  |  |
| Basin Electric Antelope Valley Station                 | Beulah           | ND    | 2211       | 17          | 124,574   | 0  | 0                                | 4,800,003              | 4,800,003       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 4,800,003             | 4,924,577  | 4,924,577  |  |
| DuPont Edge Moor                                       | Edgemoor         | DE    | 325        | 22          | 315,239   | 0  | 0                                | 4,371,930              | 4,371,930       | 0   | 12   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 60                               | 0   | 0              | 72              | 4,372,002             | 4,687,241  | 4,687,241  |  |
| Cascade Steel Rolling Mills Inc                        | Mcminville       | OR    | 331        | 6           | 4,762   | 0  | 4,303,722                        | 0                      | 4,303,722       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 4,303,722             | 4,308,484  | 4,308,484  |  |
| Quemetco Inc   | Indianapolis     | IN    | 331        | 5           | 1,241   | 0  | 944,310                          | 3,124,216              | 4,068,526       | 0   | 0  | 0  | 489  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 489            | 4,069,015       | 4,070,256             | 4,070,256  |  |  |
| Thyssenkrupp Waupaca - Plant 5                         | Tell City        | IN    | 331        | 15          | 135,203   | 0  | 0                                | 3,889,994              | 3,889,994       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 5                                | 0   | 5              | 3,889,999       | 4,025,202             | 4,025,202  |  |  |
| Nucor Steel-Berkeley                                   | Huger            | SC    | 331        | 13          | 19,433  | 0  | 2,892                            | 3,750,388              | 3,753,280       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,753,280             | 3,772,714  | 3,772,714  |  |
| Evonik Cyro LLC - MMA Plant                            | Westwego         | LA    | 325        | 10          | 16,692  | 3,745,198  | 0                                | 340                    | 3,745,538       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 350            | 0               | 3,745,888             | 3,762,580  | 3,762,580  |  |
| Felman Production Inc                                  | New Haven        | WV    | 331        | 5           | 159,283   | 0  | 0                                | 0                      | 0               | 3,468,470                                 | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,468,470             | 3,627,752  | 3,627,752  |  |
| Arcelormittal Riverdale Inc                            | Riverdale        | IL    | 331        | 9           | 33,788  | 0  | 0                                | 3,344,341              | 3,344,341       | 0   | 120,069  | 0  | 398  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 120,467         | 3,464,808             | 3,466,596  |  |  |
| Investa SARL - Orange Site                             | Orange           | TX    | 325        | 15          | 700,074   | 0  | 260,162                          | 505                    | 260,667         | 0   | 0  | 1,600,630  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 1,305,555                        | 110,000                                       | 0              | 3,016,185       | 3,276,852             | 3,976,926  |  |  |
| Keystone Steel & Wire Co                               | Peoria           | IL    | 331        | 6           | 62,208  | 0  | 93                               | 0                      | 93              | 0   | 3,219,571  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 3,219,571       | 3,219,664             | 3,281,872  |  |  |
| San Juan Generating Station                            | Waterflow        | NM    | 2211       | 21          | 83,390  | 0  | 0                                | 3,076,410              | 3,076,410       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,076,410             | 3,159,800  | 3,159,800  |  |
| Arcelormittal Lupine LLC                               | La Placa         | LA    | 331        | 8           | 26,801  | 0  | 0                                | 2,936,987              | 2,936,987       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,936,987             | 2,963,788  | 2,963,788  |  |
| Charter Steel Cleveland                                | Cuyahoga Heights | OH    | 331        | 6           | 17,742  | 0  | 0                                | 16                     | 16              | 0   | 2,822,628  | 0  | 39,138   | 0                       | 0   | 0                                 | 0                     | 0                          | 80                               | 0   | 0              | 2,861,846       | 2,861,862             | 2,879,604  |  |  |
| EQ Detroit Inc   | Detroit          | MI    | 562        | 38          | 17,249  | 7,561  | 8,774                            | 2,721,613              | 2,737,948       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 1,213                            | 27,971  | 0              | 2,861,846       | 2,861,862             | 2,879,604  |  |  |
| Choctaw Generation LP                                  | Ackerman         | MS    | 2211       | 14          | 117,578   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 2,276,220             | 0                          | 217,321                          | 0   | 2,493,541      | 2,493,541       | 2,611,119             |            |  |  |
| AK Steel Corp Mansfield Works                          | Mansfield        | OH    | 331        | 8           | 25,241  | 0  | 2,452,624                        | 0                      | 2,452,624       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,452,624             | 2,477,865  | 2,477,865  |  |
| W H Sammis Plant                                       | Stratton         | OH    | 2211       | 19          | 2,542,510                                       | 0  | 0                                | 2,434,182              | 2,434,182       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,434,182             | 4,976,692  | 4,976,692  |  |
| Sunoco Haverhill North Coke Co                         | Franklin Furnace | IN    | 325        | 18          | 635,305   | 0  | 2                                | 14,164                 | 14,165          | 2,025,402                                 | 0  | 0  | 0  | 0                       | 0   | 190,836                           | 0                     | 0                          | 0                                | 431   | 2,216,669      | 2,230,834       | 2,866,139             |            |  |  |
| Nucor Steel  | Crawfordsville   | IN    | 331        | 13          | 17,359  | 0  | 1,125,530                        | 678,901                | 1,804,431       | 0   | 200,079  | 60,121   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 4,568                            | 0   | 0              | 264,768         | 2,069,199             | 2,069,558  |  |  |
| St Johns River Power Park/Northside Generating Station | Jacksonville     | FL    | 2211       | 21          | 3,597,026                                       | 0  | 0                                | 2,059,127              | 2,059,127       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 196                              | 0   | 196            | 2,059,323       | 5,656,349             | 5,656,349  |  |  |
| Arcelormittal Indiana Harbor LLC                       | East Chicago     | IN    | 331        | 22          | 94,182  | 0  | 0                                | 2,011,116              | 2,011,116       | 0   | 13,125   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 13,125          | 2,024,241             | 2,118,423  |  |  |
| Thyssenkrupp Steel USA LLC                             | Calvert          | AL    | 331        | 4           | 96  | 0  | 0                                | 2,019,004              | 2,019,004       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,019,004             | 2,019,100  | 2,019,100  |  |
| Bruce Mansfield Power Plant                            | Shippingport     | PA    | 2211       | 20          | 510,156   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 1,979,263                         | 0                     | 0                          | 0                                | 0   | 0              | 1,979,263       | 1,979,263             | 2,489,419  |  |  |
| Alton Steel Inc  | Alton            | IL    | 331        | 5           | 15,904  | 0  | 0                                | 34,103                 | 34,103          | 1,929,026                                 | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 1,929,026       | 1,963,129             | 1,979,033  |  |  |
| Structural Metals Inc                                  | Seguin           | TX    | 331        | 8           | 17,080  | 0  | 17,508                           | 1,917,118              | 1,934,626       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,934,626             | 1,951,706  | 1,951,706  |  |
| Federal-Mogul VSP                                      | Glasgow          | KY    | 336        | 6           | 10,213  | 0  | 0                                | 1,874,036              | 1,874,036       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,874,036             | 1,884,249  | 1,884,249  |  |
| Thyssenkrupp Waupaca Plant 2/3                         | Waupaca          | WI    | 331        | 14          | 52,756  | 0  | 0                                | 1,819,559              | 1,819,559       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,819,559             | 1,872,315  | 1,872,315  |  |
| Nucor Steel Marion Inc                                 | Marion           | OH    | 331        | 7           | 10,066  | 0  | 0                                | 71,306                 | 71,306          | 1,691,035                                 | 25   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 1,691,060       | 1,762,366             | 1,772,432  |  |  |
| American Electric Power Amos Plant                     | Winfield         | WV    | 2211       | 20          | 3,415,729                                       | 0  | 0                                | 1,733,508              | 1,733,508       | 0   | 694  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 694             | 1,734,202             | 5,149,931  | 5,149,931  |  |
| Regal Ware West Bend                                   | West Bend        | WI    | 332        | 5           | 20  | 0  | 0                                | 1,713,984              | 1,713,984       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,713,984             | 1,714,004  | 1,714,004  |  |
| ADM  | Decatur          | IL    | 311        | 25          | 2,486,284                                       | 0  | 0                                | 77,513                 | 77,513          | 0   | 200,161  | 0  | 2,515  | 0                       | 0   | 0                                 | 34,130                | 1,389,752                  | 0                                | 0   | 0              | 1,626,558       | 1,704,071             | 4,190,355  |  |  |
| Energizer Battery Manufacturing Inc                    | Marionetta       | OH    | 325        | 2           | 557   | 0  | 0                                | 126,372                | 126,372         | 0   | 0  | 1,562,186  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 1,562,186       | 1,688,558             | 1,689,115  |  |  |
| Tri-State Generation & Transmission - Craig Station    | Craig            | CO    | 2211       | 14          | 125,928   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 1,647,230             | 0                          | 460                              | 0   | 0              | 1,647,690       | 1,647,690             | 1,773,618  |  |  |
| Catalyst Refiners Inc                                  | Nitro            | WV    | 325        | 3           | 15  | 0  | 0                                | 0                      | 0               | 0   | 0  | 24   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 1,622,318      | 1,622,342       | 1,622,342             |            |  |  |
| Pleasant Prairie Power Plant                           | Pleasant Prairie | WI    | 2211       | 15          | 297,169   | 0  | 0                                | 10,233                 | 10,233          | 0   | 0  | 0  | 0  | 0                       | 0   | 1,630                             | 524,423               | 1,048,920                  | 0                                | 0   | 0              | 1,574,973       | 1,585,206             | 1,882,375  |  |  |
| AK Steel Corp - Zanesville Works                       | Zanesville       | OH    | 331        | 8           | 253,367   | 1,551,611  | 0                                | 15,509                 | 1,567,120       | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 17,655                           | 0   | 17,655         | 1,584,775       | 1,838,142             | 1,838,142  |  |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program](http://www.epa.gov/tri/program/FactorsToConPDF.pdf)

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: Carcinogen

| NAICS<br>Code Industry            |            | On-site Disposal or Other Releases   |  |                                      |                    |  |   |                                       |                               |                             |                        |                        |   |                                  |                    | Total On-site<br>Disposal or<br>Other Releases<br>Pounds | Total Off-site<br>Disposal or<br>Other Releases<br>Pounds | Total On-site<br>and Off-site<br>Disposal or<br>Other Releases<br>Pounds |
|-----------------------------------|------------|--|--|--------------------------------------|--------------------|--|---|---------------------------------------|-------------------------------|-----------------------------|------------------------|------------------------|---|----------------------------------|--------------------|--|---|--|
|                                   |            | On-site Disposal to Class I Underground Injection Wells, RCRA<br>Subtitle C Landfills, and Other Landfills |  |                                      |                    | Other On-site Disposal or Other Releases |   |                                       |                               |                             |                        |                        |   |                                  |                    |  |   |  |
|                                   |            | Class I Wells<br>Pounds  | RCRA Subtitle<br>C Landfills<br>Pounds | Other On-site<br>Landfills<br>Pounds | Subtotal<br>Pounds | Fugitive Air<br>Emissions<br>Pounds      | Point Source<br>Air Emissions<br>Pounds | Surface Water<br>Discharges<br>Pounds | Class II-V<br>Wells<br>Pounds | Land<br>Treatment<br>Pounds | RCRA Subtitle C        |                        | Other Surface<br>Impoundments<br>Pounds | Other Land<br>Disposal<br>Pounds | Subtotal<br>Pounds |  |   |  |
|                                   |            |  |  |                                      |                    |  |   |                                       |                               |                             | Impoundments<br>Pounds | Impoundments<br>Pounds |   |                                  |                    |  |   |  |
| 2121 Coal Mining                  | 0          | 0  | 497,152                                | 497,152                              | 132                | 76                                       | 339                                     | 7                                     | 438,394                       | 0                           | 318,387                | 38,603                 | 795,937                                 | 1,293,089                        | 9,483              | 1,302,573  |   |  |
| 2122 Metal Mining                 | 0          | 0  | 993,525                                | 993,525                              | 64,840             | 12,856                                   | 328,362                                 | 10,421,470                            | 506                           | 287,843                     | 234,891,391            | 595,248,379            | 841,255,646                             | 842,249,171                      | 397,761            | 842,646,932  |   |  |
| 2211 Electric Utilities           | 329        | 0  | 16,336,316                             | 16,336,645                           | 102,313            | 862,917                                  | 156,899                                 | 4                                     | 252,529                       | 101,907                     | 12,974,532             | 1,086,872              | 15,537,972                              | 31,874,618                       | 6,734,807          | 38,609,425   |   |  |
| 311/312 Food/Beverages/Tobacco    | 1,313      | 0  | 0                                      | 1,313                                | 194,032            | 1,587,135                                | 8,725                                   | 0                                     | 3,335                         | 0                           | 690                    | 4,051                  | 1,797,969                               | 1,799,282                        | 474,826            | 2,274,108  |   |  |
| 313/314 Textiles                  | 0          | 0  | 0                                      | 0                                    | 50,729             | 47,540                                   | 38                                      | 0                                     | 0                             | 0                           | 726                    | 0                      | 99,034                                  | 99,034                           | 69,379             | 168,413  |   |  |
| 315 Apparel                       | 0          | 0  | 0                                      | 0                                    | 0                  | 0  | 0                                       | 0                                     | 0                             | 0                           | 0                      | 0                      | 0                                       | 0                                | 5,480              | 5,480  |   |  |
| 316 Leather                       | 538        | 0  | 0                                      | 538                                  | 2,037              | 260                                      | 5                                       | 0                                     | 0                             | 0                           | 0                      | 0                      | 2,302                                   | 2,840                            | 312,022            | 314,862  |   |  |
| 321 Wood Products                 | 0          | 438  | 7,424                                  | 7,861                                | 313,874            | 1,573,206                                | 6,047                                   | 0                                     | 507                           | 0                           | 163                    | 2,073                  | 1,895,870                               | 1,903,731                        | 274,595            | 2,178,326  |   |  |
| 322 Paper                         | 0          | 7,197  | 270,164                                | 277,361                              | 1,401,664          | 5,785,065                                | 539,764                                 | 0                                     | 15,458                        | 0                           | 51,952                 | 14,441                 | 7,808,345                               | 8,085,706                        | 253,323            | 8,339,029  |   |  |
| 323/51 Printing and Publishing    | 0          | 0  | 0                                      | 0                                    | 814                | 2,837                                    | 0                                       | 0                                     | 0                             | 0                           | 0                      | 0                      | 3,651                                   | 3,651                            | 1,674              | 5,325  |   |  |
| 324 Petroleum                     | 113,355    | 28   | 771                                    | 114,154                              | 1,517,489          | 1,497,310                                | 30,973                                  | 72                                    | 20,520                        | 2                           | 4,998                  | 24,110                 | 3,095,473                               | 3,209,628                        | 1,702,383          | 4,912,011  |   |  |
| 325 Chemicals                     | 35,058,768 | 57,872   | 4,207,093                              | 39,323,733                           | 6,497,727          | 9,482,999                                | 317,269                                 | 10                                    | 683                           | 27,843                      | 1,954,346              | 1,767,873              | 20,048,751                              | 59,372,484                       | 8,963,900          | 68,336,383   |   |  |
| 326 Plastics and Rubber           | 0          | 0  | 105                                    | 105                                  | 3,280,714          | 9,878,956                                | 618                                     | 0                                     | 0                             | 0                           | 4                      | 257                    | 13,160,549                              | 13,160,655                       | 1,857,023          | 15,017,677   |   |  |
| 327 Stone/Clay/Glass              | 1,922      | 325  | 30,153                                 | 32,401                               | 215,563            | 878,440                                  | 538                                     | 0                                     | 258                           | 1                           | 5,335                  | 139,418                | 1,239,551                               | 1,271,952                        | 1,127,205          | 2,399,156  |   |  |
| 32731 Cement                      | 0          | 0  | 260,712                                | 260,712                              | 10,247             | 248,897                                  | 364                                     | 0                                     | 0                             | 0                           | 30                     | 176                    | 259,713                                 | 520,426                          | 43,782             | 564,208  |   |  |
| 331 Primary Metals                | 164,970    | 2,063,592  | 5,892,491                              | 8,121,053                            | 722,170            | 1,330,166                                | 53,355                                  | 0                                     | 17                            | 0                           | 8,328,339              | 4,530,509              | 14,964,557                              | 23,085,610                       | 27,588,013         | 50,673,623   |   |  |
| 332 Fabricated Metals             | 0          | 4  | 4,257                                  | 4,261                                | 648,513            | 1,126,943                                | 3,912                                   | 0                                     | 4,723                         | 0                           | 9                      | 30,713                 | 1,814,812                               | 1,819,073                        | 3,002,563          | 4,821,636  |   |  |
| 333 Machinery                     | 0          | 1  | 1,131                                  | 1,132                                | 178,294            | 378,951                                  | 2,109                                   | 3                                     | 3                             | 0                           | 0                      | 5,376                  | 564,736                                 | 565,868                          | 284,146            | 850,014  |   |  |
| 334 Computers/Electronic Products | 0          | 0  | 0                                      | 0                                    | 20,401             | 79,883                                   | 313                                     | 0                                     | 0                             | 0                           | 0                      | 128                    | 100,725                                 | 100,725                          | 175,182            | 275,908  |   |  |
| 335 Electrical Equipment          | 0          | 0  | 23,718                                 | 23,718                               | 118,984            | 92,814                                   | 965                                     | 0                                     | 0                             | 0                           | 2,842                  | 15,005                 | 230,610                                 | 254,328                          | 1,043,075          | 1,297,403  |   |  |
| 336 Transportation Equipment      | 0          | 33,635   | 0                                      | 33,635                               | 2,138,745          | 5,663,532                                | 3,028                                   | 0                                     | 0                             | 0                           | 0                      | 14,988                 | 7,820,293                               | 7,853,928                        | 1,209,068          | 9,062,996  |   |  |
| 337 Furniture                     | 0          | 0  | 0                                      | 0                                    | 71,454             | 128,598                                  | 7                                       | 0                                     | 474                           | 0                           | 0                      | 0                      | 200,534                                 | 200,534                          | 7,530              | 208,064  |   |  |
| 339 Miscellaneous Manufacturing   | 0          | 0  | 0                                      | 0                                    | 103,598            | 932,033                                  | 401                                     | 0                                     | 0                             | 0                           | 0                      | 0                      | 1,036,031                               | 1,036,031                        | 78,381             | 1,114,412  |   |  |
| 4246 Chemical Wholesalers         | 0          | 0  | 0                                      | 0                                    | 35,114             | 70,277                                   | 5                                       | 0                                     | 0                             | 0                           | 0                      | 0                      | 105,396                                 | 105,396                          | 20,362             | 125,757  |   |  |
| 4247 Petroleum Bulk Terminals     | 0          | 0  | 0                                      | 0                                    | 171,621            | 201,823                                  | 1,441                                   | 0                                     | 15                            | 0                           | 255                    | 340                    | 375,494                                 | 375,494                          | 20,907             | 396,402  |   |  |
| 562 Hazardous Waste Management    | 1,323,428  | 30,626,888   | 2,063,951                              | 34,014,268                           | 74,452             | 108,713                                  | 3,205                                   | 0                                     | 0                             | 4,225                       | 3,801,171              | 168,500                | 4,160,267                               | 38,174,535                       | 7,291,229          | 45,465,764   |   |  |
| No TRI NAICS Code                 | 0          | 101,470  | 4,295,947                              | 4,397,417                            | 274,911            | 236,039                                  | 4,504                                   | 0                                     | 3,755                         | 3,862                       | 25,707                 | 4,182,960              | 4,731,739                               | 9,129,156                        | 947,900            | 10,077,056   |   |  |
| Total                             | 36,664,624 | 32,891,450   | 34,884,910                             | 104,440,984                          | 18,210,432         | 42,208,264                               | 1,463,186                               | 10,421,565                            | 741,179                       | 425,683                     | 262,360,878            | 607,274,772            | 943,105,958                             | 1,047,546,942                    | 63,896,000         | 1,111,442,942  |   |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

## TRI On-site and Off-site Disposal or Other Releases, by State, 2010: Carcinogens

| State                    | On-site Disposal or Other Releases  |                    |                                |                 |  |                                   |                                 |                         |                       |                             |                                   |                            |                 |               | Total On-site Disposal or Other Releases Pounds | Total Off-site Disposal or Other Releases Pounds | Total On-site Disposal and Off-site Disposal or Other Releases Pounds |
|--------------------------|---|--------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|-----------------------------|-----------------------------------|----------------------------|-----------------|---------------|---|--|---|
|                          | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                    |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |                             |                                   |                            |                 |               |   |  |   |
|                          | RCRA Subtitle C Landfills   |                    |                                |                 | RCRA Subtitle C                          |                                   |                                 |                         |                       |                             |                                   |                            |                 |               |   |  |   |
|                          | Class I Wells Pounds  | C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |               |   |  |   |
| Alabama                  | 0   | 3,317,755          | 2,652,044                      | 5,969,798       | 1,074,927                                | 1,675,647                         | 132,120                         | 0                       | 1,109                 | 0                           | 1,794,707                         | 148,420                    | 4,826,929       | 10,796,728    | 2,083,419                                       | 12,880,146                                       |   |
| Alaska                   | 0   | 0                  | 11,485                         | 11,485          | 21,405                                   | 8,864                             | 194                             | 10,417,028              | 0                     | 0                           | 110,225,263                       | 224,760,693                | 345,433,448     | 345,444,933   | 3,086   | 345,448,018                                      |   |
| American Samoa           | 0   | 0                  | 0                              | 0               | 0  | 5                                 | 0                               | 0                       | 0                     | 0                           | 0                                 | 0                          | 5               | 5             | 0   | 5  |   |
| Arizona                  | 0   | 0                  | 325,005                        | 325,005         | 91,272                                   | 223,166                           | 532                             | 0                       | 64                    | 59,000                      | 7,175,428                         | 8,120,693                  | 15,670,154      | 15,995,159    | 125,067   | 16,120,226                                       |   |
| Arkansas                 | 13,132  | 2,945              | 316,365                        | 332,442         | 354,442                                  | 993,958                           | 60,260                          | 10                      | 13,322                | 0                           | 693,305                           | 38,018                     | 2,153,314       | 2,485,756     | 433,953   | 2,919,709  |   |
| California               | 0   | 6,775,539          | 460,080                        | 7,235,619       | 273,366                                  | 926,479                           | 2,703                           | 54                      | 3,753                 | 14                          | 314                               | 2,820,298                  | 4,026,981       | 11,262,600    | 1,152,924                                       | 12,415,524                                       |   |
| Colorado                 | 0   | 1,290,879          | 150,726                        | 1,441,604       | 64,027                                   | 74,728                            | 18                              | 0                       | 19                    | 0                           | 1,428,355                         | 3,863,875                  | 5,431,023       | 6,872,628     | 124,346   | 6,996,974  |   |
| Connecticut              | 0   | 0                  | 478                            | 478             | 117,505                                  | 191,894                           | 900                             | 0                       | 0                     | 0                           | 6,803                             | 317,102                    | 317,580         | 246,684       | 564,264   | 564,264  |   |
| Delaware                 | 0   | 0                  | 13,747                         | 13,747          | 21,304                                   | 117,439                           | 1,755                           | 0                       | 0                     | 0                           | 500                               | 615                        | 141,613         | 155,360       | 573,307   | 728,667  |   |
| District of Columbia     | 0   | 0                  | 0                              | 0               | 0  | 56                                | 0                               | 0                       | 0                     | 0                           | 0                                 | 0                          | 56              | 56            | 2,654   | 2,710  |   |
| Florida                  | 26,292  | 0                  | 1,997,882                      | 2,024,174       | 474,951                                  | 1,645,058                         | 56,197                          | 0                       | 1,110                 | 0                           | 26,846                            | 70,842                     | 2,275,004       | 4,299,179     | 569,797   | 4,868,975  |   |
| Georgia                  | 0   | 55                 | 206,379                        | 206,434         | 429,728                                  | 1,997,613                         | 61,414                          | 0                       | 55                    | 0                           | 1,994,498                         | 363,059                    | 4,846,367       | 5,052,801     | 233,990   | 5,286,792  |   |
| Guam                     | 0   | 0                  | 0                              | 0               | 71,716                                   | 7,136                             | 0                               | 0                       | 0                     | 0                           | 29                                | 3,070                      | 81,951          | 81,951        | 18  | 81,969   |   |
| Hawaii                   | 0   | 0                  | 0                              | 0               | 14,267                                   | 36,598                            | 403                             | 6                       | 0                     | 0                           | 0                                 | 87,843                     | 139,117         | 139,117       | 5,705   | 144,822  |   |
| Idaho                    | 0   | 1,572,656          | 118,243                        | 1,690,899       | 55,403                                   | 190,962                           | 11,513                          | 0                       | 222                   | 228,843                     | 2,188,139                         | 6,401,119                  | 9,076,200       | 10,767,099    | 281,843   | 11,048,942                                       |   |
| Illinois                 | 0   | 5,285              | 308,082                        | 313,367         | 523,284                                  | 1,709,253                         | 12,875                          | 0                       | 8,930                 | 0                           | 281,517                           | 43,579                     | 2,579,438       | 2,892,806     | 3,033,704                                       | 5,926,510  |   |
| Indiana                  | 34,980  | 110,267            | 2,262,860                      | 2,408,107       | 1,797,057                                | 2,865,908                         | 23,362                          | 0                       | 257,326               | 0                           | 1,653,463                         | 542,922                    | 7,140,036       | 9,548,144     | 10,467,746                                      | 20,015,890                                       |   |
| Iowa                     | 0   | 0                  | 225,325                        | 225,325         | 148,531                                  | 1,249,841                         | 14,964                          | 0                       | 758                   | 0                           | 22,782                            | 5,682                      | 1,442,558       | 1,667,883     | 487,753   | 2,155,636  |   |
| Kansas                   | 63,943  | 0                  | 295,120                        | 359,063         | 432,345                                  | 922,940                           | 349                             | 0                       | 0                     | 0                           | 17,738                            | 29,974                     | 1,403,346       | 1,762,409     | 672,149   | 2,434,557  |   |
| Kentucky                 | 1,923   | 0                  | 1,298,179                      | 1,300,102       | 665,017                                  | 887,888                           | 54,000                          | 0                       | 25,471                | 0                           | 2,482,140                         | 276,617                    | 4,391,134       | 5,691,236     | 4,259,022                                       | 9,950,258  |   |
| Louisiana                | 14,312,607  | 2,200,341          | 714,015                        | 17,226,963      | 1,334,651                                | 2,337,873                         | 192,544                         | 0                       | 693                   | 0                           | 421,054                           | 152,818                    | 4,439,632       | 21,666,595    | 878,663   | 22,545,258                                       |   |
| Maine                    | 0   | 8                  | 12,291                         | 12,299          | 95,982                                   | 224,408                           | 12,604                          | 0                       | 0                     | 0                           | 0                                 | 38                         | 333,032         | 345,331       | 201,162   | 546,493  |   |
| Maryland                 | 0   | 0                  | 119,885                        | 119,885         | 53,310                                   | 292,633                           | 1,359                           | 7                       | 154,723               | 0                           | 0                                 | 22,255                     | 524,287         | 644,172       | 776,889   | 1,421,061  |   |
| Massachusetts            | 0   | 0                  | 1,457                          | 1,457           | 43,921                                   | 101,183                           | 4,307                           | 0                       | 0                     | 0                           | 495                               | 17,154                     | 167,060         | 168,517       | 225,300   | 393,817  |   |
| Michigan                 | 35,000  | 2,265,590          | 229,680                        | 2,530,270       | 345,487                                  | 1,070,617                         | 8,964                           | 0                       | 250                   | 0                           | 353,066                           | 67,973                     | 1,846,357       | 4,376,627     | 5,119,310                                       | 9,495,936  |   |
| Minnesota                | 0   | 4,539              | 69,948                         | 74,487          | 115,599                                  | 772,975                           | 1,200                           | 0                       | 0                     | 0                           | 106,420                           | 80,995                     | 1,077,189       | 1,151,676     | 439,944   | 1,591,620  |   |
| Mississippi              | 3,001,749   | 0                  | 133,198                        | 3,134,947       | 205,834                                  | 936,329                           | 21,662                          | 0                       | 0                     | 27,843                      | 867,480                           | 88,366                     | 2,147,514       | 5,282,460     | 521,130   | 5,803,590  |   |
| Missouri                 | 0   | 1,931,749          | 137,321                        | 2,069,070       | 1,041,071                                | 737,635                           | 11,754                          | 0                       | 7                     | 0                           | 19,521,624                        | 1,474,965                  | 22,787,056      | 24,856,126    | 603,677   | 25,459,803                                       |   |
| Montana                  | 0   | 29                 | 320,891                        | 320,920         | 36,207                                   | 296,425                           | 59                              | 4,442                   | 420                   | 0                           | 200,497                           | 6,280,072                  | 6,818,121       | 7,139,041     | 404,857   | 7,543,897  |   |
| Nebraska                 | 0   | 0                  | 231,155                        | 231,155         | 32,483                                   | 462,418                           | 353                             | 0                       | 0                     | 0                           | 0                                 | 166,880                    | 662,135         | 893,290       | 184,040   | 1,077,330  |   |
| Nevada                   | 0   | 1,143,012          | 249,926                        | 1,392,938       | 19,130                                   | 19,607                            | 315,138                         | 0                       | 16                    | 0                           | 70,889,731                        | 287,286,838                | 358,530,460     | 359,923,397   | 159,604   | 360,083,001                                      |   |
| New Hampshire            | 0   | 0                  | 2,226                          | 2,226           | 18,188                                   | 44,429                            | 57                              | 0                       | 0                     | 0                           | 0                                 | 0                          | 62,674          | 64,900        | 42,753  | 107,653  |   |
| New Jersey               | 0   | 26,336             | 0                              | 26,336          | 77,463                                   | 161,499                           | 6,881                           | 0                       | 0                     | 3,862                       | 0                                 | 80,920                     | 330,625         | 356,961       | 803,295   | 1,160,256  |   |
| New Mexico               | 5   | 0                  | 430,707                        | 430,712         | 66,733                                   | 49,639                            | 181                             | 0                       | 0                     | 0                           | 137,909                           | 2,608,133                  | 2,862,597       | 3,293,309     | 3,332,707                                       | 3,332,707  |   |
| New York                 | 0   | 163,500            | 153,319                        | 316,819         | 129,096                                  | 344,002                           | 20,309                          | 0                       | 0                     | 0                           | 261                               | 85,600                     | 579,268         | 896,087       | 1,611,284                                       | 2,507,371  |   |
| North Carolina           | 0   | 33,635             | 2,256,475                      | 2,290,110       | 256,963                                  | 1,352,585                         | 45,957                          | 0                       | 99                    | 5,300                       | 1,472,548                         | 852,256                    | 3,985,709       | 6,275,819     | 578,788   | 6,854,606  |   |
| North Dakota             | 0   | 0                  | 191,820                        | 191,820         | 42,857                                   | 570,657                           | 599                             | 16                      | 0                     | 0                           | 226,766                           | 6,275                      | 847,170         | 1,038,990     | 406,600   | 1,445,590  |   |
| Northern Mariana Islands | 0   | 0                  | 0                              | 0               | 143                                      | 417                               | 76                              | 0                       | 0                     | 0                           | 1                                 | 0                          | 637             | 637           | 379   | 1,016  |   |
| Ohio                     | 3,173,762   | 799,325            | 1,649,826                      | 5,622,913       | 779,415                                  | 1,206,927                         | 43,166                          | 0                       | 115,723               | 96,603                      | 1,569,841                         | 44,226                     | 3,855,901       | 9,478,814     | 6,007,089                                       | 15,485,902                                       |   |
| Oklahoma                 | 0   | 2,676,513          | 50,449                         | 2,726,962       | 214,259                                  | 478,107                           | 7,010                           | 0                       | 1,153                 | 0                           | 16,119                            | 75,593                     | 792,241         | 3,519,203     | 224,568   | 3,743,771  |   |
| Oregon                   | 0   | 3,913,801          | 53,188                         | 3,966,989       | 238,584                                  | 522,280                           | 17,228                          | 0                       | 12                    | 4,211                       | 147                               | 7,743                      | 790,205         | 4,757,193     | 108,358   | 4,865,551  |   |
| Pennsylvania             | 0   | 0                  | 1,248,221                      | 1,248,221       | 527,725                                  | 1,574,698                         | 24,790                          | 0                       | 7,624                 | 5                           | 3,801,846                         | 560,393                    | 6,497,081       | 7,745,302     | 6,940,698                                       | 14,686,000                                       |   |
| Puerto Rico              | 0   | 0                  | 0                              | 0               | 115,421                                  | 217,054                           | 137                             | 0                       | 0                     | 0                           | 0                                 | 8,098                      | 340,710         | 340,710       | 76,646  | 417,356  |   |
| Rhode Island             | 0   | 0                  | 0                              | 0               | 5,059                                    | 41,112                            | 26                              | 0                       | 0                     | 0                           | 0                                 | 1,350                      | 47,547          | 47,547        | 36,074  | 83,621   |   |
| South Carolina           | 0   | 323                | 234,214                        | 234,537         | 1,287,368                                | 1,967,724                         | 101,735                         | 0                       | 203                   | 0                           | 448,155                           | 276,200                    | 4,081,384       | 4,315,922     | 1,344,189                                       | 5,660,111  |   |
| South Dakota             | 0   | 0                  | 830,260                        | 830,260         | 16,507                                   | 237,025                           | 651                             | 0                       | 0                     | 0                           | 72                                | 1                          | 254,255         | 1,084,515     | 5,528   | 1,090,043  |   |
| Tennessee                | 0   | 4,668              | 2,387,502                      | 2,392,170       | 578,295                                  | 2,100,555                         | 43,799                          | 0                       | 1                     | 0                           | 4,303,482                         | 56,409                     | 7,082,180       | 9,474,350     | 1,131,488                                       | 10,605,838                                       |   |
| Texas                    | 16,001,231  | 1,214,143          | 2,109,446                      | 19,324,819      | 2,684,134                                | 5,562,825                         | 61,926                          | 0                       | 91,239                | 2                           | 604,234                           | 446,497                    | 9,450,857       | 28,775,676    | 6,032,523                                       | 34,808,200                                       |   |
| Utah                     | 0   | 3,427,258          | 3,797,824                      | 7,225,083       | 57,098                                   | 148,818                           | 2,273                           | 0                       | 619                   | 0                           | 26,320,043                        | 58,377,227                 | 84,906,078      | 92,131,161    | 270,374   | 92,401,535                                       |   |
| Vermont                  | 0   | 0                  | 3                              | 3               | 398                                      | 14,384                            | 0                               | 0                       | 0                     | 0                           | 0                                 | 11,105                     | 25,886          | 25,889        | 41  | 25,929   |   |
| Virgin Islands           | 0   | 0                  | 0                              | 0               | 10,344                                   | 35,002                            | 2                               | 0                       | 9,733                 | 0                           | 0                                 | 111                        | 55,192          | 55,192        | 19,012  | 74,204   |   |
| Virginia                 | 0   | 0                  | 329,128                        | 329,128         | 305,342                                  | 671,643                           | 21,482                          | 0                       | 4,730                 | 0                           | 248,868                           | 273,511                    | 1,525,576       | 1,854,704     | 593,413   | 2,448,117  |   |
| Washington               | 0   | 11,236             | 4,170,044                      | 4,181,280       | 258,110                                  | 664,542                           | 38,821                          | 3                       | 560                   | 0                           | 204,214                           | 167,760                    | 1,334,009       | 5,515,288     | 294,357   | 5,809,645  |   |
| West Virginia            | 0   | 63                 | 1,714,175                      | 1,714,238       | 242,616                                  | 460,816                           | 16,242                          | 0                       | 41,234                | 0                           | 572,809                           | 54,150                     | 1,387,867       | 3,102,105     | 1,715,986                                       | 4,818,092  |   |
| Wisconsin                | 0   | 0                  | 18,884                         | 18,884          | 287,106                                  | 700,487                           | 6,313                           | 0                       | 0                     | 0                           | 54                                | 58,728                     | 1,052,688       | 1,071,571     | 1,274,044                                       | 2,345,615  |   |
| Wyoming                  | 0   | 0                  | 395,433                        | 395,433         | 56,986                                   | 103,503                           | 21                              | 0                       | 2                     | 0                           | 88,120                            | 372                        | 249,003         | 644,437       | 67,376  | 711,813  |   |
| Total                    | 36,664,624  | 32,891,450         | 34,884,910                     | 104,440,984     | 18,210,432                               | 42,208,264                        | 1,463,186                       | 10,421,565              | 741,179               | 425,683                     | 262,360,878                       | 607,274,772                | 943,105,958     | 1,047,546,942 | 63,896,000                                      | 1,111,442,942                                    |   |

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Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Carcinogens

|   |                 |       |            |                    | On-site Disposal or Other Releases  |                                  |                                |                 |  |                                   |                                 |                         |                       |   |                                   |                            |                 |             | Total On-site Disposal or Other Releases Pounds |
|---|-----------------|-------|------------|--------------------|---|----------------------------------|--------------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|---|-----------------------------------|----------------------------|-----------------|-------------|---|
|   |                 |       |            |                    | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                  |                                |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |   |                                   |                            |                 |             |   |
|   |                 |       |            |                    |   |                                  |                                |                 |  |                                   |                                 |                         |                       |   |                                   |                            |                 |             |   |
| Facility  | City            | State | NAICS Code | Total Forms Number | Class I Wells Pounds  | RCRA Subtitle C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |             |   |
| Red Dog Operations                                      | Kotzebue        | AK    | 2122       | 7                  | 0   | 0                                | 0                              | 0               | 6,963                                    | 443                               | 61                              | 0                       | 0                     | 0   | 109,578,458                       | 211,176,066                | 320,761,991     | 320,761,991 |   |
| Newmont Mining Corp Twin Creeks Mine                    | Golconda        | NV    | 2122       | 5                  | 0   | 0                                | 1,661                          | 1,661           | 4,690                                    | 272                               | 9                               | 0                       | 0                     | 0   | 33,838,802                        | 118,135,875                | 151,979,648     | 151,981,309 |   |
| Newmont Mining Corp Copper Canyon Facility              | Battle Mountain | NV    | 2122       | 3                  | 0   | 0                                | 0                              | 0               | 5,418                                    | 2                                 | 0                               | 0                       | 0                     | 0   | 4,639,000                         | 140,000,210                | 144,644,630     | 144,644,630 |   |
| Kennecott Utah Copper Mine Concentrators & Power Plant  | Bingham Canyon  | UT    | 2122       | 6                  | 0   | 0                                | 11,647                         | 11,647          | 1,083                                    | 194                               | 1,123                           | 0                       | 469                   | 0   | 18,740,036                        | 58,342,965                 | 77,085,869      | 77,097,516  |   |
| Cortez Gold Mines                                       | Crescent Valley | NV    | 2122       | 5                  | 0   | 0                                | 1,185                          | 1,185           | 557                                      | 1                                 | 0                               | 0                       | 0                     | 0   | 10,662,369                        | 9,207,601                  | 19,870,529      | 19,871,713  |   |
| Hecia Greens Creek Mining Co                            | Juneau          | AK    | 2122       | 3                  | 0   | 0                                | 0                              | 0               | 179                                      | 513                               | 26                              | 10,417,028              | 0                     | 0   | 7,678,040                         | 18,095,786                 | 18,095,786      | 18,095,786  |   |
| Barrick Goldstrike Mines Inc                            | Elko            | NV    | 2122       | 8                  | 0   | 0                                | 2,693                          | 2,693           | 539                                      | 141                               | 0                               | 0                       | 0                     | 0   | 12,519,065                        | 3,927,403                  | 16,447,148      | 16,449,841  |   |
| Monsanto Luling   | Luling          | LA    | 325        | 13                 | 10,122,500  | 0                                | 0                              | 10,122,500      | 2,300                                    | 36,000                            | 6,590                           | 0                       | 0                     | 0   | 0                                 | 0                          | 44,890          | 10,167,390  |   |
| Ruby Hill Mine  | Eureka          | NV    | 2122       | 2                  | 0   | 0                                | 0                              | 0               | 308                                      | 0                                 | 0                               | 0                       | 0                     | 0   | 7                                 | 10,042,530                 | 10,042,845      | 10,042,845  |   |
| Newmont Mining Corp - Carlin South Area                 | Carlin          | NV    | 2122       | 5                  | 0   | 0                                | 275                            | 275             | 625                                      | 204                               | 0                               | 0                       | 0                     | 16  | 0                                 | 8,462,000                  | 830,000         | 9,292,845   | 9,293,120                                       |
| Buick Mine/Mill   | Boss            | MO    | 2122       | 2                  | 0   | 0                                | 0                              | 0               | 8,691                                    | 220                               | 4,559                           | 0                       | 0                     | 0   | 8,584,760                         | 72,020                     | 8,670,250       | 8,670,250   |   |
| Kennecott Utah Copper Smelter & Refinery                | Magna           | UT    | 331        | 7                  | 0   | 0                                | 77,863                         | 77,863          | 1,769                                    | 9,304                             | 1,076                           | 0                       | 5                     | 0   | 7,498,079                         | 1,305                      | 7,511,538       | 7,589,401   |   |
| Ineos USA LLC Green Lake Plant                          | Port Lavaca     | TX    | 325        | 6                  | 7,075,826   | 0                                | 0                              | 7,075,826       | 1,812                                    | 12,587                            | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 14,399          | 7,090,225   |   |
| Ascend Performance Materials - Chocolate Bayou Facility | Alvin           | TX    | 325        | 13                 | 6,546,676   | 10                               | 0                              | 6,546,686       | 9,182                                    | 51,125                            | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 60,307          | 6,606,994   |   |
| Pogo Mine   | Delta Junction  | AK    | 2122       | 7                  | 0   | 0                                | 0                              | 0               | 278                                      | 10                                | 30                              | 0                       | 0                     | 0   | 0                                 | 5,162,800                  | 5,163,118       | 5,163,118   |   |
| Fletcher Mine/Mill                                      | Centerville     | MO    | 2122       | 1                  | 0   | 0                                | 0                              | 0               | 3,155                                    | 80                                | 3,437                           | 0                       | 0                     | 0   | 4,699,920                         | 0                          | 4,706,592       | 4,706,592   |   |
| US DOE Hanford Site                                     | Richland        | WA    | ZZZ        | 2                  | 0   | 11,143                           | 4,166,028                      | 4,177,171       | 6  | 1                                 | 0                               | 0                       | 0                     | 0   | 1                                 | 9,184                      | 9,192           | 4,186,363   |   |
| Montana Resources LLP                                   | Butte           | MT    | 2122       | 3                  | 0   | 0                                | 0                              | 0               | 250                                      | 0                                 | 0                               | 0                       | 0                     | 0   | 106,246                           | 4,044,342                  | 4,150,838       | 4,150,838   |   |
| Nyrstar Clarksville Inc                                 | Clarksville     | TN    | 2122       | 2                  | 0   | 0                                | 0                              | 0               | 7  | 1,355                             | 1,009                           | 0                       | 0                     | 0   | 4,144,125                         | 0                          | 4,146,496       | 4,146,496   |   |
| Hecia Ltd Lucky Friday Mine Unit                        | Mullan          | ID    | 2122       | 4                  | 0   | 0                                | 0                              | 0               | 26                                       | 86                                | 62                              | 0                       | 0                     | 0   | 1,430,577                         | 2,581,894                  | 4,012,645       | 4,012,645   |   |
| Brushy Creek Mine/Mill                                  | Boss            | MO    | 2122       | 1                  | 0   | 0                                | 0                              | 0               | 2,067                                    | 0                                 | 1,210                           | 0                       | 0                     | 0   | 3,965,920                         | 0                          | 3,969,197       | 3,969,197   |   |
| Chemical Waste Management of the Northwest Inc          | Arlington       | OR    | 562        | 15                 | 0   | 3,913,801                        | 39,155                         | 3,952,956       | 43                                       | 3,462                             | 0                               | 0                       | 0                     | 4,211                                       | 0                                 | 0                          | 7,715           | 3,960,671   |   |
| US Steel Corp Great Lakes Works                         | Ecorse          | MI    | 331        | 7                  | 0   | 0                                | 0                              | 0               | 79                                       | 45,039                            | 33                              | 0                       | 0                     | 0   | 0                                 | 0                          | 45,151          | 45,151      |   |
| Clean Harbors Buttonwillow LLC                          | Buttonwillow    | CA    | 562        | 11                 | 0   | 3,369,862                        | 445,758                        | 3,815,620       | 215                                      | 4                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 219             | 3,815,839   |   |
| Max Environmental - Yukon Facility                      | Yukon           | PA    | 562        | 3                  | 0   | 0                                | 0                              | 0               | 3,455                                    | 0                                 | 530                             | 0                       | 0                     | 0   | 3,801,102                         | 0                          | 3,805,087       | 3,805,087   |   |
| Cripple Creek & Victor Gold Mining Co                   | Victor          | CO    | 2122       | 1                  | 0   | 0                                | 0                              | 0               | 82                                       | 0                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 3,759,614                  | 3,759,696       | 3,759,696   |   |
| Quemetco Inc  | Indianapolis    | IN    | 331        | 4                  | 0   | 0                                | 0                              | 0               | 0  | 981                               | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 981             | 981         |   |
| Chemical Waste Management Inc                           | Kettleman City  | CA    | 562        | 11                 | 0   | 3,405,671                        | 2,957                          | 3,408,628       | 561                                      | 38                                | 0                               | 0                       | 0                     | 14  | 0                                 | 0                          | 613             | 3,409,241   |   |
| Chemical Waste Management                               | Emelle          | AL    | 562        | 13                 | 0   | 3,317,689                        | 0                              | 3,317,689       | 6  | 686                               | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 692             | 3,318,380   |   |
| Freeport-McMoran Miami Inc                              | Claypool        | AZ    | 2122       | 7                  | 0   | 0                                | 0                              | 0               | 10,790                                   | 6,670                             | 516                             | 0                       | 0                     | 0   | 2,550                             | 3,147,000                  | 3,167,526       | 3,167,526   |   |
| Invista SARL - Orange Site                              | Orange          | TX    | 325        | 5                  | 53,000  | 0                                | 0                              | 53,000          | 14,500                                   | 60,274                            | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 74,774          | 127,774     |   |
| North American Stainless                                | Ghent           | KY    | 331        | 3                  | 0   | 0                                | 0                              | 0               | 0  | 10,737                            | 2,332                           | 0                       | 0                     | 0   | 0                                 | 0                          | 13,069          | 13,069      |   |
| DuPont Delisle Plant                                    | Pass Christian  | MS    | 325        | 8                  | 3,001,749   | 0                                | 35,457                         | 3,037,206       | 0  | 220                               | 253                             | 0                       | 0                     | 0   | 0                                 | 0                          | 473             | 3,037,679   |   |
| Heritage Environmental Services LLC                     | Indianapolis    | IN    | 562        | 3                  | 0   | 0                                | 0                              | 0               | 0  | 251                               | 260                             | 0                       | 0                     | 0   | 0                                 | 0                          | 511             | 511         |   |
| EnergySolutions LLC                                     | Clive           | UT    | 562        | 7                  | 0   | 1,160,571                        | 1,575,760                      | 2,736,331       | 0  | 0                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 0               | 2,736,331   |   |
| Angus Chemical Co                                       | Sterlington     | LA    | 325        | 4                  | 2,685,423   | 0                                | 0                              | 2,685,423       | 1,892                                    | 36,127                            | 353                             | 0                       | 0                     | 0   | 50                                | 0                          | 38,422          | 2,723,845   |   |
| Clean Harbors Lone Mountain LLC Lone Mountain Facility  | Waynoka         | OK    | 562        | 9                  | 0   | 2,676,513                        | 322                            | 2,676,835       | 0  | 72                                | 83                              | 0                       | 0                     | 0   | 0                                 | 0                          | 155             | 2,676,989   |   |
| ASARCO Ray Complex/ Hayden Smelter & Concentrator       | Hayden          | AZ    | 331        | 6                  | 0   | 0                                | 0                              | 0               | 10,278                                   | 3,739                             | 0                               | 0                       | 0                     | 0   | 0                                 | 2,658,570                  | 2,672,587       | 2,672,587   |   |
| Wayne Disposal Inc                                      | Belleville      | MI    | 562        | 21                 | 0   | 2,242,187                        | 0                              | 2,242,187       | 4  | 42                                | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 46              | 2,242,233   |   |
| Thompson Creek Mining Co                                | Clayton         | ID    | 2122       | 2                  | 0   | 0                                | 0                              | 0               | 4  | 3                                 | 0                               | 0                       | 0                     | 0   | 708,270                           | 1,760,868                  | 2,469,145       | 2,469,145   |   |
| Freeport-McMoran Tyrone Inc                             | Tyrone          | NM    | 2122       | 2                  | 0   | 0                                | 0                              | 0               | 847                                      | 0                                 | 79                              | 0                       | 0                     | 0   | 0                                 | 2,430,000                  | 2,430,926       | 2,430,926   |   |
| Mesquite Mine   | Brawley         | CA    | 2122       | 1                  | 0   | 0                                | 0                              | 0               | 8  | 0                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 2,381,776                  | 2,381,784       | 2,381,784   |   |
| Ineos USA LLC   | Lima            | OH    | 325        | 11                 | 2,305,627   | 0                                | 0                              | 2,305,627       | 5,682                                    | 37,410                            | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 43,092          | 2,348,719   |   |
| Sanders Lead Co Inc                                     | Troy            | AL    | 331        | 4                  | 0   | 0                                | 2,299,738                      | 2,299,738       | 2,572                                    | 534                               | 424                             | 0                       | 0                     | 0   | 0                                 | 0                          | 3,530           | 2,303,268   |   |
| Clean Harbors Grassy Mountain LLC                       | Grantsville     | UT    | 562        | 10                 | 0   | 2,266,687                        | 0                              | 2,266,687       | 11                                       | 0                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 11              | 2,266,698   |   |
| Golden Sunlight Mines Inc                               | Whitehall       | MT    | 2122       | 1                  | 0   | 0                                | 163                            | 163             | 163                                      | 0                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 2,215,042                  | 2,215,205       | 2,215,368   |   |
| Chemical Waste Management - Lake Charles Facility       | Sulphur         | LA    | 562        | 8                  | 0   | 2,199,932                        | 0                              | 2,199,932       | 102                                      | 0                                 | 0                               | 0                       | 0                     | 0   | 0                                 | 0                          | 102             | 2,200,034   |   |
| Freeport-McMoran Sierrita Inc                           | Green Valley    | AZ    | 2122       | 5                  | 0   | 0                                | 0                              | 0               | 99                                       | 18                                | 0                               | 0                       | 0                     | 0   | 1,276,000                         | 821,010                    | 2,097,128       | 2,097,128   |   |
| Sweetwater Mine/Mill                                    | Ellington       | MO    | 2122       | 1                  | 0   | 0                                | 0                              | 0               | 3,014                                    | 0                                 | 460                             | 0                       | 0                     | 0   | 2,026,000                         | 0                          | 2,029,474       | 2,029,474   |   |
| Buick Resource Recycling Facility LLC                   | Boss            | MO    | 331        | 4                  | 0   | 1,846,051                        | 0                              | 1,846,051       | 26,204                                   | 8,776                             | 430                             | 0                       | 0                     | 0   | 0                                 | 0                          | 35,410          | 1,881,461   |   |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at <http://www.epa.gov/tri/tridata>.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M84, M91), and Unknown (M89) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Carcinogens

| Facility  | Off-site Disposal or Other Releases  |                                  |                        |                 |   |  |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |  |  |
|---|--|----------------------------------|------------------------|-----------------|---|--|--|--|-------------------------|---|-----------------------------------|-----------------------|----------------------------|----------------------------------|---|----------------|-----------------|--|--|
|   | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                  |                        |                 | Other Off-site Disposal or Other Releases |  |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |  |  |
|   | Class I Wells Pounds   | RCRA Subtitle C Landfills Pounds | Other Landfills Pounds | Subtotal Pounds | Storage Only Pounds                       | Solidification/Stabilization (Metals and Metal Category Compounds Only) Pounds | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds | Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds | Class II-V Wells Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Land Treatment Pounds | Other Land Disposal Pounds | Other Off-site Management Pounds | Transfers to Waste Broker for Disposal Pounds | Unknown Pounds | Subtotal Pounds | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |
|   |  |                                  |                        |                 |   |  |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |  |  |
| Red Dog Operations                                      | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 19             | 19              | 19   | 320,762,010  |
| Newmont Mining Corp Twin Creeks Mine                    | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 151,981,309  |
| Newmont Mining Corp Copper Canyon Facility              | 0  | 862                              | 0                      | 862             | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 862  | 144,645,492  |
| Kennecott Utah Copper Mine Concentrators & Power Plant  | 0  | 0                                | 0                      | 0               | 0   | 242  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 865   | 0              | 1,107           | 1,107  | 77,098,623   |
| Cortez Gold Mines                                       | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 19,871,713   |
| Hecia Greens Creek Mining Co                            | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 18,095,786   |
| Barrick Goldstrike Mines Inc                            | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 16,448,841   |
| Monsanto Luling   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 10,167,390   |
| Ruby Hill Mine  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 10,042,845   |
| Newmont Mining Corp - Carlin South Area                 | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 9,293,120  |
| Buick Mine/Mill   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 8,670,250  |
| Kennecott Utah Copper Smelter & Refinery                | 0  | 0                                | 316                    | 316             | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 9,658   | 0              | 9,658           | 9,974  | 7,595,375  |
| Ineos USA LLC Green Lake Plant                          | 0  | 0                                | 0                      | 0               | 0   | 16   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 16             | 16              | 16   | 7,090,241  |
| Ascend Performance Materials - Chocolate Bayou Facility | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 6,606,994  |
| Pogo Mine   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 5,163,118  |
| Fletcher Mine/Mill                                      | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 4,706,592  |
| US DOE Hanford Site                                     | 0  | 0                                | 0                      | 0               | 0   | 3,440  | 0  | 0  | 0                       | 0   | 0                                 | 33                    | 2,327                      | 0                                | 1,605   | 1,958          | 9,364           | 9,364  | 4,195,727  |
| Montana Resources LLP                                   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 10                    | 0                          | 0                                | 0   | 0              | 0               | 0  | 4,150,838  |
| Nyrstar Clarksville Inc                                 | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 4,146,496  |
| Hecia Ltd Lucky Friday Mine Unit                        | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 4,012,645  |
| Brushy Creek Mine/Mill                                  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 3,969,197  |
| Chemical Waste Management of the Northwest Inc          | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 32                               | 0   | 0              | 32              | 32   | 3,960,703  |
| US Steel Corp Great Lakes Works                         | 0  | 0                                | 3,788,342              | 3,788,342       | 0   | 2,665  | 0  | 20   | 0                       | 0   | 0                                 | 0                     | 0                          | 675                              | 0   | 0              | 3,360           | 3,791,702  | 3,836,853  |
| Clean Harbors Buttonwillow LLC                          | 0  | 0                                | 0                      | 0               | 10,488                                    | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 7                                | 0   | 0              | 10,496          | 10,496   | 3,828,334  |
| Max Environmental - Yukon Facility                      | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 3,805,069  |
| Cripple Creek & Victor Gold Mining Co                   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 3,759,696  |
| Quemeltco Inc   | 0  | 869,024                          | 2,618,878              | 3,487,902       | 0   | 0  | 0  | 81   | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 81              | 3,487,983  | 3,488,964  |
| Chemical Waste Management Inc                           | 0  | 0                                | 0                      | 0               | 0   | 0  | 189  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 49,458                           | 0   | 0              | 49,646          | 49,646   | 3,458,887  |
| Chemical Waste Management                               | 0  | 0                                | 0                      | 0               | 17  | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 13,320                     | 0                                | 0   | 0              | 13,337          | 13,337   | 3,331,717  |
| Freeport-McMoran Miami Inc                              | 0  | 0                                | 0                      | 0               | 0   | 5  | 5  | 46   | 0                       | 0   | 0                                 | 0                     | 10,650                     | 0                                | 0   | 10             | 10,717          | 10,717   | 3,178,242  |
| Invista SARL - Orange Site                              | 0  | 32,200                           | 0                      | 32,200          | 0   | 0  | 1,600,515  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 1,304,761                        | 110,000                                       | 0              | 3,015,276       | 3,047,476  | 3,175,250  |
| North American Stainless                                | 0  | 2,582,581                        | 404,820                | 2,987,401       | 0   | 0  | 0  | 0  | 0                       | 112,323                                     | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 112,323         | 3,099,724  | 3,112,792  |
| DuPont Delisle Plant                                    | 0  | 0                                | 111                    | 111             | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 111             | 111  | 3,037,790  |
| Heritage Environmental Services LLC                     | 0  | 2,462,455                        | 33,600                 | 2,496,055       | 0   | 0  | 0  | 258  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 499,044                                       | 0              | 499,302         | 2,995,357  | 2,995,868  |
| EnergySolutions LLC                                     | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,736,331  |
| Angus Chemical Co                                       | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 2,474                            | 1,050   | 0              | 3,524           | 3,524  | 2,727,389  |
| Clean Harbors Lone Mountain LLC Lone Mountain Facility  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,676,989  |
| ASARCO Ray Complex/ Hayden Smelter & Concentrator       | 0  | 20                               | 0                      | 20              | 0   | 0  | 0  | 1  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 1               | 21   | 2,672,608  |
| Wayne Disposal Inc                                      | 0  | 0                                | 255,866                | 255,866         | 0   | 0  | 0  | 134  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 134             | 256,000  | 2,498,233  |
| Thompson Creek Mining Co                                | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,469,145  |
| Freeport-McMoran Tyrone Inc                             | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,430,926  |
| Mesquite Mine   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,381,784  |
| Ineos USA LLC   | 0  | 32                               | 890                    | 922             | 0   | 0  | 55   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 55              | 977  | 2,349,696  |
| Sanders Lead Co Inc                                     | 0  | 0                                | 2                      | 2               | 0   | 0  | 0  | 18   | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 18              | 20   | 2,303,288  |
| Clean Harbors Grassy Mountain LLC                       | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,266,698  |
| Golden Sunlight Mines Inc                               | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,215,368  |
| Chemical Waste Management - Lake Charles Facility       | 28   | 0                                | 0                      | 28              | 0   | 11,671   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 11,671          | 11,699   | 2,211,733  |
| Freeport-McMoran Sierrita Inc                           | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 5              | 5               | 5  | 2,097,133  |
| Sweetwater Mine/Mill                                    | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 0  | 2,029,474  |
| Buck Resource Recycling Facility LLC                    | 0  | 0                                | 110,416                | 110,416         | 0   | 0  | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 110,416  | 1,991,877  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M84, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: Lead and Lead Compounds

| NAICS<br>Code Industry            |         | On-site Disposal or Other Releases   |  |                                      |                    |                                     |  |                                       |                               |                             |  |   |                                  |                    |  |             | Total On-site<br>Disposal or<br>Other Releases<br>Pounds | Total Off-site<br>Disposal or<br>Other<br>Releases<br>Pounds | Total On-site<br>and Off-site<br>Disposal or<br>Other Releases<br>Pounds |
|-----------------------------------|---------|--|--|--------------------------------------|--------------------|-------------------------------------|--|---------------------------------------|-------------------------------|-----------------------------|--|---|----------------------------------|--------------------|--|-------------|--|--|--|
|                                   |         | On-site Disposal to Class I Underground Injection Wells, RCRA<br>Subtitle C Landfills, and Other Landfills |  |                                      |                    |                                     | Other On-site Disposal or Other Releases |                                       |                               |                             |  |   |                                  |                    |  |             |  |  |  |
|                                   |         | Class I Wells<br>Pounds  | RCRA Subtitle<br>C Landfills<br>Pounds | Other On-site<br>Landfills<br>Pounds | Subtotal<br>Pounds | Fugitive Air<br>Emissions<br>Pounds | Point Source<br>Air Emissions<br>Pounds  | Surface Water<br>Discharges<br>Pounds | Class II-V<br>Wells<br>Pounds | Land<br>Treatment<br>Pounds | RCRA Subtitle C<br>Surface<br>Impoundments<br>Pounds | Other Surface<br>Impoundments<br>Pounds | Other Land<br>Disposal<br>Pounds | Subtotal<br>Pounds | Total On-site<br>Disposal or<br>Other Releases<br>Pounds |             |  |  |  |
|                                   |         |  |  |                                      |                    |                                     |  |                                       |                               |                             |  |   |                                  |                    |  |             |  |  |  |
| 2121 Coal Mining                  | 0       | 0  | 345,641                                | 345,641                              | 62                 | 56                                  | 26                                       | 7                                     | 68,471                        | 0                           | 265,154  | 5,535                                   | 339,311                          | 684,952            | 9,483  | 694,435     |  |  |  |
| 2122 Metal Mining                 | 0       | 0  | 833,985                                | 833,985                              | 39,028             | 3,464                               | 10,592                                   | 9,021,470                             | 114                           | 45,214                      | 150,922,583  | 377,177,194                             | 537,219,659                      | 538,058,644        | 5,015  | 538,058,658 |  |  |  |
| 2211 Electric Utilities           | 30      | 0  | 3,166,739                              | 3,166,769                            | 2,687              | 97,907                              | 16,378                                   | 4                                     | 68,721                        | 0                           | 2,312,566  | 218,744                                 | 2,717,007                        | 5,883,776          | 1,293,437  | 7,177,213   |  |  |  |
| 311/312 Food/Beverages/Tobacco    | 0       | 0  | 0                                      | 0                                    | 17                 | 12,085                              | 692                                      | 0                                     | 660                           | 0                           | 690  | 3,959                                   | 18,104                           | 18,104             | 126,870  | 144,974     |  |  |  |
| 313/314 Textiles                  | 0       | 0  | 0                                      | 0                                    | 458                | 2,519                               | 2  | 0                                     | 0                             | 0                           | 726  | 0                                       | 3,705                            | 3,705              | 6,344  | 10,050      |  |  |  |
| 315 Apparel                       | 0       | 0  | 0                                      | 0                                    | 0                  | 0                                   | 0  | 0                                     | 0                             | 0                           | 0  | 0                                       | 0                                | 0                  | 4,211  | 4,211       |  |  |  |
| 316 Leather                       | 0       | 0  | 0                                      | 0                                    | 0                  | 0                                   | 0  | 0                                     | 0                             | 0                           | 0  | 0                                       | 0                                | 0                  | 433  | 433         |  |  |  |
| 321 Wood Products                 | 0       | 438  | 7,417                                  | 7,854                                | 70                 | 5,349                               | 43                                       | 0                                     | 486                           | 0                           | 141  | 1,969                                   | 8,058                            | 15,912             | 34,453   | 50,365      |  |  |  |
| 322 Paper                         | 0       | 0  | 159,698                                | 159,698                              | 121                | 23,605                              | 25,504                                   | 0                                     | 14,887                        | 0                           | 43,316   | 2,390                                   | 109,823                          | 269,520            | 210,968  | 480,489     |  |  |  |
| 323/51 Printing and Publishing    | 0       | 0  | 0                                      | 0                                    | 8                  | 32                                  | 0  | 0                                     | 0                             | 0                           | 0  | 0                                       | 40                               | 40                 | 1,607  | 1,647       |  |  |  |
| 324 Petroleum                     | 596     | 4  | 178                                    | 778                                  | 851                | 10,101                              | 5,683                                    | 17                                    | 5,686                         | 0                           | 2,497  | 921                                     | 25,757                           | 26,535             | 240,831  | 267,366     |  |  |  |
| 325 Chemicals                     | 190,279 | 421  | 1,251,625                              | 1,442,324                            | 1,533              | 10,217                              | 3,298                                    | 0                                     | 45                            | 0                           | 95,576   | 58,521                                  | 169,190                          | 1,611,515          | 501,071  | 2,112,585   |  |  |  |
| 326 Plastics and Rubber           | 0       | 0  | 2                                      | 2                                    | 67                 | 2,640                               | 18                                       | 0                                     | 0                             | 0                           | 2  | 1                                       | 2,728                            | 2,730              | 57,276   | 60,006      |  |  |  |
| 327 Stone/Clay/Glass              | 1,922   | 325  | 24,219                                 | 26,467                               | 2,814              | 22,975                              | 74                                       | 0                                     | 8                             | 1                           | 4,266  | 115,262                                 | 145,399                          | 171,865            | 410,786  | 582,652     |  |  |  |
| 32731 Cement                      | 0       | 0  | 206,122                                | 206,122                              | 856                | 3,383                               | 275                                      | 0                                     | 0                             | 0                           | 27   | 170                                     | 4,710                            | 210,832            | 1,795  | 212,627     |  |  |  |
| 331 Primary Metals                | 1,657   | 1,905,953  | 4,737,244                              | 6,644,854                            | 72,122             | 199,539                             | 11,128                                   | 0                                     | 2                             | 0                           | 3,824,832  | 3,254,805                               | 7,362,429                        | 14,007,283         | 12,426,238   | 26,433,521  |  |  |  |
| 332 Fabricated Metals             | 0       | 4  | 27                                     | 31                                   | 4,365              | 9,019                               | 1,779                                    | 0                                     | 4,723                         | 0                           | 3  | 29,752                                  | 49,640                           | 49,671             | 619,107  | 668,778     |  |  |  |
| 333 Machinery                     | 0       | 0  | 500                                    | 500                                  | 2,552              | 792                                 | 1,743                                    | 3                                     | 0                             | 0                           | 0  | 45                                      | 5,134                            | 5,634              | 32,303   | 37,937      |  |  |  |
| 334 Computers/Electronic Products | 0       | 0  | 0                                      | 0                                    | 586                | 795                                 | 82                                       | 0                                     | 0                             | 0                           | 0  | 3                                       | 1,466                            | 1,466              | 103,757  | 105,223     |  |  |  |
| 335 Electrical Equipment          | 0       | 0  | 5                                      | 5                                    | 2,392              | 14,165                              | 424                                      | 0                                     | 0                             | 0                           | 170  | 209                                     | 17,361                           | 17,366             | 785,927  | 803,293     |  |  |  |
| 336 Transportation Equipment      | 0       | 0  | 0                                      | 0                                    | 3,863              | 4,773                               | 593                                      | 0                                     | 0                             | 0                           | 0  | 4,731                                   | 13,961                           | 13,961             | 76,389   | 90,350      |  |  |  |
| 337 Furniture                     | 0       | 0  | 0                                      | 0                                    | 370                | 489                                 | 1  | 0                                     | 474                           | 0                           | 0  | 0                                       | 1,334                            | 1,334              | 2,556  | 3,890       |  |  |  |
| 339 Miscellaneous Manufacturing   | 0       | 0  | 0                                      | 0                                    | 964                | 223                                 | 1  | 0                                     | 0                             | 0                           | 0  | 0                                       | 1,188                            | 1,188              | 28,071   | 29,259      |  |  |  |
| 4246 Chemical Wholesalers         | 0       | 0  | 0                                      | 0                                    | 0                  | 21                                  | 0  | 0                                     | 0                             | 0                           | 0  | 0                                       | 21                               | 21                 | 4,039  | 4,060       |  |  |  |
| 4247 Petroleum Bulk Terminals     | 0       | 0  | 0                                      | 0                                    | 9                  | 12                                  | 38                                       | 0                                     | 0                             | 0                           | 0  | 0                                       | 59                               | 59                 | 3,494  | 3,552       |  |  |  |
| 562 Hazardous Waste Management    | 280,226 | 9,027,316  | 51,605                                 | 9,359,147                            | 3,663              | 1,200                               | 545                                      | 0                                     | 0                             | 1                           | 3,667,486  | 99,765                                  | 3,772,661                        | 13,131,807         | 2,119,865  | 15,251,673  |  |  |  |
| No TRI NAICS Code                 | 0       | 101,470  | 4,180,553                              | 4,282,023                            | 189,114            | 4,577                               | 3,829                                    | 0                                     | 3,755                         | 3,862                       | 25,707   | 4,180,469                               | 4,411,314                        | 8,693,337          | 817,948  | 9,511,285   |  |  |  |
| Total                             | 474,710 | 11,035,930   | 14,965,560                             | 26,476,200                           | 328,574            | 429,938                             | 82,748                                   | 9,021,500                             | 168,034                       | 49,078                      | 161,165,743  | 385,154,446                             | 556,400,059                      | 582,876,259        | 19,924,273   | 602,800,532 |  |  |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

## TRI On-site and Off-site Disposal or Other Releases, by State, 2010: Lead and Lead Compounds

| State                    | On-site Disposal or Other Releases  |                                     |                                   |                    |  |                                      |                                    |                            |                          |                                |                                      |                               |                    | Total On-site Disposal or Other Releases<br>Pounds | Total Off-site Disposal or Other Releases<br>Pounds |             |
|--------------------------|---|-------------------------------------|-----------------------------------|--------------------|--|--------------------------------------|------------------------------------|----------------------------|--------------------------|--------------------------------|--------------------------------------|-------------------------------|--------------------|--|---|-------------|
|                          | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                     |                                   |                    | Other On-site Disposal or Other Releases |                                      |                                    |                            |                          |                                |                                      |                               |                    |  |   |             |
|                          |   |                                     |                                   |                    | RCRA Subtitle C                          |                                      |                                    |                            |                          |                                |                                      |                               |                    |  |   |             |
|                          | Class I Wells<br>Pounds   | RCRA Subtitle C Landfills<br>Pounds | Other On-site Landfills<br>Pounds | Subtotal<br>Pounds | Fugitive Air Emissions<br>Pounds         | Point Source Air Emissions<br>Pounds | Surface Water Discharges<br>Pounds | Class II-V Wells<br>Pounds | Land Treatment<br>Pounds | Surface Impoundments<br>Pounds | Other Surface Impoundments<br>Pounds | Other Land Disposal<br>Pounds | Subtotal<br>Pounds |  |   |             |
| Alabama                  | 0   | 93,184                              | 2,408,620                         | 2,501,804          | 17,545                                   | 9,849                                | 6,517                              | 0                          | 1,106                    | 0                              | 418,428                              | 144,678                       | 598,122            | 3,099,926  | 441,362   | 3,541,288   |
| Alaska                   | 0   | 0                                   | 2,588                             | 2,588              | 7,819                                    | 1,341                                | 58                                 | 9,017,028                  | 0                        | 0                              | 108,897,386                          | 218,583,651                   | 336,507,283        | 336,509,871  | 3,075   | 336,512,946 |
| Arizona                  | 0   | 0                                   | 91,929                            | 91,929             | 14,766                                   | 5,181                                | 1                                  | 0                          | 63                       | 0                              | 6,049,975                            | 6,690,503                     | 12,760,490         | 12,852,419   | 24,472  | 12,876,891  |
| Arkansas                 | 0   | 416                                 | 77,946                            | 78,362             | 2,333                                    | 7,640                                | 1,561                              | 0                          | 12,883                   | 0                              | 9,403                                | 36,927                        | 70,747             | 149,109  | 160,422   | 309,532     |
| California               | 0   | 1,214,417                           | 3,983                             | 1,218,400          | 4,632                                    | 4,054                                | 671                                | 0                          | 3,753                    | 1                              | 238                                  | 2,819,099                     | 2,832,446          | 4,050,846  | 408,054   | 4,458,900   |
| Colorado                 | 0   | 679,646                             | 79,109                            | 758,755            | 1,438                                    | 1,263                                | 10                                 | 0                          | 19                       | 0                              | 1,410,220                            | 3,858,460                     | 5,271,409          | 6,030,164  | 64,903  | 6,095,067   |
| Connecticut              | 0   | 0                                   | 478                               | 478                | 1,120                                    | 350                                  | 157                                | 0                          | 0                        | 0                              | 0                                    | 986                           | 2,612              | 3,090  | 61,878  | 64,968      |
| Delaware                 | 0   | 0                                   | 5,347                             | 5,347              | 471                                      | 854                                  | 1,140                              | 0                          | 0                        | 0                              | 57                                   | 0                             | 2,523              | 7,870  | 45,607  | 53,477      |
| District of Columbia     | 0   | 0                                   | 0                                 | 0                  | 0  | 31                                   | 0                                  | 0                          | 0                        | 0                              | 0                                    | 0                             | 31                 | 31   | 42  | 73          |
| Florida                  | 0   | 0                                   | 973,608                           | 973,608            | 1,270                                    | 6,872                                | 1,437                              | 0                          | 593                      | 0                              | 7,492                                | 70,842                        | 88,505             | 1,062,113  | 156,429   | 1,218,542   |
| Georgia                  | 0   | 0                                   | 42,436                            | 42,436             | 1,586                                    | 13,199                               | 1,292                              | 0                          | 13                       | 0                              | 302,780                              | 320,052                       | 638,922            | 681,359  | 65,943  | 747,302     |
| Guam                     | 0   | 0                                   | 0                                 | 0                  | 43                                       | 208                                  | 0                                  | 0                          | 0                        | 0                              | 26                                   | 3,070                         | 3,346              | 3,346  | 0   | 3,346       |
| Hawaii                   | 0   | 0                                   | 0                                 | 0                  | 1  | 774                                  | 22                                 | 5                          | 0                        | 0                              | 0                                    | 87,843                        | 88,646             | 88,646   | 4,470   | 93,115      |
| Idaho                    | 0   | 1,142,598                           | 11,757                            | 1,154,355          | 549                                      | 1,261                                | 307                                | 0                          | 222                      | 45,214                         | 2,098,897                            | 4,377,100                     | 6,523,550          | 7,677,905  | 267,656   | 7,945,561   |
| Illinois                 | 0   | 4,520                               | 119,662                           | 124,182            | 5,230                                    | 58,593                               | 3,860                              | 0                          | 4,046                    | 0                              | 85,998                               | 10,339                        | 168,066            | 292,248  | 1,454,487   | 1,746,735   |
| Indiana                  | 950   | 267                                 | 609,290                           | 610,507            | 8,572                                    | 41,256                               | 3,165                              | 0                          | 50,568                   | 0                              | 303,259                              | 163,195                       | 570,014            | 1,180,521  | 5,477,490   | 6,658,011   |
| Iowa                     | 0   | 0                                   | 62,223                            | 62,223             | 937                                      | 9,511                                | 2,244                              | 0                          | 0                        | 0                              | 8,247                                | 5,657                         | 26,596             | 88,818   | 184,126   | 272,945     |
| Kansas                   | 13  | 0                                   | 90,273                            | 90,286             | 3,652                                    | 5,396                                | 63                                 | 0                          | 0                        | 0                              | 442                                  | 28,105                        | 37,658             | 127,945  | 62,811  | 190,756     |
| Kentucky                 | 1,923   | 0                                   | 270,470                           | 272,393            | 7,835                                    | 13,089                               | 5,640                              | 0                          | 2,081                    | 0                              | 604,251                              | 268,953                       | 901,848            | 1,174,242  | 555,515   | 1,729,757   |
| Louisiana                | 696   | 300,409                             | 181,323                           | 482,428            | 1,022                                    | 7,208                                | 4,459                              | 0                          | 191                      | 0                              | 324,239                              | 61,846                        | 398,964            | 881,391  | 240,643   | 1,122,034   |
| Maine                    | 0   | 0                                   | 6,786                             | 6,786              | 12                                       | 1,831                                | 1,208                              | 0                          | 0                        | 0                              | 0                                    | 29                            | 3,080              | 9,866  | 44,168  | 54,034      |
| Maryland                 | 0   | 0                                   | 82,612                            | 82,612             | 192                                      | 740                                  | 196                                | 7                          | 13,722                   | 0                              | 0                                    | 21,782                        | 36,639             | 119,251  | 172,007   | 291,258     |
| Massachusetts            | 0   | 0                                   | 1,354                             | 1,354              | 266                                      | 602                                  | 23                                 | 0                          | 0                        | 0                              | 334                                  | 15,269                        | 16,494             | 17,848   | 43,406  | 61,254      |
| Michigan                 | 0   | 35,385                              | 73,120                            | 108,505            | 4,031                                    | 12,443                               | 519                                | 0                          | 0                        | 0                              | 61,317                               | 37,564                        | 115,874            | 224,380  | 467,245   | 691,624     |
| Minnesota                | 0   | 0                                   | 24,633                            | 24,633             | 795                                      | 11,111                               | 179                                | 0                          | 0                        | 0                              | 27,720                               | 44,056                        | 83,861             | 108,494  | 273,762   | 382,257     |
| Mississippi              | 189,576   | 0                                   | 35,742                            | 225,318            | 927                                      | 3,796                                | 989                                | 0                          | 0                        | 0                              | 7,037                                | 88,352                        | 101,100            | 326,419  | 93,596  | 420,015     |
| Missouri                 | 0   | 1,884,170                           | 42,511                            | 1,926,681          | 48,054                                   | 45,200                               | 10,315                             | 7                          | 0                        | 19,333,230                     | 1,315,534                            | 20,752,341                    | 22,679,021         | 177,557  | 22,856,578  |             |
| Montana                  | 0   | 29                                  | 102,596                           | 102,625            | 397                                      | 1,875                                | 9                                  | 4,442                      | 110                      | 0                              | 5,733                                | 5,911,042                     | 5,923,607          | 6,026,232  | 10,415  | 6,036,647   |
| Nebraska                 | 0   | 0                                   | 50,336                            | 50,336             | 1,978                                    | 4,035                                | 213                                | 0                          | 0                        | 0                              | 0                                    | 103,853                       | 110,079            | 160,415  | 36,462  | 196,877     |
| Nevada                   | 0   | 337,291                             | 45,407                            | 382,698            | 5,521                                    | 384                                  | 0                                  | 0                          | 16                       | 0                              | 6,906,011                            | 77,066,802                    | 83,978,733         | 84,361,432   | 25,904  | 84,387,335  |
| New Hampshire            | 0   | 0                                   | 226                               | 226                | 11                                       | 112                                  | 18                                 | 0                          | 0                        | 0                              | 0                                    | 0                             | 142                | 368  | 19,489  | 19,857      |
| New Jersey               | 0   | 244                                 | 0                                 | 244                | 547                                      | 931                                  | 597                                | 0                          | 0                        | 3,862                          | 0                                    | 76,323                        | 82,261             | 82,504   | 386,700   | 469,205     |
| New Mexico               | 0   | 0                                   | 185,657                           | 185,657            | 1,550                                    | 827                                  | 140                                | 0                          | 0                        | 0                              | 62,187                               | 2,572,825                     | 2,637,530          | 2,823,187  | 34,062  | 2,857,249   |
| New York                 | 0   | 59,700                              | 41,179                            | 100,879            | 1,371                                    | 6,320                                | 1,619                              | 0                          | 0                        | 0                              | 6                                    | 85,469                        | 94,785             | 195,665  | 1,016,742   | 1,212,406   |
| North Carolina           | 0   | 0                                   | 295,876                           | 295,876            | 1,763                                    | 9,302                                | 1,961                              | 0                          | 17                       | 0                              | 105,399                              | 491,047                       | 609,488            | 905,364  | 104,648   | 1,010,013   |
| North Dakota             | 0   | 0                                   | 30,278                            | 30,278             | 14                                       | 4,348                                | 416                                | 16                         | 0                        | 0                              | 31,410                               | 4,849                         | 41,052             | 71,331   | 45,938  | 117,269     |
| Northern Mariana Islands | 0   | 0                                   | 0                                 | 0                  | 1  | 0                                    | 0                                  | 0                          | 0                        | 0                              | 1                                    | 0                             | 2                  | 2  | 0   | 2           |
| Ohio                     | 9,550   | 432,000                             | 475,827                           | 917,377            | 5,571                                    | 22,700                               | 5,232                              | 0                          | 9,833                    | 0                              | 247,548                              | 30,033                        | 320,917            | 1,238,294  | 1,429,128   | 2,667,421   |
| Oklahoma                 | 0   | 644,276                             | 17,049                            | 661,325            | 485                                      | 6,057                                | 2,598                              | 0                          | 1,054                    | 0                              | 2,563                                | 72,230                        | 84,987             | 746,312  | 48,395  | 794,707     |
| Oregon                   | 0   | 2,495,110                           | 41,788                            | 2,536,898          | 212                                      | 1,771                                | 2,331                              | 0                          | 12                       | 0                              | 147                                  | 7,709                         | 12,181             | 2,549,079  | 60,219  | 2,609,298   |
| Pennsylvania             | 0   | 0                                   | 269,192                           | 269,192            | 22,936                                   | 38,604                               | 3,491                              | 0                          | 7,611                    | 1                              | 3,668,145                            | 53,151                        | 3,793,939          | 4,063,130  | 3,114,319   | 7,177,450   |
| Puerto Rico              | 0   | 0                                   | 0                                 | 0                  | 15                                       | 2,213                                | 80                                 | 0                          | 0                        | 0                              | 0                                    | 8,098                         | 10,406             | 10,406   | 10,544  | 20,951      |
| Rhode Island             | 0   | 0                                   | 0                                 | 0                  | 10                                       | 14                                   | 0                                  | 0                          | 0                        | 0                              | 0                                    | 1,350                         | 1,375              | 1,375  | 26,759  | 28,134      |
| South Carolina           | 0   | 323                                 | 65,581                            | 65,904             | 570                                      | 6,822                                | 757                                | 0                          | 203                      | 0                              | 79,970                               | 276,167                       | 364,489            | 430,392  | 173,866   | 604,259     |
| South Dakota             | 0   | 0                                   | 830,260                           | 830,260            | 129                                      | 140                                  | 651                                | 0                          | 0                        | 0                              | 72                                   | 1                             | 992                | 831,251  | 5,332   | 836,584     |
| Tennessee                | 0   | 9                                   | 386,548                           | 386,557            | 2,674                                    | 7,124                                | 2,322                              | 0                          | 1                        | 0                              | 3,994,978                            | 38,409                        | 4,045,507          | 4,432,064  | 373,582   | 4,805,645   |
| Texas                    | 272,002   | 128,898                             | 673,846                           | 1,074,745          | 7,207                                    | 17,741                               | 3,002                              | 0                          | 49,419                   | 0                              | 453,700                              | 439,297                       | 970,366            | 2,045,111  | 317,994   | 2,363,105   |
| Utah                     | 0   | 1,571,799                           | 1,479,975                         | 3,051,775          | 2,571                                    | 6,107                                | 43                                 | 0                          | 78                       | 0                              | 5,358,593                            | 58,375,379                    | 63,742,770         | 66,794,545   | 79,138  | 66,873,683  |
| Vermont                  | 0   | 0                                   | 0                                 | 0                  | 0  | 12                                   | 0                                  | 0                          | 0                        | 0                              | 0                                    | 11,105                        | 11,117             | 41   | 11,158  |             |
| Virgin Islands           | 0   | 0                                   | 0                                 | 0                  | 0  | 254                                  | 0                                  | 0                          | 140                      | 0                              | 0                                    | 1                             | 395                | 395  | 347   | 742         |
| Virginia                 | 0   | 0                                   | 72,863                            | 72,863             | 4,274                                    | 12,591                               | 6,016                              | 0                          | 4,724                    | 0                              | 47,703                               | 273,497                       | 348,805            | 421,668  | 478,195   | 899,863     |
| Washington               | 0   | 11,176                              | 4,169,844                         | 4,181,020          | 274                                      | 3,251                                | 3,863                              | 3                          | 224                      | 0                              | 134,999                              | 131,675                       | 274,289            | 4,455,309  | 92,381  | 4,547,690   |
| West Virginia            | 0   | 63                                  | 307,872                           | 307,935            | 3,444                                    | 5,235                                | 590                                | 0                          | 5,324                    | 0                              | 84,727                               | 18,378                        | 117,697            | 425,632  | 723,852   | 1,149,484   |
| Wisconsin                | 0   | 0                                   | 13,202                            | 13,202             | 129,859                                  | 6,357                                | 748                                | 0                          | 0                        | 0                              | 4                                    | 51,495                        | 188,463            | 201,665  | 345,963   | 547,628     |
| Wyoming                  | 0   | 0                                   | 112,358                           | 112,358            | 94                                       | 1,157                                | 18                                 | 0                          | 2                        | 0                              | 30,875                               | 372                           | 32,518             | 144,876  | 12,730  | 157,606     |
| Total                    | 474,710   | 11,035,930                          | 14,965,560                        | 26,476,200         | 328,574                                  | 429,938                              | 82,748                             | 9,021,500                  | 168,034                  | 49,078                         | 161,165,743                          | 385,154,446                   | 556,400,059        | 582,876,259  | 19,924,273  | 602,800,532 |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

11/18/11

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Lead and Lead Compounds

|  |  |  |  |  | On-site Disposal or Other Releases  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |  |  |  | Other On-site Disposal or Other Releases |  |  |  |  |  |  |  |  |  |  |
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Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at <http://www.epa.gov/tridata>.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M81), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/18/11

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Lead and Lead Compounds

| Facility  | Off-site Disposal or Other Releases  |                                  |                        |                 |   |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |             | Total On-site and Off-site Disposal or Other Releases Pounds |
|---|--|----------------------------------|------------------------|-----------------|---|--|--|-------------------------|---|-----------------------------------|-----------------------|----------------------------|----------------------------------|---|----------------|-----------------|-------------|--|
|   | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                  |                        |                 | Other Off-site Disposal or Other Releases |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |             |  |
|   | Class I Wells Pounds   | RCRA Subtitle C Landfills Pounds | Other Landfills Pounds | Subtotal Pounds | Storage Only Pounds                       | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds | Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds | Class II-V Wells Pounds | RCRA Subtitle C Surface Impoundments Pounds | Other Surface Impoundments Pounds | Land Treatment Pounds | Other Land Disposal Pounds | Other Off-site Management Pounds | Transfers to Waste Broker for Disposal Pounds | Unknown Pounds | Subtotal Pounds |             |  |
|   |  |                                  |                        |                 |   |  |  |                         |   |                                   |                       |                            |                                  |   |                |                 |             |  |
| Red Dog Operations                                    | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 19             | 19              | 319,576,509 |  |
| Kenecott Utah Copper Mine Concentrators & Power Plant | 0  | 0                                | 0                      | 0               | 0   | 16,926   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 546   | 0              | 17,472          | 60,638,876  |  |
| Newmont Mining Corp Copper Canyon Facility            | 0  | 547                              | 0                      | 547             | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 547             | 53,202,448  |  |
| Hedra Greens Creek Mining Co                          | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 15,595,285  |  |
| Ruby Hill Mine  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 10,042,837  |  |
| Cortez Gold Mines                                     | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 9,651,413   |  |
| Buick Mine/Mill                                       | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 8,670,250   |  |
| Fletcher Mine/Mill                                    | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 4,706,592   |  |
| Barrick Goldstrike Mines Inc                          | 0  | 671                              | 0                      | 671             | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 671             | 4,217,223   |  |
| US DOE Hanford Site                                   | 0  | 0                                | 0                      | 0               | 0   | 3,440  | 0  | 0                       | 0   | 0                                 | 33                    | 2,323                      | 0                                | 1,604   | 1,946          | 9,346           | 4,195,680   |  |
| Brushy Creek Mine/Mill                                | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,969,197   |  |
| Nystar Clarksville Inc                                | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,962,576   |  |
| Hedra Ltd Lucky Friday Mn E Unit                      | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,833,233   |  |
| Cripple Creek & Victor Gold Mining Co                 | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,759,696   |  |
| Montana Resources LLP                                 | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 3,676,675   |  |
| Max Environmental - Yukon Facility                    | 0  | 0                                | 2                      | 2               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 2               | 3,670,649   |  |
| Quemetco Inc  | 0  | 765,850                          | 2,468,472              | 3,234,322       | 0   | 0  | 62   | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 62              | 3,234,384   |  |
| Kenecott Utah Copper Smelter & Refinery               | 0  | 0                                | 57                     | 57              | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 9,594   | 0              | 9,594           | 3,106,561   |  |
| Chemical Waste Management of the Northwest Inc        | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 14                               | 0   | 14             | 14              | 2,531,937   |  |
| Thompson Creek Mining Co                              | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,454,127   |  |
| Freepor-McMoran Tyone Inc                             | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,430,926   |  |
| Mesquite Mine   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,381,784   |  |
| Freepor-McMoran Miami Inc                             | 0  | 0                                | 0                      | 0               | 0   | 15   | 21   | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 37              | 2,279,798   |  |
| Golden Sunlight Mines Inc                             | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,215,368   |  |
| Sanders Lead Co Inc                                   | 0  | 6                                | 2                      | 9               | 0   | 0  | 4  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 4              | 12              | 2,137,600   |  |
| ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator | 0  | 41                               | 0                      | 41              | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 41              | 2,115,868   |  |
| Sweetwater Mine/Mill                                  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 2,029,474   |  |
| Newmont Mining Corp - Carlin South Area               | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,930,399   |  |
| Buick Resource Recycling Facility LLC                 | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,846,848   |  |
| Freepor-McMoran Sierrita Inc                          | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,701,098   |  |
| Freepor-McMoran Morenci Inc                           | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 99  | 99             | 99              | 1,682,666   |  |
| Smoky Valley Common Operation                         | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 3                     | 0                          | 0                                | 0   | 3              | 3               | 1,460,051   |  |
| Climax Molybdenum Co Henderson Mill                   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,410,045   |  |
| Asarco LLC Mission Complex                            | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,379,390   |  |
| Nucor Steel A Div of Nucor Corp (Part)                | 0  | 84,783                           | 14                     | 84,796          | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 84,796          | 1,354,329   |  |
| Mineral Park Inc                                      | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,224,325   |  |
| Horseshoe Corp Monaca Smelter                         | 0  | 0                                | 1,183,000              | 1,183,000       | 0   | 11,400   | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 11,400         | 1,194,400       | 1,203,250   |  |
| Doe Run Co Herculanum Smelter                         | 0  | 0                                | 0                      | 0               | 0   | 260  | 0  | 983                     | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 1,243          | 1,243           | 1,154,625   |  |
| US Ecology Idaho Inc                                  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,142,712   |  |
| Fort Knox Mine  | 0  | 0                                | 0                      | 0               | 0   | 1  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 1              | 1               | 1,102,562   |  |
| EnergySolutions LLC                                   | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 1,035,841   |  |
| Exide Technologies                                    | 0  | 0                                | 802,396                | 802,396         | 0   | 136,787  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 136,788         | 939,184     |  |
| Freepor-McMoran Safford Inc                           | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 10             | 10              | 938,096     |  |
| Revere Smelting & Refining Corp                       | 0  | 0                                | 905,280                | 905,280         | 0   | 9,753  | 0  | 10                      | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 9,763           | 915,043     |  |
| Heritage Environmental Services LLC                   | 0  | 340,000                          | 0                      | 340,000         | 0   | 0  | 0  | 8                       | 0   | 0                                 | 0                     | 0                          | 498,539                          | 0   | 498,547        | 838,558         | 838,558     |  |
| Wheat Resources                                       | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 823,017     |  |
| US DOE Idaho National Laboratory Site                 | 0  | 228,170                          | 8,270                  | 236,440         | 0   | 539,112  | 0  | 0                       | 0   | 926                               | 0                     | 3                          | 1,761                            | 0   | 541,802        | 778,242         | 792,238     |  |
| Hycroft Mine  | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 12  | 12             | 768,903         |             |  |
| Bald Mountain Mine                                    | 0  | 0                                | 0                      | 0               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 0                                | 0   | 0              | 0               | 755,806     |  |
| Chemical Waste Management Inc                         | 0  | 6                                | 0                      | 6               | 0   | 0  | 0  | 0                       | 0   | 0                                 | 0                     | 0                          | 100                              | 0   | 100            | 105             | 695,219     |  |

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M11 or M10), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M64, M61), and Unknown (M69) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: Mercury and Mercury Compounds

| NAICS<br>Code Industry            |     | On-site Disposal or Other Releases   |  |                                      |                    |  |   |                                       |                            |                             |                                   |   |                                  |                    |         | Total On-site<br>Disposal or<br>Other Releases<br>Pounds | Total Off-site<br>Disposal or<br>Other Releases<br>Pounds | Total On-site<br>and Off-site<br>Disposal or<br>Other Releases<br>Pounds |
|-----------------------------------|-----|--|--|--------------------------------------|--------------------|--|---|---------------------------------------|----------------------------|-----------------------------|-----------------------------------|---|----------------------------------|--------------------|---------|--|---|--|
|                                   |     | On-site Disposal to Class I Underground Injection Wells, RCRA<br>Subtitle C Landfills, and Other Landfills |  |                                      |                    | Other On-site Disposal or Other Releases |   |                                       |                            |                             |                                   |   |                                  |                    |         |  |   |  |
|                                   |     | Class I Wells<br>Pounds  | RCRA Subtitle<br>C Landfills<br>Pounds | Other On-site<br>Landfills<br>Pounds | Subtotal<br>Pounds | RCRA Subtitle C                          |   |                                       |                            |                             |                                   |   |                                  |                    |         |  |   |  |
|                                   |     |  |  |                                      |                    | Fugitive Air<br>Emissions<br>Pounds      | Point Source<br>Air Emissions<br>Pounds | Surface Water<br>Discharges<br>Pounds | Class II-V Wells<br>Pounds | Land<br>Treatment<br>Pounds | Surface<br>Impoundments<br>Pounds | Other Surface<br>Impoundments<br>Pounds | Other Land<br>Disposal<br>Pounds | Subtotal<br>Pounds |         |  |   |  |
| 2121 Coal Mining                  | 0   | 0  | 2,184                                  | 2,184                                | 5                  | 7  | 1                                       | 0                                     | 2,176                      | 0                           | 744                               | 128                                     | 3,061                            | 5,245              | 24      | 5,269  |   |  |
| 2122 Metal Mining                 | 0   | 0  | 1,241                                  | 1,241                                | 697                | 1,589                                    | 7                                       | 7,822                                 | 2                          | 0                           | 636,965                           | 3,750,368                               | 4,397,450                        | 4,398,691          | 701     | 4,399,393  |   |  |
| 2211 Electric Utilities           | 1   | 0  | 36,243                                 | 36,244                               | 22                 | 66,883                                   | 762                                     | 0                                     | 1,222                      | 0                           | 15,591                            | 1,821                                   | 86,301                           | 122,545            | 22,288  | 144,833  |   |  |
| 311/312 Food/Beverages/Tobacco    | 0   | 0  | 0                                      | 0                                    | 1                  | 676                                      | 13                                      | 0                                     | 1                          | 0                           | 46                                | 50                                      | 786                              | 786                | 1,130   | 1,916  |   |  |
| 313/314 Textiles                  | 0   | 0  | 0                                      | 0                                    | 0                  | 0  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 0                                | 0                  | 2       | 2  |   |  |
| 321 Wood Products                 | 0   | 0  | 2                                      | 2                                    | 0                  | 2  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 2                                | 4                  | 0       | 4  |   |  |
| 322 Paper                         | 0   | 14   | 2,311                                  | 2,325                                | 6                  | 1,590                                    | 360                                     | 0                                     | 43                         | 0                           | 182                               | 3                                       | 2,183                            | 4,508              | 1,893   | 6,400  |   |  |
| 324 Petroleum                     | 9   | 0  | 23                                     | 32                                   | 505                | 2,105                                    | 100                                     | 4                                     | 65                         | 0                           | 3                                 | 6                                       | 2,788                            | 2,820              | 4,827   | 7,648  |   |  |
| 325 Chemicals                     | 89  | 24   | 13,945                                 | 14,058                               | 1,415              | 2,126                                    | 87                                      | 0                                     | 4                          | 0                           | 1,512                             | 1,135                                   | 6,279                            | 20,337             | 14,044  | 34,381   |   |  |
| 326 Plastics and Rubber           | 0   | 0  | 0                                      | 0                                    | 0                  | 0  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 0                                | 0                  | 24      | 24   |   |  |
| 327 Stone/Clay/Glass              | 8   | 0  | 64                                     | 72                                   | 42                 | 631                                      | 2                                       | 0                                     | 0                          | 0                           | 30                                | 616                                     | 1,321                            | 1,393              | 122     | 1,515  |   |  |
| 32731 Cement                      | 0   | 1  | 157                                    | 159                                  | 29                 | 7,250                                    | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 7,279                            | 7,438              | 11      | 7,449  |   |  |
| 331 Primary Metals                | 0   | 0  | 819                                    | 820                                  | 230                | 12,703                                   | 52                                      | 0                                     | 0                          | 0                           | 3,992                             | 636                                     | 17,614                           | 18,433             | 3,837   | 22,270   |   |  |
| 332 Fabricated Metals             | 0   | 0  | 3                                      | 3                                    | 0                  | 1  | 2                                       | 0                                     | 0                          | 0                           | 0                                 | 7                                       | 10                               | 13                 | 7       | 21   |   |  |
| 333 Machinery                     | 0   | 0  | 0                                      | 0                                    | 0                  | 0  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 0                                | 0                  | 0       | 0  |   |  |
| 334 Computers/Electronic Products | 0   | 0  | 0                                      | 0                                    | 17                 | 7  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 24                               | 24                 | 39      | 62   |   |  |
| 335 Electrical Equipment          | 0   | 0  | 0                                      | 0                                    | 165                | 136                                      | 1                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 302                              | 302                | 4,027   | 4,329  |   |  |
| 336 Transportation Equipment      | 0   | 0  | 0                                      | 0                                    | 0                  | 0  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 0                                | 0                  | 41      | 41   |   |  |
| 339 Miscellaneous Manufacturing   | 0   | 0  | 0                                      | 0                                    | 0                  | 0  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 1                                | 1                  | 189     | 190  |   |  |
| 4246 Chemical Wholesalers         | 0   | 0  | 0                                      | 0                                    | 0                  | 0  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 0                                | 0                  | 504     | 504  |   |  |
| 4247 Petroleum Bulk Terminals     | 0   | 0  | 0                                      | 0                                    | 1                  | 0  | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 1                                | 1                  | 4       | 6  |   |  |
| 562 Hazardous Waste Management    | 33  | 43,565   | 238                                    | 43,836                               | 9                  | 111                                      | 2                                       | 0                                     | 0                          | 0                           | 53                                | 17,651                                  | 17,825                           | 61,661             | 69,057  | 130,718  |   |  |
| No TRI NAICS Code                 | 0   | 2,931  | 24                                     | 2,955                                | 1                  | 61                                       | 0                                       | 0                                     | 0                          | 0                           | 0                                 | 0                                       | 62                               | 3,018              | 271     | 3,289  |   |  |
| Total                             | 140 | 46,536   | 57,254                                 | 103,930                              | 3,145              | 95,880                                   | 1,389                                   | 7,827                                 | 3,512                      | 0                           | 659,118                           | 3,772,419                               | 4,543,290                        | 4,647,220          | 123,043 | 4,770,263  |   |  |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

## TRI On-site and Off-site Disposal or Other Releases, by State, 2010: Mercury and Mercury Compounds

| State                    | On-site Disposal or Other Releases  |        |                             |                 |  |                                   |                                 |                         |                       |                                   |                            |           |                 |           |  | Total On-site Disposal or Other Releases Pounds | Total Off-site Disposal or Other Releases Pounds | Total On-site and Off-site Disposal or Other Releases Pounds |
|--------------------------|---|--------|-----------------------------|-----------------|--|-----------------------------------|---------------------------------|-------------------------|-----------------------|-----------------------------------|----------------------------|-----------|-----------------|-----------|--|---|--|--|
|                          | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |        |                             |                 | Other On-site Disposal or Other Releases |                                   |                                 |                         |                       |                                   |                            |           |                 |           |  |   |  |  |
|                          | RCRA Subtitle C Landfills   |        | Other On-site Landfills     | Subtotal Pounds | Fugitive Air Emissions Pounds            | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | RCRA Subtitle C                   |                            |           | Subtotal Pounds |           |  |   |  |  |
|                          | Class I Wells Pounds  | Pounds | Surface Impoundments Pounds |                 |  |                                   |                                 |                         |                       | Other Surface Impoundments Pounds | Other Land Disposal Pounds |           |                 |           |  |   |  |  |
| Alabama                  | 0   | 2      | 648                         | 649             | 15                                       | 4,697                             | 68                              | 0                       | 2                     | 0                                 | 1,492                      | 66        | 6,340           | 6,989     |  | 811   | 7,800  |  |
| Alaska                   | 0   | 0      | 24                          | 24              | 7  | 43                                | 1                               | 7,821                   | 0                     | 0                                 | 61,688                     | 57,378    | 126,939         | 126,963   |  | 63  | 127,026  |  |
| Arizona                  | 0   | 0      | 1,227                       | 1,227           | 6  | 2,321                             | 1                               | 0                       | 1                     | 0                                 | 818                        | 6,297     | 9,445           | 10,673    |  | 1,132   | 11,804   |  |
| Arkansas                 | 0   | 0      | 574                         | 574             | 327                                      | 2,431                             | 3                               | 0                       | 17                    | 0                                 | 10                         | 1         | 2,789           | 3,363     |  | 12,036  | 15,399   |  |
| California               | 0   | 18,989 | 47                          | 19,036          | 27                                       | 2,462                             | 2                               | 0                       | 0                     | 0                                 | 0                          | 20,650    | 23,142          | 42,177    |  | 1,303   | 43,480   |  |
| Colorado                 | 0   | 0      | 1,128                       | 1,128           | 19                                       | 886                               | 3                               | 0                       | 1                     | 0                                 | 0                          | 2,154     | 3,064           | 4,192     |  | 252   | 4,444  |  |
| Connecticut              | 0   | 0      | 0                           | 0               | 2  | 49                                | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 51              | 51        |  | 346   | 398  |  |
| Delaware                 | 0   | 0      | 20                          | 20              | 0  | 167                               | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 168             | 188       |  | 125   | 313  |  |
| Florida                  | 1   | 0      | 13,532                      | 13,533          | 0  | 2,271                             | 11                              | 0                       | 0                     | 0                                 | 532                        | 1         | 2,815           | 16,348    |  | 1,692   | 18,041   |  |
| Georgia                  | 0   | 0      | 108                         | 108             | 138                                      | 1,530                             | 27                              | 0                       | 0                     | 0                                 | 2,054                      | 10        | 3,759           | 3,867     |  | 972   | 4,839  |  |
| Guam                     | 0   | 0      | 0                           | 0               | 0  | 0                                 | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 0               | 0         |  | 0   | 0  |  |
| Hawaii                   | 0   | 0      | 0                           | 0               | 10                                       | 50                                | 5                               | 2                       | 0                     | 0                                 | 0                          | 0         | 65              | 65        |  | 488   | 553  |  |
| Idaho                    | 0   | 792    | 0                           | 792             | 0  | 601                               | 0                               | 0                       | 0                     | 0                                 | 1,905                      | 1,506     | 4,012           | 4,804     |  | 1   | 4,805  |  |
| Illinois                 | 0   | 0      | 118                         | 118             | 41                                       | 2,883                             | 167                             | 0                       | 8                     | 0                                 | 1,225                      | 122       | 4,447           | 4,565     |  | 3,471   | 8,036  |  |
| Indiana                  | 0   | 0      | 1,650                       | 1,651           | 48                                       | 4,049                             | 81                              | 0                       | 79                    | 0                                 | 810                        | 375       | 5,443           | 7,093     |  | 1,578   | 8,671  |  |
| Iowa                     | 0   | 0      | 616                         | 616             | 0  | 2,739                             | 4                               | 0                       | 1                     | 0                                 | 24                         | 0         | 2,768           | 3,384     |  | 818   | 4,202  |  |
| Kansas                   | 1   | 0      | 495                         | 496             | 6  | 1,718                             | 1                               | 0                       | 0                     | 0                                 | 3                          | 0         | 1,728           | 2,224     |  | 203   | 2,426  |  |
| Kentucky                 | 8   | 0      | 983                         | 991             | 61                                       | 2,821                             | 88                              | 0                       | 7                     | 0                                 | 3,113                      | 0         | 6,090           | 7,081     |  | 585   | 7,666  |  |
| Louisiana                | 0   | 2,300  | 2,361                       | 4,661           | 414                                      | 2,285                             | 51                              | 0                       | 0                     | 0                                 | 1,890                      | 824       | 5,465           | 10,126    |  | 4,565   | 14,691   |  |
| Maine                    | 0   | 0      | 12                          | 12              | 0  | 40                                | 1                               | 0                       | 0                     | 0                                 | 0                          | 0         | 41              | 54        |  | 28  | 82   |  |
| Maryland                 | 0   | 0      | 69                          | 69              | 1  | 888                               | 2                               | 0                       | 2,002                 | 0                                 | 0                          | 0         | 2,893           | 2,961     |  | 2,448   | 5,409  |  |
| Massachusetts            | 0   | 0      | 0                           | 0               | 0  | 60                                | 1                               | 0                       | 0                     | 0                                 | 1                          | 0         | 62              | 62        |  | 84  | 147  |  |
| Michigan                 | 0   | 843    | 493                         | 1,336           | 92                                       | 2,740                             | 43                              | 0                       | 0                     | 0                                 | 467                        | 95        | 3,437           | 4,774     |  | 524   | 5,298  |  |
| Minnesota                | 0   | 0      | 199                         | 199             | 17                                       | 1,007                             | 0                               | 0                       | 0                     | 0                                 | 267                        | 16        | 1,307           | 1,505     |  | 333   | 1,838  |  |
| Mississippi              | 33  | 0      | 200                         | 233             | 1  | 1,130                             | 20                              | 0                       | 0                     | 0                                 | 8                          | 0         | 1,159           | 1,392     |  | 538   | 1,930  |  |
| Missouri                 | 0   | 0      | 577                         | 577             | 2  | 4,495                             | 1                               | 0                       | 0                     | 0                                 | 66                         | 30        | 4,594           | 5,171     |  | 2,683   | 7,853  |  |
| Montana                  | 0   | 0      | 1,419                       | 1,419           | 2  | 255                               | 1                               | 1                       | 2                     | 0                                 | 9                          | 6,694     | 6,965           | 8,384     |  | 115   | 8,499  |  |
| Nebraska                 | 0   | 0      | 805                         | 805             | 5  | 1,437                             | 0                               | 0                       | 0                     | 0                                 | 0                          | 17,653    | 19,095          | 19,900    |  | 172   | 20,072   |  |
| Nevada                   | 0   | 9,981  | 863                         | 10,844          | 696                                      | 1,347                             | 5                               | 0                       | 1                     | 0                                 | 568,312                    | 3,627,084 | 4,197,445       | 4,208,289 |  | 58  | 4,208,347  |  |
| New Hampshire            | 0   | 0      | 7                           | 7               | 8  | 195                               | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 203             | 210       |  | 146   | 356  |  |
| New Jersey               | 0   | 2      | 0                           | 2               | 2  | 114                               | 6                               | 0                       | 0                     | 0                                 | 0                          | 0         | 122             | 124       |  | 601   | 725  |  |
| New Mexico               | 0   | 0      | 2,028                       | 2,028           | 4  | 504                               | 0                               | 0                       | 0                     | 0                                 | 80                         | 170       | 758             | 2,786     |  | 4   | 2,790  |  |
| New York                 | 0   | 330    | 421                         | 751             | 0  | 617                               | 7                               | 0                       | 0                     | 0                                 | 0                          | 0         | 624             | 1,376     |  | 2,244   | 3,620  |  |
| North Carolina           | 0   | 0      | 1,978                       | 1,978           | 1  | 2,032                             | 20                              | 0                       | 0                     | 0                                 | 1,377                      | 621       | 4,051           | 6,029     |  | 1,022   | 7,051  |  |
| North Dakota             | 0   | 0      | 99                          | 99              | 0  | 2,403                             | 1                               | 3                       | 0                     | 0                                 | 211                        | 4         | 2,621           | 2,720     |  | 70  | 2,790  |  |
| Northern Mariana Islands | 0   | 0      | 0                           | 0               | 0  | 0                                 | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 0               | 0         |  | 0   | 0  |  |
| Ohio                     | 23  | 156    | 1,789                       | 1,967           | 180                                      | 5,783                             | 28                              | 0                       | 89                    | 0                                 | 1,512                      | 53        | 7,646           | 9,613     |  | 3,415   | 13,028   |  |
| Oklahoma                 | 0   | 2,081  | 332                         | 2,413           | 2  | 2,066                             | 3                               | 0                       | 3                     | 0                                 | 10                         | 0         | 2,084           | 4,497     |  | 291   | 4,788  |  |
| Oregon                   | 0   | 187    | 53                          | 239             | 0  | 1,093                             | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 1,094           | 1,333     |  | 58  | 1,391  |  |
| Pennsylvania             | 0   | 0      | 6,652                       | 6,652           | 23                                       | 6,232                             | 8                               | 0                       | 177                   | 0                                 | 81                         | 204       | 6,724           | 13,376    |  | 9,735   | 23,111   |  |
| Puerto Rico              | 0   | 0      | 0                           | 0               | 0  | 316                               | 1                               | 0                       | 0                     | 0                                 | 0                          | 0         | 317             | 317       |  | 52  | 369  |  |
| Rhode Island             | 0   | 0      | 0                           | 0               | 0  | 0                                 | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 0               | 0         |  | 1   | 1  |  |
| South Carolina           | 0   | 1      | 425                         | 426             | 2  | 1,747                             | 16                              | 0                       | 3                     | 0                                 | 349                        | 0         | 2,118           | 2,543     |  | 221   | 2,764  |  |
| South Dakota             | 0   | 0      | 690                         | 690             | 0  | 308                               | 13                              | 0                       | 0                     | 0                                 | 0                          | 5         | 325             | 1,015     |  | 14  | 1,029  |  |
| Tennessee                | 0   | 32     | 750                         | 783             | 308                                      | 1,920                             | 333                             | 0                       | 0                     | 0                                 | 366                        | 177       | 3,104           | 3,886     |  | 2,864   | 6,751  |  |
| Texas                    | 74  | 5,197  | 6,787                       | 12,058          | 61                                       | 14,703                            | 100                             | 0                       | 959                   | 0                                 | 2,338                      | 252       | 18,413          | 30,470    |  | 6,359   | 36,829   |  |
| Utah                     | 0   | 5,640  | 1,889                       | 7,529           | 2  | 881                               | 1                               | 0                       | 1                     | 0                                 | 6,774                      | 29,593    | 37,251          | 44,780    |  | 47,704  | 92,484   |  |
| Vermont                  | 0   | 0      | 0                           | 0               | 0  | 0                                 | 0                               | 0                       | 0                     | 0                                 | 0                          | 0         | 1               | 1         |  | 70  | 71   |  |
| Virgin Islands           | 0   | 0      | 0                           | 0               | 0  | 4                                 | 0                               | 0                       | 32                    | 0                                 | 0                          | 0         | 36              | 36        |  | 18  | 53   |  |
| Virginia                 | 0   | 0      | 612                         | 612             | 0  | 985                               | 225                             | 0                       | 0                     | 0                                 | 417                        | 22        | 1,649           | 2,262     |  | 562   | 2,823  |  |
| Washington               | 0   | 0      | 8                           | 8               | 1  | 559                               | 15                              | 0                       | 19                    | 0                                 | 10                         | 5         | 609             | 618       |  | 104   | 722  |  |
| West Virginia            | 0   | 4      | 3,723                       | 3,727           | 202                                      | 2,836                             | 20                              | 0                       | 110                   | 0                                 | 771                        | 51        | 3,989           | 7,716     |  | 5,829   | 13,545   |  |
| Wisconsin                | 0   | 0      | 86                          | 86              | 408                                      | 1,538                             | 4                               | 0                       | 0                     | 0                                 | 0                          | 307       | 2,256           | 2,342     |  | 3,702   | 6,044  |  |
| Wyoming                  | 0   | 0      | 755                         | 755             | 3  | 1,636                             | 0                               | 0                       | 0                     | 0                                 | 131                        | 0         | 1,770           | 2,525     |  | 533   | 3,058  |  |
| Total                    | 140   | 46,536 | 57,254                      | 103,930         | 3,145                                    | 95,880                            | 1,389                           | 7,827                   | 3,512                 | 0                                 | 659,118                    | 3,772,419 | 4,543,290       | 4,647,220 |  | 123,043   | 4,770,263  |  |

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Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

11/18/11

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Mercury and Mercury Compounds

| Facility   |                  |    |      |   | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |        |       |        |     | On-site Disposal or Other Releases       |                                  |                                |                 |                               |                                   |                                 |                         |                       |   | Total On-site Disposal or Other Releases Pounds |                                   |                            |                 |
|--|------------------|----|------|---|---|--------|-------|--------|-----|--|----------------------------------|--------------------------------|-----------------|-------------------------------|-----------------------------------|---------------------------------|-------------------------|-----------------------|---|---|-----------------------------------|----------------------------|-----------------|
|  |                  |    |      |   |   |        |       |        |     | Other On-site Disposal or Other Releases |                                  |                                |                 |                               |                                   |                                 |                         |                       |   |   |                                   |                            |                 |
|  |                  |    |      |   |   |        |       |        |     | Class I Wells Pounds                     | RCRA Subtitle C Landfills Pounds | Other On-site Landfills Pounds | Subtotal Pounds | Fugitive Air Emissions Pounds | Point Source Air Emissions Pounds | Surface Water Discharges Pounds | Class II-V Wells Pounds | Land Treatment Pounds | RCRA Subtitle C Surface Impoundments Pounds |   | Other Surface Impoundments Pounds | Other Land Disposal Pounds | Subtotal Pounds |
|  |                  |    |      |   |   |        |       |        |     |  |                                  |                                |                 |                               |                                   |                                 |                         |                       |   |   |                                   |                            |                 |
| Barrick Goldstrike Mines Inc                           | Elko             | NV | 2122 | 1 | 0   | 0      | 1     | 1      | 10  | 269                                      | 0                                | 0                              | 0               | 0                             | 0                                 | 1,520,200                       | 1,520,479               | 1,520,480             |   |   |                                   |                            |                 |
| Newmont Mining Corp Twin Creeks Mine                   | Golconda         | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 288 | 183                                      | 0                                | 0                              | 0               | 0                             | 0                                 | 281,187                         | 1,142,640               | 1,424,298             |   |   |                                   |                            |                 |
| Cortez Gold Mines                                      | Crescent Valley  | NV | 2122 | 1 | 0   | 0      | 18    | 18     | 19  | 5  | 0                                | 0                              | 0               | 0                             | 0                                 | 140,636                         | 192,304                 | 332,962               |   |   |                                   |                            |                 |
| Hycroft Mine   | Winnemucca       | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 9   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 304,235                         | 304,244                 | 304,244               |   |   |                                   |                            |                 |
| Ruby Hill Mine   | Eureka           | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 11  | 74                                       | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 245,400                 | 245,486               |   |   |                                   |                            |                 |
| Newmont Mining Corp - Carlin South Area                | Carlin           | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 130 | 410                                      | 5                                | 0                              | 1               | 0                             | 0                                 | 110,000                         | 9,100                   | 119,645               |   |   |                                   |                            |                 |
| Red Dog Operations                                     | Kotzebue         | AK | 2122 | 1 | 0   | 0      | 0     | 0      | 7   | 1  | 0                                | 0                              | 0               | 0                             | 0                                 | 60,523                          | 50,247                  | 110,778               |   |   |                                   |                            |                 |
| Newmont Mining Corp - Carlin North Area                | Carlin           | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 170 | 2  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 110,000                 | 110,172               |   |   |                                   |                            |                 |
| Clean Harbors Aragonite LLC                            | Grantsville      | UT | 562  | 2 | 0   | 0      | 0     | 0      | 0   | 3  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 3                     |   |   |                                   |                            |                 |
| Bald Mountain Mine                                     | Elko             | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 8   | 7  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 48,618                  | 48,632                |   |   |                                   |                            |                 |
| Marigold Mining Co                                     | Valmy            | NV | 2122 | 1 | 0   | 0      | 1     | 1      | 2   | 10                                       | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 37,109                  | 37,122                |   |   |                                   |                            |                 |
| Kennecott Utah Copper Mine Concentrators & Power Plant | Bingham Canyon   | UT | 2122 | 1 | 0   | 0      | 0     | 0      | 1   | 32                                       | 1                                | 0                              | 1               | 0                             | 0                                 | 6,084                           | 29,541                  | 35,659                |   |   |                                   |                            |                 |
| Jerritt Canyon Mine                                    | Elko             | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 19                                       | 0                                | 0                              | 0               | 0                             | 0                                 | 34,107                          | 373                     | 34,499                |   |   |                                   |                            |                 |
| Mesquite Mine  | Brawley          | CA | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 3  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 20,641                  | 20,644                |   |   |                                   |                            |                 |
| Chemical Waste Management Inc                          | Kettleman City   | CA | 562  | 2 | 0   | 18,750 | 18    | 18,768 | 1   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 1                     |   |   |                                   |                            |                 |
| Clean Harbors Environmental Services Inc               | Kimball          | NE | 562  | 2 | 0   | 0      | 0     | 0      | 0   | 2  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 17,651                  | 17,652                |   |   |                                   |                            |                 |
| Hedra Greens Creek Mining Co                           | Juneau           | AK | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 6  | 0                                | 7,821                          | 0               | 0                             | 0                                 | 0                               | 5,366                   | 13,193                |   |   |                                   |                            |                 |
| Clean Harbors El Dorado LLC                            | El Dorado        | AR | 562  | 2 | 0   | 0      | 0     | 0      | 0   | 6  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 6                     |   |   |                                   |                            |                 |
| Newmont Mining Corp Copper Canyon Facility             | Battle Mountain  | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 8   | 2  | 0                                | 0                              | 0               | 0                             | 0                                 | 2                               | 11,000                  | 11,012                |   |   |                                   |                            |                 |
| US Ecology Nevada Inc                                  | Beatty           | NV | 562  | 2 | 0   | 7,050  | 0     | 7,050  | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 7,050                 |   |   |                                   |                            |                 |
| US Ecology Texas Inc                                   | Robstown         | TX | 562  | 1 | 10  | 5,140  | 0     | 5,150  | 0   | 0  | 1                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 1                     |   |   |                                   |                            |                 |
| Golden Sunlight Mines Inc                              | Whitehall        | MT | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 6,670                   | 6,671                 |   |   |                                   |                            |                 |
| Smoky Valley Common Operation                          | Round Mountain   | NV | 2122 | 1 | 0   | 0      | 0     | 0      | 1   | 1  | 0                                | 0                              | 0               | 0                             | 0                                 | 1,840                           | 4,360                   | 6,202                 |   |   |                                   |                            |                 |
| Mosaic Fertilizer LLC - New Wales Plant                | Mulberry         | FL | 325  | 1 | 0   | 0      | 5,800 | 5,800  | 0   | 5  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 5                     |   |   |                                   |                            |                 |
| Pioneer Americas LLC (Dba Olin Chloralkali Products)   | Saint Gabriel    | LA | 325  | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 1                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 2                     |   |   |                                   |                            |                 |
| PPG Industries Inc                                     | New Martinsville | WV | 325  | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 250                   |   |   |                                   |                            |                 |
| Clean Harbors Grassy Mountain LLC                      | Grantsville      | UT | 562  | 2 | 0   | 5,150  | 0     | 5,150  | 0   | 196                                      | 37                               | 17                             | 0               | 0                             | 0                                 | 0                               | 0                       | 0                     |   |   |                                   |                            |                 |
| Materials & Energy Corp                                | Oak Ridge        | TN | 562  | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 0                     |   |   |                                   |                            |                 |
| US DOE NNSA/NSO Nevada National Security Site          | Mercury          | NV | ZZZ  | 1 | 0   | 2,931  | 0     | 2,931  | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 2,931                 |   |   |                                   |                            |                 |
| Keystone Power Plant                                   | Shelbota         | PA | 2211 | 1 | 0   | 0      | 2,706 | 2,706  | 0   | 62                                       | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 62                    |   |   |                                   |                            |                 |
| Freeport-McMoran Miami Inc                             | Claypool         | AZ | 2122 | 1 | 0   | 0      | 0     | 0      | 5   | 316                                      | 1                                | 0                              | 0               | 0                             | 0                                 | 0                               | 2,410                   | 2,732                 |   |   |                                   |                            |                 |
| Fort Knox Mine   | Fairbanks        | AK | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 1,162                           | 1,572                   | 2,734                 |   |   |                                   |                            |                 |
| Eaglepicher Technologies LLC                           | Joplin           | MO | 335  | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 0                     |   |   |                                   |                            |                 |
| Martin Lake Steam Electric Station & Lignite Mine      | Tatum            | TX | 2211 | 1 | 0   | 0      | 1,143 | 1,143  | 0   | 1,420                                    | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 1,420                 |   |   |                                   |                            |                 |
| Clean Harbors Deer Park LLC                            | La Porte         | TX | 562  | 1 | 0   | 57     | 0     | 57     | 1   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 1                     |   |   |                                   |                            |                 |
| Mosaic Fertilizer LLC - Riverview                      | Riverview        | FL | 325  | 1 | 0   | 0      | 2,500 | 2,500  | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 0                     |   |   |                                   |                            |                 |
| Mosaic Fertilizer LLC - Bartow                         | Bartow           | FL | 325  | 1 | 0   | 0      | 2,400 | 2,400  | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 0                     |   |   |                                   |                            |                 |
| Chemical Waste Management - Lake Charles Facility      | Sulphur          | LA | 562  | 1 | 0   | 2,300  | 0     | 2,300  | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 0                     |   |   |                                   |                            |                 |
| Barrick Turquoise Ridge Inc                            | Golconda         | NV | 2122 | 1 | 0   | 0      | 530   | 530    | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 188                             | 1,524                   | 1,712                 |   |   |                                   |                            |                 |
| Oak Grove Steam Electric Station                       | Franklin         | TX | 2211 | 1 | 0   | 0      | 1,977 | 1,977  | 0   | 203                                      | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 203                   |   |   |                                   |                            |                 |
| Cripple Creek & Victor Gold Mining Co                  | Victor           | CO | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 12                                       | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 2,139                   | 2,151                 |   |   |                                   |                            |                 |
| Conemaugh Power Plant                                  | New Florence     | PA | 2211 | 1 | 0   | 0      | 1,542 | 1,542  | 0   | 576                                      | 2                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 578                   |   |   |                                   |                            |                 |
| Clean Harbors Lone Mountain LLC Lone Mountain Facility | Waynoka          | OK | 562  | 1 | 0   | 2,081  | 0     | 2,081  | 1   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 1                     |   |   |                                   |                            |                 |
| Structural Metals Inc                                  | Seguin           | TX | 331  | 1 | 0   | 0      | 0     | 0      | 2   | 338                                      | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 340                   |   |   |                                   |                            |                 |
| American Electric Power Gavin Plant                    | Cheshire         | OH | 2211 | 1 | 0   | 0      | 1,095 | 1,095  | 0   | 829                                      | 7                                | 0                              | 24              | 0                             | 19                                | 0                               | 879                     | 1,974                 |   |   |                                   |                            |                 |
| Mosaic Fertilizer LLC Uncle Sam Plant                  | Uncle Sam        | LA | 325  | 1 | 0   | 0      | 1,978 | 1,978  | 0   | 0  | 1                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 1                     |   |   |                                   |                            |                 |
| CWM Chemical Services LLC                              | Model City       | NY | 562  | 1 | 0   | 330    | 0     | 330    | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 330                   |   |   |                                   |                            |                 |
| Freeport-McMoran Sierra Inc                            | Green Valley     | AZ | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 114                             | 1,510                   | 1,624                 |   |   |                                   |                            |                 |
| Nord Resources Corp Johnson Camp Mine                  | Dragon           | AZ | 2122 | 1 | 0   | 0      | 0     | 0      | 0   | 0  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 1,929                   | 1,929                 |   |   |                                   |                            |                 |
| Bethlehem Apparatus Co Inc                             | Hellertown       | PA | 325  | 1 | 0   | 0      | 0     | 0      | 1   | 1  | 0                                | 0                              | 0               | 0                             | 0                                 | 0                               | 0                       | 1                     |   |   |                                   |                            |                 |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at <http://www.epa.gov/tri/tridata>.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M84, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M80), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M89) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/18/11

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Mercury and Mercury Compounds

| Facility   | Off-site Disposal or Other Releases  |                           |                 |          |   |   |   |   |                  |                                      |                            |                |                     |                           |  |         |          |
|--|--|---------------------------|-----------------|----------|---|---|---|---|------------------|--------------------------------------|----------------------------|----------------|---------------------|---------------------------|--|---------|----------|
|  | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                           |                 |          | Other Off-site Disposal or Other Releases |   |   |   |                  |                                      |                            |                |                     |                           |  |         |          |
|  | Class I Wells  | RCRA Subtitle C Landfills | Other Landfills | Subtotal | Storage Only                              | Solidification/Stabilization (Metals and Metal Category Compounds Only) | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) | Transfers to POTWs (Metals and Metal Category Compounds Only) | Class II-V Wells | RCRA Subtitle C Surface Impoundments | Other Surface Impoundments | Land Treatment | Other Land Disposal | Other Off-site Management | Transfers to Waste Broker for Disposal | Unknown | Subtotal |
|  |  |                           |                 |          |   |   |   |   |                  |                                      |                            |                |                     |                           |  |         |          |
| Barrick Goldstrike Mines Inc                           | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Newmont Mining Corp Twin Creeks Mine                   | 0  | 1                         | 0               | 1        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 1        |
| Cortez Gold Mines                                      | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 1                         | 0                                      | 0       | 1        |
| Hycroft Mine   | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 12      | 12       |
| Ruby Hill Mine   | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Newmont Mining Corp - Carlin South Area                | 0  | 3                         | 0               | 3        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 3        |
| Red Dog Operations                                     | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Newmont Mining Corp - Carlin North Area                | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Clean Harbors Aragonite LLC                            | 0  | 49,305                    | 0               | 49,305   | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 3,439                                  | 0       | 3,439    |
| Bald Mountain Mine                                     | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 18                        | 0                                      | 18      | 18       |
| Marigold Mining Co                                     | 0  | 0                         | 3               | 3        | 0   | 1   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 1       | 4        |
| Kennecott Utah Copper Mine Concentrators & Power Plant | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Jerritt Canyon Mine                                    | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Mesquite Mine  | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Chemical Waste Management Inc                          | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 94                        | 0                                      | 94      | 95       |
| Clean Harbors Environmental Services Inc               | 0  | 1                         | 0               | 1        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 1        |
| Hecia Greens Creek Mining Co                           | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Clean Harbors El Dorado LLC                            | 0  | 1                         | 0               | 1        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 11,669                    | 0                                      | 11,669  | 11,670   |
| Newmont Mining Corp Copper Canyon Facility             | 0  | 32                        | 0               | 32       | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 32       |
| US Ecology Nevada Inc                                  | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| US Ecology Texas Inc                                   | 0  | 1,870                     | 0               | 1,870    | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 1,870    |
| Golden Sunlight Mines Inc                              | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Smoky Valley Common Operation                          | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Mosaic Fertilizer LLC - New Wales Plant                | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Pioneer Americas LLC (Dba Olin Chloralkali Products)   | 0  | 5,600                     | 31              | 5,631    | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 5,631    |
| PPG Industries Inc                                     | 0  | 1,230                     | 22              | 1,252    | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 5,210          | 35                  | 3,677                     | 0                                      | 3,712   | 4,964    |
| Clean Harbors Grassy Mountain LLC                      | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Materials & Energy Corp                                | 0  | 3,021                     | 0               | 3,021    | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 49                        | 0                                      | 49      | 3,070    |
| US DOE NNSA/NSO Nevada National Security Site          | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Keystone Power Plant                                   | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Freeport-McMoran Miami Inc                             | 0  | 0                         | 0               | 0        | 0   | 13  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 14      | 14       |
| Fort Knox Mine   | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Eaglepicher Technologies LLC                           | 0  | 0                         | 0               | 0        | 2,600                                     | 0   | 0   | 0   | 0                | 0                                    | 0                          | 2,600          | 0                   | 0                         | 0                                      | 2,600   | 2,600    |
| Martin Lake Steam Electric Station & Lignite Mine      | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Clean Harbors Deer Park LLC                            | 0  | 260                       | 0               | 260      | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 2,218                                  | 2,218   | 2,478    |
| Mosaic Fertilizer LLC - Riverview                      | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Mosaic Fertilizer LLC - Bartow                         | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Chemical Waste Management - Lake Charles Facility      | 0  | 0                         | 0               | 0        | 0   | 15  | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 15      | 15       |
| Barrick Turquoise Ridge Inc                            | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 2,242          | 0                   | 0                         | 0                                      | 0       | 2,242    |
| Oak Grove Steam Electric Station                       | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Cripple Creek & Victor Gold Mining Co                  | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Conemaugh Power Plant                                  | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Clean Harbors Lone Mountain LLC Lone Mountain Facility | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Structural Metals Inc                                  | 0  | 0                         | 1,668           | 1,668    | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 1,668    |
| American Electric Power Gavin Plant                    | 0  | 0                         | 7               | 7        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 7        |
| Mosaic Fertilizer LLC Uncle Sam Plant                  | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| CWM Chemical Services LLC                              | 0  | 6                         | 1,600           | 1,606    | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 1,607    |
| Freeport-McMoran Sierrita Inc                          | 0  | 306                       | 0               | 306      | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 307      |
| Nord Resources Corp Johnson Camp Mine                  | 0  | 0                         | 0               | 0        | 0   | 0   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 0       | 0        |
| Bethlehem Apparatus Co Inc                             | 0  | 0                         | 0               | 0        | 0   | 1,927   | 0   | 0   | 0                | 0                                    | 0                          | 0              | 0                   | 0                         | 0                                      | 1,927   | 1,927    |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://www.epa.gov/tri/program/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M80), Transfers to Waste Broker - Disposal (M84, M91), and Unknown (M89) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: Dioxin and Dioxin-like Compounds

| NAICS<br>Code Industry |                            | On-site Disposal or Other Releases   |                              |                            |                   |  |  |                                      |                           |                            |                       |  |                                 |                   |           | Total On-site<br>Disposal or<br>Other Releases<br>Grams | Total Off-site<br>Disposal or<br>Other Releases<br>Grams | Total On-site<br>and Off-site<br>Disposal or<br>Other Releases<br>Grams |
|------------------------|----------------------------|--|------------------------------|----------------------------|-------------------|--|--|--------------------------------------|---------------------------|----------------------------|-----------------------|--|---------------------------------|-------------------|-----------|---|--|---|
|                        |                            | On-site Disposal to Class I Underground Injection Wells, RCRA<br>Subtitle C Landfills, and Other Landfills |                              |                            |                   | Other On-site Disposal or Other Releases |  |                                      |                           |                            |                       |  |                                 |                   |           |   |  |   |
|                        |                            | Class I Wells<br>Grams   | RCRA Subtitle<br>C Landfills | Other On-site<br>Landfills | Subtotal<br>Grams | Fugitive Air<br>Emissions<br>Grams       | Point Source<br>Air Emissions<br>Grams | Surface Water<br>Discharges<br>Grams | Class II-V Wells<br>Grams | Land<br>Treatment<br>Grams | RCRA Subtitle C       | Other Surface<br>Impoundments<br>Grams | Other Land<br>Disposal<br>Grams | Subtotal<br>Grams |           |   |  |   |
|                        |                            |  | Grams                        | Grams                      |                   |  |  |                                      |                           |                            | Impoundments<br>Grams |  |                                 |                   |           |   |  |   |
| 2122                   | Metal Mining               | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.97                                     | 0.81                                   | 0.03                                 | 0.00                      | 0.00                       | 0.00                  | 1.25                                   | 0.00                            | 3.05              | 3.05      | 0.00  | 3.05   |   |
| 2211                   | Electric Utilities         | 0.00   | 0.00                         | 6.59                       | 6.59              | 0.02                                     | 431.72                                 | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.17                                   | 0.00                            | 431.91            | 438.50    | 2.38  | 440.88   |   |
| 311/312                | Food/Beverages/Tobacco     | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.00                                     | 19.41                                  | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 19.49             | 19.49     | 0.13  | 19.62  |   |
| 321                    | Wood Products              | 0.00   | 0.01                         | 0.54                       | 0.55              | 1.68                                     | 10.98                                  | 81.89                                | 0.00                      | 0.02                       | 0.00                  | 0.01                                   | 0.01                            | 94.59             | 95.14     | 582.04  | 677.18   |   |
| 322                    | Paper                      | 0.00   | 0.00                         | 82.34                      | 82.34             | 1.35                                     | 189.15                                 | 60.26                                | 0.00                      | 9.92                       | 0.03                  | 45.59                                  | 5.90                            | 312.18            | 394.52    | 385.47  | 780.00   |   |
| 324                    | Petroleum                  | 1.03   | 0.00                         | 0.95                       | 1.98              | 0.89                                     | 21.92                                  | 3.92                                 | 0.00                      | 1.39                       | 0.00                  | 0.05                                   | 0.00                            | 28.17             | 30.14     | 19.82   | 49.97  |   |
| 325                    | Chemicals                  | 0.09   | 125.05                       | 8,673.08                   | 8,798.22          | 1.89                                     | 158.24                                 | 15,567.32                            | 107.82                    | 0.00                       | 0.00                  | 334.35                                 | 0.00                            | 16,169.61         | 24,967.83 | 9,660.84  | 34,628.67  |   |
| 326                    | Plastics and Rubber        | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.00                                     | 0.14                                   | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 0.14              | 0.14      | 0.26  | 0.40   |   |
| 327                    | Stone/Clay/Glass           | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.00                                     | 4.51                                   | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 2.92                            | 7.43              | 7.43      | 0.11  | 7.54   |   |
| 32731                  | Cement                     | 0.00   | 0.00                         | 13.97                      | 13.97             | 0.24                                     | 86.04                                  | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 86.28             | 100.25    | 0.00  | 100.25   |   |
| 331                    | Primary Metals             | 0.00   | 0.33                         | 133.98                     | 134.31            | 7.90                                     | 259.43                                 | 0.02                                 | 0.00                      | 0.00                       | 0.00                  | 8,151.81                               | 0.00                            | 8,419.15          | 8,553.46  | 1,778.94  | 10,332.40  |   |
| 332                    | Fabricated Metals          | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.00                                     | 0.02                                   | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 0.02              | 0.02      | 0.00  | 0.02   |   |
| 333                    | Machinery                  | 0.00   | 0.00                         | 0.00                       | 0.00              | 1.09                                     | 0.00                                   | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 1.09              | 1.09      | 0.00  | 1.09   |   |
| 335                    | Electrical Equipment       | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.00                                     | 0.12                                   | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 0.12              | 0.12      | 0.00  | 0.12   |   |
| 336                    | Transportation Equipment   | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.00                                     | 0.19                                   | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 0.19              | 0.19      | 0.00  | 0.19   |   |
| 337                    | Furniture                  | 0.00   | 0.00                         | 0.00                       | 0.00              | 0.00                                     | 1.31                                   | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 1.31              | 1.31      | 0.00  | 1.31   |   |
| 562                    | Hazardous Waste Management | 0.00   | 7,277.43                     | 0.00                       | 7,277.43          | 0.01                                     | 27.62                                  | 0.00                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 27.64             | 7,305.06  | 65.89   | 7,370.96   |   |
|                        | No TRI NAICS Code          | 0.00   | 0.00                         | 5.75                       | 5.75              | 0.01                                     | 6.57                                   | 0.02                                 | 0.00                      | 0.00                       | 0.00                  | 0.00                                   | 0.00                            | 6.60              | 12.34     | 0.00  | 12.34  |   |
|                        | Total                      | 1.12   | 7,402.81                     | 8,917.19                   | 16,321.12         | 16.05                                    | 1,218.18                               | 15,713.44                            | 107.82                    | 11.41                      | 0.03                  | 8,533.22                               | 8.83                            | 25,608.98         | 41,930.10 | 12,495.90   | 54,426.00  |   |

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

## TRI On-site and Off-site Disposal or Other Releases, by State, 2010: Dioxin and Dioxin-like Compounds

| State                | On-site Disposal or Other Releases  |                            |                               |                |  |                                  |                                |                        |                      |                              |                                  |                           |                |           |           | Total On-site Disposal or Other Releases Grams | Total Off-site Disposal or Other Releases Grams | Total On-site and Off-site Disposal or Other Releases Grams |
|----------------------|---|----------------------------|-------------------------------|----------------|--|----------------------------------|--------------------------------|------------------------|----------------------|------------------------------|----------------------------------|---------------------------|----------------|-----------|-----------|--|---|---|
|                      | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                            |                               |                | Other On-site Disposal or Other Releases |                                  |                                |                        |                      |                              |                                  |                           |                |           |           |  |   |   |
|                      | RCRA Subtitle C   |                            |                               |                | RCRA Subtitle C                          |                                  |                                |                        |                      |                              |                                  |                           |                |           |           |  |   |   |
|                      | Class I Wells Grams   | Subtitle C Landfills Grams | Other On-site Landfills Grams | Subtotal Grams | Fugitive Air Emissions Grams             | Point Source Air Emissions Grams | Surface Water Discharges Grams | Class II-V Wells Grams | Land Treatment Grams | C Surface Impoundments Grams | Other Surface Impoundments Grams | Other Land Disposal Grams | Subtotal Grams |           |           |  |   |   |
| Alabama              | 0.00  | 0.00                       | 10.14                         | 10.14          | 0.16                                     | 56.83                            | 57.12                          | 0.00                   | 0.02                 | 0.00                         | 0.35                             | 0.27                      | 114.75         | 124.89    | 126.01    | 250.90   |   |   |
| Alaska               | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 0.71                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 0.71           | 0.00      | 0.00      | 0.71   |   |   |
| Arizona              | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.58                                     | 12.98                            | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.75                             | 0.00                      | 14.30          | 14.30     | 0.00      | 14.30  |   |   |
| Arkansas             | 0.00  | 0.00                       | 14.07                         | 14.07          | 0.00                                     | 23.32                            | 8.45                           | 0.00                   | 7.24                 | 0.00                         | 0.13                             | 0.00                      | 39.13          | 53.20     | 0.15      | 53.34  |   |   |
| California           | 0.00  | 52.71                      | 0.00                          | 52.71          | 0.18                                     | 58.77                            | 0.95                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 59.90          | 112.61    | 63.21     | 175.82   |   |   |
| Colorado             | 0.00  | 3.10                       | 0.00                          | 3.10           | 0.24                                     | 15.25                            | 0.04                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 15.53          | 18.63     | 0.63      | 19.26  |   |   |
| Connecticut          | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 2.27                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 2.27           | 2.27      | 0.02      | 2.29   |   |   |
| Delaware             | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 8.37                             | 0.51                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 8.88           | 8.88      | 244.10    | 252.98   |   |   |
| District of Columbia | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 0.25                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 0.25           | 0.25      | 0.00      | 0.25   |   |   |
| Florida              | 0.00  | 0.00                       | 2.93                          | 2.93           | 0.00                                     | 50.62                            | 3.17                           | 0.00                   | 1.63                 | 0.00                         | 4.65                             | 0.00                      | 60.06          | 62.99     | 1.86      | 64.85  |   |   |
| Georgia              | 0.00  | 0.00                       | 3.68                          | 3.68           | 0.30                                     | 38.41                            | 12.93                          | 0.00                   | 0.00                 | 0.03                         | 1.88                             | 4.83                      | 58.38          | 62.07     | 0.57      | 62.64  |   |   |
| Guam                 | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 0.22                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 0.22           | 0.22      | 0.00      | 0.22   |   |   |
| Hawaii               | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 3.09                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 3.09           | 3.09      | 1.03      | 4.12   |   |   |
| Idaho                | 0.00  | 0.00                       | 0.02                          | 0.02           | 0.00                                     | 1.44                             | 0.44                           | 0.00                   | 0.08                 | 0.00                         | 0.00                             | 0.00                      | 1.96           | 1.98      | 8.97      | 10.95  |   |   |
| Illinois             | 0.00  | 0.25                       | 0.00                          | 0.25           | 0.09                                     | 31.15                            | 0.04                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 31.27          | 31.52     | 72.37     | 103.90   |   |   |
| Indiana              | 0.00  | 0.00                       | 95.17                         | 95.17          | 0.02                                     | 43.65                            | 0.01                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 43.67          | 138.84    | 74.62     | 213.47   |   |   |
| Iowa                 | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 24.58                            | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 24.58          | 24.58     | 0.02      | 24.60  |   |   |
| Kansas               | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 9.97                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 9.97           | 9.97      | 0.00      | 9.97   |   |   |
| Kentucky             | 0.00  | 0.00                       | 36.18                         | 36.18          | 0.84                                     | 49.31                            | 14,144.02                      | 0.00                   | 0.00                 | 0.00                         | 0.20                             | 0.00                      | 14,194.37      | 14,230.55 | 2,911.61  | 17,142.16                                      |   |   |
| Louisiana            | 0.09  | 0.00                       | 66.45                         | 66.54          | 1.68                                     | 62.22                            | 494.02                         | 0.00                   | 0.00                 | 0.00                         | 1.06                             | 0.00                      | 558.98         | 625.52    | 933.84    | 1,559.36                                       |   |   |
| Maine                | 0.00  | 0.00                       | 1.13                          | 1.13           | 0.00                                     | 7.04                             | 0.15                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 7.20           | 8.32      | 1.47      | 9.79   |   |   |
| Maryland             | 0.00  | 0.00                       | 5.75                          | 5.75           | 0.00                                     | 13.42                            | 0.02                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 13.44          | 19.19     | 0.00      | 19.19  |   |   |
| Massachusetts        | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 5.56                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 5.56           | 5.56      | 0.00      | 5.56   |   |   |
| Michigan             | 0.00  | 2.52                       | 2.90                          | 5.42           | 0.03                                     | 25.71                            | 2.73                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 28.47          | 33.89     | 54.57     | 88.46  |   |   |
| Minnesota            | 0.00  | 0.00                       | 0.75                          | 0.75           | 4.84                                     | 16.68                            | 0.35                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 21.88          | 22.63     | 258.76    | 281.40   |   |   |
| Mississippi          | 0.00  | 0.00                       | 394.18                        | 394.18         | 0.02                                     | 16.16                            | 17.02                          | 0.00                   | 1.03                 | 0.00                         | 333.66                           | 0.00                      | 367.89         | 762.07    | 162.30    | 924.37   |   |   |
| Missouri             | 0.00  | 0.33                       | 0.00                          | 0.33           | 0.00                                     | 95.15                            | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 95.15          | 95.48     | 0.00      | 95.48  |   |   |
| Montana              | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.01                                     | 9.22                             | 0.07                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 9.30           | 9.30      | 1.59      | 10.89  |   |   |
| Nebraska             | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 3.65                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 3.65           | 3.65      | 0.00      | 3.65   |   |   |
| Nevada               | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.21                                     | 6.04                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 6.25           | 6.25      | 0.00      | 6.25   |   |   |
| New Hampshire        | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 0.37                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 0.37           | 0.37      | 0.00      | 0.37   |   |   |
| New Jersey           | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.50                                     | 2.43                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 2.93           | 2.93      | 43.47     | 46.40  |   |   |
| New Mexico           | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 3.74                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 3.74           | 3.74      | 0.00      | 3.74   |   |   |
| New York             | 0.00  | 0.12                       | 0.04                          | 0.15           | 0.08                                     | 22.67                            | 2.28                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 25.03          | 25.18     | 4.87      | 30.05  |   |   |
| North Carolina       | 0.00  | 0.00                       | 19.60                         | 19.60          | 0.00                                     | 74.20                            | 10.35                          | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 84.54          | 104.15    | 0.53      | 104.68   |   |   |
| North Dakota         | 0.00  | 0.00                       | 0.95                          | 0.95           | 0.01                                     | 17.31                            | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 17.33          | 18.27     | 0.00      | 18.27  |   |   |
| Ohio                 | 0.00  | 6,773.32                   | 377.07                        | 7,150.39       | 0.27                                     | 30.58                            | 0.47                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 2.92                      | 34.24          | 7,184.63  | 108.36    | 7,292.99                                       |   |   |
| Oklahoma             | 0.00  | 0.00                       | 23.28                         | 23.28          | 0.21                                     | 13.22                            | 0.21                           | 0.00                   | 0.00                 | 0.00                         | 4.28                             | 0.00                      | 17.92          | 41.19     | 21.00     | 62.19  |   |   |
| Oregon               | 0.00  | 447.94                     | 0.62                          | 448.56         | 1.55                                     | 7.69                             | 0.18                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.79                      | 10.22          | 458.78    | 34.27     | 493.05   |   |   |
| Pennsylvania         | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.01                                     | 43.76                            | 1.07                           | 0.00                   | 0.00                 | 0.00                         | 0.08                             | 0.00                      | 44.91          | 44.91     | 5.12      | 50.03  |   |   |
| Puerto Rico          | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 14.03                            | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 14.03          | 14.03     | 0.33      | 14.36  |   |   |
| South Carolina       | 0.00  | 0.00                       | 1.13                          | 1.13           | 1.10                                     | 25.10                            | 4.53                           | 0.00                   | 0.02                 | 0.00                         | 15.63                            | 0.00                      | 46.37          | 47.50     | 2.09      | 49.59  |   |   |
| South Dakota         | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 9.10                             | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 9.10           | 9.10      | 0.00      | 9.11   |   |   |
| Tennessee            | 0.00  | 0.69                       | 1,441.05                      | 1,441.74       | 0.47                                     | 25.00                            | 3.27                           | 0.00                   | 0.00                 | 0.00                         | 0.04                             | 0.00                      | 28.78          | 1,470.52  | 44.14     | 1,514.66                                       |   |   |
| Texas                | 1.03  | 121.84                     | 6,400.07                      | 6,522.94       | 1.19                                     | 95.69                            | 928.33                         | 107.82                 | 0.00                 | 0.00                         | 18.34                            | 0.01                      | 1,151.39       | 7,674.33  | 6,151.80  | 13,826.13                                      |   |   |
| Utah                 | 0.00  | 0.00                       | 6.59                          | 6.59           | 0.31                                     | 31.21                            | 0.10                           | 0.00                   | 0.00                 | 0.00                         | 8,151.81                         | 0.00                      | 8,183.43       | 8,190.02  | 22.24     | 8,212.26                                       |   |   |
| Virgin Islands       | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 1.22                             | 1.10                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 2.32           | 2.32      | 0.00      | 2.32   |   |   |
| Virginia             | 0.00  | 0.00                       | 1.73                          | 1.73           | 0.03                                     | 12.10                            | 1.35                           | 0.00                   | 0.00                 | 0.00                         | 0.37                             | 0.00                      | 13.84          | 15.57     | 22.98     | 38.55  |   |   |
| Washington           | 0.00  | 0.00                       | 9.90                          | 9.90           | 1.03                                     | 33.82                            | 15.23                          | 0.00                   | 1.39                 | 0.00                         | 0.00                             | 0.00                      | 51.46          | 61.37     | 312.01    | 373.38   |   |   |
| West Virginia        | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.03                                     | 11.28                            | 2.89                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 14.19          | 14.19     | 37.31     | 51.50  |   |   |
| Wisconsin            | 0.00  | 0.00                       | 1.83                          | 1.83           | 0.07                                     | 31.67                            | 0.07                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 31.81          | 33.64     | 767.66    | 801.30   |   |   |
| Wyoming              | 0.00  | 0.00                       | 0.00                          | 0.00           | 0.00                                     | 19.94                            | 0.00                           | 0.00                   | 0.00                 | 0.00                         | 0.00                             | 0.00                      | 19.94          | 19.94     | 0.00      | 19.94  |   |   |
| Total                | 1.12  | 7,402.81                   | 8,917.19                      | 16,321.12      | 16.05                                    | 1,218.18                         | 15,713.44                      | 107.82                 | 11.41                | 0.03                         | 8,533.22                         | 8.83                      | 25,608.98      | 41,930.10 | 12,495.90 | 54,426.00                                      |   |   |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/triprogram/FactorsToConPDF.pdf](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Dioxin and Dioxin-like Compounds

|   |                  |       |            |                    | On-site Disposal or Other Releases  |                                 |                               |                |  |                                  |                                |                        |                      |  |                                  |                           |                |           | Total On-site Disposal or Other Releases Grams |
|---|------------------|-------|------------|--------------------|---|---------------------------------|-------------------------------|----------------|--|----------------------------------|--------------------------------|------------------------|----------------------|--|----------------------------------|---------------------------|----------------|-----------|--|
|   |                  |       |            |                    | On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                 |                               |                | Other On-site Disposal or Other Releases |                                  |                                |                        |                      |  |                                  |                           |                |           |  |
|   |                  |       |            |                    |   |                                 |                               |                |  |                                  |                                |                        |                      |  |                                  |                           |                |           |  |
| Facility  | City             | State | NAICS Code | Total Forms Number | Class I Wells Grams   | RCRA Subtitle C Landfills Grams | Other On-site Landfills Grams | Subtotal Grams | Fugitive Air Emissions Grams             | Point Source Air Emissions Grams | Surface Water Discharges Grams | Class II-V Wells Grams | Land Treatment Grams | RCRA Subtitle C Surface Impoundments Grams | Other Surface Impoundments Grams | Other Land Disposal Grams | Subtotal Grams |           |  |
| Westlake Vinyls Inc                                   | Calvert City     | KY    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.62                             | 14,143.98                      | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 14,144.60      | 14,144.60 |  |
| US Magnesium LLC                                      | Rowley           | UT    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.12                                     | 6.34                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 8,151.69                         | 0.00                      | 8,158.14       | 8,158.14  |  |
| Dow Chemical Co Freeport Facility                     | Freeport         | TX    | 325        | 1                  | 0.00  | 121.84                          | 6,399.65                      | 6,521.50       | 0.00                                     | 13.97                            | 918.73                         | 107.82                 | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 1,040.52       | 7,562.02  |  |
| Envirosafe Services of Ohio Inc                       | Oregon           | OH    | 562        | 1                  | 0.00  | 6,773.32                        | 0.00                          | 6,773.32       | 0.01                                     | 0.00                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.01           | 6,773.33  |  |
| Oxy Vinyls LP La Porte VCM Plant                      | La Porte         | TX    | 325        | 2                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.67                             | 2.39                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 3.06           | 3.06      |  |
| GB Biosciences Corp                                   | Houston          | TX    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 1.01                                     | 7.35                             | 0.05                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 8.41           | 8.41      |  |
| DuPont Johnsonville Plant                             | New Johnsonville | TN    | 325        | 1                  | 0.00  | 0.00                            | 1,438.53                      | 1,438.53       | 0.00                                     | 0.97                             | 1.54                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 2.51           | 1,441.05  |  |
| JL French Corp - Gateway                              | Sheboygan        | WI    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.06                                     | 7.88                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 7.94           | 7.94      |  |
| The Dow Chemical Co - Louisiana Operations            | Plaquemine       | LA    | 325        | 1                  | 0.00  | 0.00                            | 45.40                         | 45.40          | 0.00                                     | 8.91                             | 457.00                         | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 465.91         | 511.31    |  |
| Chemical Waste Management of the Northwest Inc        | Arlington        | OR    | 562        | 1                  | 0.00  | 447.93                          | 0.00                          | 447.93         | 0.00                                     | 0.65                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.65           | 448.58    |  |
| DuPont Delisle Plant                                  | Pass Christian   | MS    | 325        | 1                  | 0.00  | 0.00                            | 393.10                        | 393.10         | 0.02                                     | 1.26                             | 0.04                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 1.31           | 394.41    |  |
| Collfax Treating Co LLC                               | Pineville        | LA    | 321        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.00                             | 4.83                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 4.83           | 4.83      |  |
| Tronox LLC  | Hamilton         | MS    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.12                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 333.66                           | 0.00                      | 333.77         | 333.77    |  |
| Simpson Tacoma Kraft Co LLC                           | Tacoma           | WA    | 322        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.66                             | 1.39                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 2.05           | 2.05      |  |
| Spectro Alloys Corp                                   | Rosemount        | MN    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 4.83                                     | 2.61                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 7.44           | 7.44      |  |
| Georgia Gulf Chemicals & Vinyl S LLC                  | Plaquemine       | LA    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 1.85                             | 1.90                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 3.76           | 3.76      |  |
| Millennium Inorganic Chemicals A Cristal Co           | Ashtabula        | OH    | 325        | 1                  | 0.00  | 0.00                            | 246.64                        | 246.64         | 0.00                                     | 0.00                             | 0.16                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.16           | 246.80    |  |
| Occidental Chemical Corp                              | Gregory          | TX    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.18                             | 3.19                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 3.37           | 3.37      |  |
| DuPont Edge Moor                                      | Edgemoor         | DE    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.04                             | 0.51                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.55           | 0.55      |  |
| JL French Glasgow Plant #1                            | Glasgow          | KY    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 2.22                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 2.23           | 2.23      |  |
| Electric Mills Wood Preserving LLC                    | Scooba           | MS    | 321        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.02                             | 3.81                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 3.83           | 3.83      |  |
| PPG Industries Inc                                    | Westlake         | LA    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.53                             | 11.14                          | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 11.67          | 11.67     |  |
| Westlake Vinyls Co                                    | Geismar          | LA    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 7.92                             | 0.25                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 8.17           | 8.17      |  |
| Millennium Inorganic Chemicals A Cristal Co           | Ashtabula        | OH    | 325        | 1                  | 0.00  | 0.00                            | 129.26                        | 129.26         | 0.00                                     | 0.02                             | 0.01                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.03           | 129.29    |  |
| Formosa Plastics Corp Texas                           | Point Comfort    | TX    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 2.10                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 2.10           | 2.10      |  |
| Aleris Specification Alloys Inc                       | Wabash           | IN    | 331        | 1                  | 0.00  | 0.00                            | 94.57                         | 94.57          | 0.00                                     | 6.24                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 6.24           | 100.81    |  |
| Imco Recycling of Ohio LLC                            | Uhrichsville     | OH    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 4.84                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 4.84           | 4.84      |  |
| ArcelorMittal Burns Harbor LLC                        | Burns Harbor     | IN    | 331        | 1                  | 0.00  | 0.00                            | 0.60                          | 0.60           | 0.00                                     | 7.00                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 7.00           | 7.60      |  |
| Missouri Chemical Works                               | Louisiana        | MO    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 68.58                            | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 68.58          | 68.58     |  |
| Aleris Specification Alloys Inc                       | Steele           | AL    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 2.77                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 2.77           | 2.77      |  |
| Clean Harbors Buttonwillow LLC                        | Buttonwillow     | CA    | 562        | 1                  | 0.00  | 52.71                           | 0.00                          | 52.71          | 0.00                                     | 0.00                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.00           | 52.71     |  |
| Tennessee Aluminum Processors Inc                     | Gadsden          | AL    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.61                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.61           | 0.61      |  |
| Peoria Disposal Co #1                                 | Peoria           | IL    | 562        | 1                  | 0.00  | 0.25                            | 0.00                          | 0.25           | 0.00                                     | 0.01                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.01           | 0.26      |  |
| Light Metals Inc                                      | City Of Industry | CA    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.11                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.11           | 0.11      |  |
| Aleris Recycling Inc                                  | Coldwater        | MI    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 2.45                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 2.45           | 2.45      |  |
| Gerdau Ameristeel - Charlotte Steel Mill              | Charlotte        | NC    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 47.99                            | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 47.99          | 47.99     |  |
| Cascades Tissue Group - Wisconsin Inc                 | Eau Claire       | WI    | 322        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.00                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.00           | 0.00      |  |
| Aleris Recycling Inc                                  | Morgantown       | KY    | 331        | 1                  | 0.00  | 0.00                            | 36.17                         | 36.17          | 0.00                                     | 1.90                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 1.90           | 38.07     |  |
| Lehigh Southwest Cement Co                            | Tehachapi        | CA    | 32731      | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 36.00                            | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 36.00          | 36.00     |  |
| McFarland Cascade Pole & Lumber Co                    | Eugene           | OR    | 321        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 1.55                                     | 0.00                             | 0.15                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 1.71           | 1.71      |  |
| Shell Chemical LP                                     | Deer Park        | TX    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.82                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.82           | 0.82      |  |
| International Paper Co                                | Valiant          | OK    | 322        | 1                  | 0.00  | 0.00                            | 23.27                         | 23.27          | 0.00                                     | 5.30                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 4.28                             | 0.00                      | 9.58           | 32.85     |  |
| Formosa Plastics Corp Louisiana                       | Baton Rouge      | LA    | 325        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 18.76                            | 9.73                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 28.49          | 28.49     |  |
| Temple-Inland Orange Mill                             | Orange           | TX    | 322        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 28.44                            | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 28.44          | 28.44     |  |
| Cahaba Pressure Treated Forest Products Inc           | Brierfield       | AL    | 321        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.06                             | 27.00                          | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 27.06          | 27.06     |  |
| Tennessee Aluminum Processors Inc                     | Mount Pleasant   | TN    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 0.28                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 0.28           | 0.28      |  |
| Kaiser Aluminum Fabricated Products - Trentwood Works | Spokane Valley   | WA    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.85                                     | 16.89                            | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 17.74          | 17.74     |  |
| Aleris Recycling Bens Run LLC                         | Friendly         | WV    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 1.15                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 1.15           | 1.15      |  |
| State Metal Industries Inc                            | Camden           | NJ    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.45                                     | 1.44                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 1.89           | 1.89      |  |
| Aleris Recycling Inc                                  | Chicago Heights  | IL    | 331        | 1                  | 0.00  | 0.00                            | 0.00                          | 0.00           | 0.00                                     | 1.11                             | 0.00                           | 0.00                   | 0.00                 | 0.00                                       | 0.00                             | 0.00                      | 1.11           | 1.11      |  |

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The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: Dioxin and Dioxin-like Compounds

| Facility  | Off-site Disposal or Other Releases  |                                 |                       |                |   |  |   |   |                        |  |                                  |                      |                           |                                 |  |               |                |          | Total Off-site Disposal or Other Releases Grams | Total On-site and Off-site Disposal or Other Releases Grams |
|---|--|---------------------------------|-----------------------|----------------|---|--|---|---|------------------------|--|----------------------------------|----------------------|---------------------------|---------------------------------|--|---------------|----------------|----------|---|---|
|   | Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills |                                 |                       |                | Other Off-site Disposal or Other Releases |  |   |   |                        |  |                                  |                      |                           |                                 |  |               |                |          |   |   |
|   | Class I Wells Grams  | RCRA Subtitle C Landfills Grams | Other Landfills Grams | Subtotal Grams | Storage Only Grams                        | Solidification/ Stabilization (Metals and Metal Category Compounds Only) Grams | Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Grams | Transfers to POTWs (Metals and Metal Category Compounds Only) Grams | Class II-V Wells Grams | RCRA Subtitle C Surface Impoundments Grams | Other Surface Impoundments Grams | Land Treatment Grams | Other Land Disposal Grams | Other Off-site Management Grams | Transfers to Waste Broker for Disposal Grams | Unknown Grams | Subtotal Grams |          |   |   |
|   |  |                                 |                       |                |   |  |   |   |                        |  |                                  |                      |                           |                                 |  |               |                |          |   |   |
| Westlake Vinyls Inc                                   | 0.00   | 0.00                            | 2,702.80              | 2,702.80       | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 2,702.80 | 16,847.40                                       |   |
| US Magnesium LLC                                      | 0.00   | 2.04                            | 0.00                  | 2.04           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 2.04     | 8,160.18  |   |
| Dow Chemical Co Freeport Facility                     | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 662.00                          | 0.00   | 0.00          | 0.00           | 0.00     | 7,562.02  |   |
| Envirosafe Services of Ohio Inc                       | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 7.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 6,773.33  |   |
| Oxy Vinyls LP La Porte VCM Plant                      | 0.00   | 0.00                            | 3,221.03              | 3,221.03       | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 3,221.03 | 3,224.09  |   |
| GB Biosciences Corp                                   | 0.00   | 2,499.80                        | 37.84                 | 2,537.64       | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 2,537.64 | 2,546.05  |   |
| DuPont Johnsonville Plant                             | 0.00   | 0.00                            | 0.01                  | 0.01           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.01     | 1,441.06  |   |
| JL French Corp - Gateway                              | 0.00   | 0.00                            | 721.73                | 721.73         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 721.73   | 729.67  |   |
| The Dow Chemical Co - Louisiana Operations            | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 511.31  |   |
| Chemical Waste Management of the Northwest Inc        | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 448.58  |   |
| DuPont Delisle Plant                                  | 0.00   | 0.00                            | 0.24                  | 0.24           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.24     | 394.65  |   |
| Collax Treating Co LLC                                | 0.00   | 0.00                            | 379.82                | 379.82         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 379.82   | 384.64  |   |
| Tronox LLC  | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 333.77  |   |
| Simpson Tacoma Kraft Co LLC                           | 0.00   | 0.00                            | 283.66                | 283.66         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 283.66   | 285.72  |   |
| Spectro Alloys Corp                                   | 0.00   | 0.00                            | 258.54                | 258.54         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 258.54   | 265.98  |   |
| Georgia Gulf Chemicals & Vinyl S LLC                  | 0.00   | 1.97                            | 253.71                | 255.68         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 2.14          | 2.14           | 257.82   | 261.57  |   |
| Millennium Inorganic Chemicals A Cristal Co           | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 246.80  |   |
| Occidental Chemical Corp                              | 0.00   | 234.60                          | 7.51                  | 242.11         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 242.11   | 245.48  |   |
| DuPont Edge Moor                                      | 0.00   | 0.00                            | 243.99                | 243.99         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 243.99   | 244.54  |   |
| JL French Glasgow Plant #1                            | 0.00   | 0.00                            | 202.44                | 202.44         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 202.44   | 204.67  |   |
| Electric Mills Wood Preserving LLC                    | 0.00   | 0.00                            | 160.67                | 160.67         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 160.67   | 164.50  |   |
| PPG Industries Inc                                    | 0.00   | 131.24                          | 0.00                  | 131.24         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 131.24   | 142.92  |   |
| Westlake Vinyls Co                                    | 0.00   | 0.00                            | 132.71                | 132.71         | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 132.71   | 140.88  |   |
| Millennium Inorganic Chemicals A Cristal Co           | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 129.29  |   |
| Formosa Plastics Corp Texas                           | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 102.26                          | 0.00   | 102.26        | 102.26         | 104.36   |   |   |
| Aleris Specification Alloys Inc                       | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 100.81  |   |
| Imco Recycling of Ohio LLC                            | 0.00   | 0.09                            | 91.95                 | 92.04          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 92.04    | 96.88   |   |
| ArcelorMittal Burns Harbor LLC                        | 0.00   | 0.00                            | 63.60                 | 63.60          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 63.60    | 71.20   |   |
| Missouri Chemical Works                               | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 68.58   |   |
| Aleris Specification Alloys Inc                       | 0.00   | 52.84                           | 0.00                  | 52.84          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 52.84    | 55.61   |   |
| Clean Harbors Buttonwillow LLC                        | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 52.71   |   |
| Tennessee Aluminum Processors Inc                     | 0.00   | 0.00                            | 51.68                 | 51.68          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 51.68    | 52.29   |   |
| Peoria Disposal Co #1                                 | 0.00   | 0.00                            | 51.31                 | 51.31          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 51.31    | 51.57   |   |
| Light Metals Inc                                      | 0.00   | 0.00                            | 50.16                 | 50.16          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 50.16    | 50.27   |   |
| Aleris Recycling Inc                                  | 0.00   | 0.00                            | 46.72                 | 46.72          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 46.72    | 49.17   |   |
| Gerdau Ameristeel - Charlotte Steel Mill              | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 47.99   |   |
| Cascades Tissue Group - Wisconsin Inc                 | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 43.05                | 0.00                      | 0.00                            | 0.00   | 43.05         | 43.05          | 43.05    | 43.05   |   |
| Aleris Recycling Inc                                  | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 38.07   |   |
| Lehigh Southwest Cement Co                            | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 36.00   |   |
| McFarland Cascade Pole & Lumber Co                    | 0.00   | 0.00                            | 32.99                 | 32.99          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 32.99    | 34.70   |   |
| Shell Chemical LP                                     | 0.00   | 0.00                            | 32.73                 | 32.73          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 32.73    | 33.55   |   |
| International Paper Co                                | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 32.85   |   |
| Formosa Plastics Corp Louisiana                       | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 28.49   |   |
| Temple-Inland Orange Mill                             | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 28.44   |   |
| Cahaba Pressure Treated Forest Products Inc           | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 27.06   |   |
| Tennessee Aluminum Processors Inc                     | 0.00   | 0.00                            | 23.39                 | 23.39          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 23.39    | 23.67   |   |
| Kaiser Aluminum Fabricated Products - Trentwood Works | 0.00   | 0.00                            | 5.54                  | 5.54           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 5.54     | 23.28   |   |
| Aleris Recycling Bens Run LLC                         | 0.00   | 0.00                            | 21.84                 | 21.84          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 21.84    | 22.99   |   |
| State Metal Industries Inc                            | 0.00   | 0.00                            | 0.00                  | 0.00           | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 0.00     | 22.53   |   |
| Aleris Recycling Inc                                  | 0.00   | 0.00                            | 21.05                 | 21.05          | 0.00                                      | 0.00   | 0.00  | 0.00  | 0.00                   | 0.00                                       | 0.00                             | 0.00                 | 0.00                      | 0.00                            | 0.00   | 0.00          | 0.00           | 21.05    | 22.16   |   |

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/triprogramFactorsToConPDF.pdf](http://www.epa.gov/tri/triprogramFactorsToConPDF.pdf).

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).