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Subject: Review of Toxic Release Inventory data from 1999-2002 as related to the NPDES Industrial Storm Water Permit Program
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SUMMARY

This technical memorandum provides further review of the Toxic Release Inventory (TRI) data to determine the extent to which storm water runoff data has been reported by facilities that might fall under the NPDES industrial storm water regulations and the MSGP. This analysis supplements the analysis summarized in a Tetra Tech memorandum from September 15, 2004 and uses TRI data from 1999–2002.

DATA PROCESSING

TRI data were downloaded from the 1999, 2000, 2001, and 2002 reporting years and compiled into a Microsoft® Access database for analysis. The TRI data files contain facility, chemical release, and other waste management summary information. These data were combined (1999: 84,078 records, 2000: 91,513 records, 2001: 95,513 records, 2002: 93,380 records) to yield 364,484 records. One facility might have multiple records pertaining to different chemicals for each reporting year.

Based on these data, 274 distinct SIC codes were found to have reported storm water loading information. Storm water loading was estimated by multiplying the total stream discharge by the fraction of discharge from storm water. Those SIC codes not already considered by the MSGP rule were maintained and grouped under the sector "Other" and are maintained in this analysis. Also included in the "Other" sector are those SIC codes derived from the analysis of DMR data submitted to Tetra Tech. Table 1 provides a listing of these additional SIC codes that have been maintained for this analysis. It was found that 361,294 of the 364,484 records (99.1%) pertained to the SIC codes in the MSGP rule and the additional 13 SIC codes that were maintained for this analysis. The remainder of this analysis is limited to the 361,294 records.

Table 1. List of Additional SIC Codes that Indicated Storm Water Loadings based upon Discharge Monitoring Report (DMR) data.

SIC Code	SIC Activity
4961	Steam and Air Conditioning Supply
4613	Refined Petroleum Pipelines
4911	Electric Services
9711	National Security
9511	Air and Water Resource and Solid Waste Management
5169	Chemicals and Allied Products, Not Elsewhere Classified
8731	Commercial Physical and Biological Research

Table 1. List of Additional SIC Codes that Indicated Storm Water Loadings based upon Discharge Monitoring Report (DMR) data.

SIC Code	SIC Activity
8733	Noncommercial Research Organizations
4925	Mixed, Manufactured, or Liquefied Petroleum Gas Production and/or Distribution
5013	Motor Vehicle Supplies and New Parts
4931	Electric and Other Services Combined
9621	Regulation and Administration of Transportation Programs
8999	Services, Not Elsewhere Classified

NATIONAL/SECTOR LEVEL ANALYSIS

As expected many facilities report data for multiple chemicals and report data in multiple years. In all, 32,705 facilities (based on unique TRIFID) reported data from 1999-2002. By year, the fewest number of facilities submitting data was in 1999 (22,383). The most facilities reported data in 2001 (24,665).

Attachment 1 presents the number of TRI facilities by MSGP sector and reporting year based on whether the facility had at least one record (regardless of chemical) for which storm water loading data were present for a particular reporting year. The last set of columns in Attachment 1 presents the number of TRI facilities by MSGP sector based on whether the facility had at least one record (regardless of chemical) for which storm water loading data were present for any year from 1999-2002. Attachment 1a presents the same information by percent of facilities. Annually, between 7.4 and 8.3 percent of facilities reported storm water loading data from 1999-2002. Over the 4-year period, 8.9 percent (2,910 of 32,705 facilities) reported storm water loading data for at least one chemical in at least one of the reporting years.

Within each sector, the percent of facilities reporting storm water loading data also tended to vary relatively little from year to year for sectors with at least 100 facilities reporting. When considering all reported data, sectors **P** (land transportation), **I** (oil and gas extraction and refining), and **F** (primary metals) had more than 20 percent of the facilities reporting storm water loading data. Sector **N** (scrap recycling facilities) also had more than 20 percent of the facilities reporting storm water loading data, but only had seven reporting facilities. Sectors **G** (metal mining [ore mining and dressing]) and **L** (landfills and land application sites) had about 17 percent of the facilities reporting storm water loading data. Sector **H** (coal mines and coal mining-related facilities) had 14.3 percent of the facilities reporting storm water loading data.

Noticeably, there was no facility reporting in sectors **K** (hazardous waste treatment storage or disposal facilities), **M** (automobile salvage yards), **O** (steam electric generating facilities), and **T** (treatment works).

SUBSECTOR LEVEL ANALYSIS

Further analysis was considered at the subsector level since interesting features might be obscured when combined with other subsectors as done in the previous analysis.

Attachment 2 presents the last three columns of Attachments 1 and 1a broken out by subsector. Attachment 3 provides the same information broken out by SIC code. The remainder of this section provides a summary of observations from Attachments 2 and 3 that merit note in relation to the observations from the sector-level analysis.

In sector **A** (timber products), subsector 2 (wood preserving), 30 percent of the facilities reported storm water loading data. In sector **C** (chemical and allied products), subsectors 1 (industrial inorganic chemicals) and 7 (agricultural chemicals, including facilities that make fertilizer solely from leather scraps and leather dust), 13.1 and 22.1 percent of the facilities reported storm water loading data, respectively. In sector **F** (primary metals), nonferrous foundries (castings) and miscellaneous primary metal products (subsectors 6 and 7) had noticeably lower percentages of facilities reporting storm water loading than other subsectors in sector **F**. The relatively high reporting in sector **G** (metal mining) can be attributed to copper ores (subsector 2), lead and zinc ores (subsector 3), and to a lesser extent ferroalloy ores, except vanadium (subsector 5).

Within sector **I** (oil and gas extraction and refining), subsector 4 (petroleum refineries) accounts for all of the facilities reporting storm water loading. Within sector **P** (land transportation), subsector 5 (petroleum bulk stations and terminals) accounts for all of the storm water loading data reported. Within sector **Y** (rubber, miscellaneous plastic products, and miscellaneous manufacturing industries), subsector 1 accounts for most of the facilities reporting storm water loading.

SECTOR-CHEMICAL LEVEL ANALYSIS

Further analysis of the TRI data is provided in Attachment 4. This attachment presents the number of facilities reporting storm water loading for each sector and chemical commonly associated with the benchmark monitoring of the MSGP rule. These chemicals include aluminum (aluminum, aluminum oxide, or aluminum phosphide), ammonia, arsenic (arsenic or arsenic compounds), cadmium (cadmium or cadmium compounds), cyanide (cyanide compounds), iron (iron pentacarbonyl), magnesium, mercury (mercury or mercury compounds), nitrate plus nitrite nitrogen (nitrate compounds), phosphorus, selenium (selenium or selenium compounds), silver (silver or silver compounds), and zinc (zinc or zinc compounds). A facility was considered to have reported storm water loading if the facility reported storm water loading in at least one of the reporting years. The following text provides general observations about the frequency at which MSGP-monitored chemicals and other chemicals were reported in storm water loading data. These comparisons are meant to be qualitative, and could be used to potentially add or delete chemicals from the current benchmark monitoring program. Parameters such as COD and TSS would not be expected to be presented in the TRI database.

For sector **A** (timber products), arsenic and copper are the most commonly reported MSGP-monitored chemicals. Zinc, also an MSGP-monitored chemical, is not reported as often. Chromium, which is not an MSGP-monitored chemical for this sector, is reported at the same level of frequency as arsenic and copper.

For sector **B** (paper and allied products), no particular chemicals in attachment 4 are notable.

For sector **C** (chemical and allied products), lead, zinc, and nitrate compounds are the most commonly reported MSGP-monitored chemicals. Aluminum and iron, also MSGP-monitored chemicals, are not reported as often. Several non-MSGP-monitored chemicals for this sector, including arsenic, cadmium, chromium, copper, mercury, and lead are commonly reported.

For sector **D** (asphalt paving and roofing materials), no particular chemicals in attachment 4 are notable.

In sector **E** (glass, clay, cement, concrete, and gypsum manufacturing), aluminum, an MSGP-monitored chemical, was not reported while several non-MSGP-monitored chemicals (chromium, lead, and zinc) were reported more frequently.

In sector **F** (primary metals), aluminum, copper, and zinc, were the most commonly reported MSGP-monitored chemicals. Iron, an MSGP-monitored chemical, was not reported. Arsenic, cadmium, cyanide, chromium, lead, ammonia, and nitrate, non-MSGP-monitored chemicals for this sector, were commonly reported.

In sector **G** (metal mining), nitrate compounds, an MSGP-monitored parameter, were not often reported. Arsenic, copper, lead, and zinc, also MSGP-monitored parameters, were reported more frequently than nitrates.

In sector **H** (coal mines and coal mining related facilities), aluminum and iron, MSGP-monitored chemicals, were not reported while several non-MSGP-monitored parameters for this sector (chromium, lead, and mercury) were reported.

In sector **I** (oil and gas extraction and refining), although there are no MSGP-specified required monitoring parameters, ammonia, chromium, copper, cyanide, lead, mercury, nitrates, and zinc were reported.

In sector **L** (refuse systems), iron, an MSGP-monitored chemical, was not reported. Ammonia, arsenic, cadmium, chromium, copper, lead, mercury, nitrates, selenium, silver, and zinc, non-MSGP-monitored parameters for this sector, were reported.

For sector **M** (automobile salvage yards), no data are available.

For sector **N** (scrap recycling facilities), no particular chemicals in attachment 4 are notable.

For sector **O** (steam electric generating facilities), no data are available.

For sector **P** (land transportation), although there are no MSGP-monitored chemicals, lead, mercury, and zinc were reported.

For sector **Q** (water transportation), no MSGP-monitored chemicals (aluminum, iron, lead, or zinc) were reported; however, there was only one facility reporting.

For sector **R** (ship and boat building and repairing yards), although there are no MSGP-monitored chemicals, chromium, copper, lead, and zinc were reported.

For sector **S** (air transportation facilities), the MSGP-monitored chemical, ammonia, was not reported.

For sector **U** (food in kindred products), the MSGP-monitored parameter, nitrates, and a non-MSGP-monitored chemical, ammonia, were reported.

For sectors **V**, **W**, and **X**, no particular chemicals are notable.

For sector **Y** (rubber products), zinc, an MSGP-monitored chemical, is reported often. Ammonia, chromium, lead, mercury, nitrates, and copper, non-MSGP monitored chemicals for this sector, are also reported but at a lower frequency.

For sector **Z** (leather tanning and finishing), although there are no MSGP-specified required monitoring parameters, chromium was reported.

For sector **AA** (fabricated metal products), zinc is the most frequently reported MSGP-monitored chemical. Nitrates, aluminum, and iron, also MSGP-monitored parameters, are reported less often. Chromium, copper, and lead are frequently reported, but are not MSGP-monitored chemicals.

For the remaining sectors, **AB** and **AC**, although there are no MSGP-specified required monitoring parameters, chromium, copper, lead, and zinc are often reported.

Attachment 5 presents similar information to Attachment 4. However, this attachment lists all chemicals for which storm water loading data were reported and any chemical for which at least 50 facilities reported no storm water loading data. Chemicals for which fewer than 50 facilities reported no storm water loading data were not included to maintain brevity.

Attachment 1. TRI Facilities Reporting Storm Water Loading by Sector and Reporting Year from 1999-2002.

Sector	1999 TRI			2000 TRI			2001 TRI			2002 TRI			1999-2002 TRI		
	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW
A	771	74	697	807	79	728	939	84	855	943	92	851	1,252	136	1,116
B	480	12	468	543	12	531	562	13	549	521	11	510	718	26	692
C	3,905	259	3,646	3,876	264	3,612	3,752	273	3,479	3,699	271	3,428	5,046	414	4,632
D	249	16	233	402	15	387	395	18	377	410	15	395	560	29	531
E	695	37	658	803	36	767	1,073	68	1,005	1,123	75	1,048	1,390	93	1,297
F	2,132	351	1,781	2,132	376	1,756	2,131	417	1,714	2,049	423	1,626	2,770	592	2,178
G	114	17	97	98	15	83	89	14	75	80	10	70	125	22	103
H	58	11	47	81	9	72	88	12	76	85	10	75	133	19	114
I	177	28	149	186	33	153	180	35	145	167	33	134	201	48	153
J	4	0	4	2	0	2	1	0	1	11	0	11	16	0	16
L	105	13	92	105	15	90	109	16	93	112	17	95	139	24	115
N	4	2	2	3	0	3	3	0	3	3	0	3	7	2	5
P	540	125	415	571	127	444	604	136	468	610	140	470	746	202	544
Q	2	0	2	2	0	2	1	0	1	2	0	2	3	0	3
R	232	17	215	246	18	228	232	15	217	235	17	218	300	29	271
S	2	0	2	5	0	5	6	0	6	7	0	7	16	0	16
U	1,687	34	1,653	1,771	45	1,726	1,755	52	1,703	1,755	50	1,705	2,404	69	2,335
V	357	5	352	367	7	360	356	6	350	321	7	314	528	10	518
W	478	2	476	431	2	429	403	5	398	380	5	375	630	7	623
X	237	4	233	219	2	217	248	2	246	231	3	228	351	7	344
Y	2,219	118	2,101	2,292	116	2,176	2,255	117	2,138	2,233	115	2,118	3,058	177	2,881
Z	49	5	44	51	5	46	40	3	37	36	2	34	52	5	47
AA	3,073	176	2,897	3,135	193	2,942	3,217	222	2,995	3,130	261	2,869	4,312	362	3,950
AB	2,227	132	2,095	2,353	141	2,212	2,434	155	2,279	2,420	177	2,243	3,271	257	3,014
AC	1,485	117	1,368	1,581	123	1,458	2,398	128	2,270	2,203	126	2,077	3,007	188	2,819
Other	1,101	112	989	1,265	136	1,129	1,394	137	1,257	1,367	132	1,235	1,670	192	1,478
Total	22,383	1,667	20,716	23,327	1,769	21,558	24,665	1,928	22,737	24,133	1,992	22,141	32,705	2,910	29,795

Attachment 1a. TRI Facilities Reporting Storm Water Loading by Sector and Reporting Year from 1999-2002.

Sector	1999 TRI			2000 TRI			2001 TRI			2002 TRI			1999-2002 TRI		
	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW	# Fac.	w/ SW	No SW
A	771	9.6%	90.4%	807	9.8%	90.2%	939	8.9%	91.1%	943	9.8%	90.2%	1,252	10.9%	89.1%
B	480	2.5%	97.5%	543	2.2%	97.8%	562	2.3%	97.7%	521	2.1%	97.9%	718	3.6%	96.4%
C	3,905	6.6%	93.4%	3,876	6.8%	93.2%	3,752	7.3%	92.7%	3,699	7.3%	92.7%	5,046	8.2%	91.8%
D	249	6.4%	93.6%	402	3.7%	96.3%	395	4.6%	95.4%	410	3.7%	96.3%	560	5.2%	94.8%
E	695	5.3%	94.7%	803	4.5%	95.5%	1,073	6.3%	93.7%	1,123	6.7%	93.3%	1,390	6.7%	93.3%
F	2,132	16.5%	83.5%	2,132	17.6%	82.4%	2,131	19.6%	80.4%	2,049	20.6%	79.4%	2,770	21.4%	78.6%
G	114	14.9%	85.1%	98	15.3%	84.7%	89	15.7%	84.3%	80	12.5%	87.5%	125	17.6%	82.4%
H	58	19.0%	81.0%	81	11.1%	88.9%	88	13.6%	86.4%	85	11.8%	88.2%	133	14.3%	85.7%
I	177	15.8%	84.2%	186	17.7%	82.3%	180	19.4%	80.6%	167	19.8%	80.2%	201	23.9%	76.1%
J	4	0.0%	100.0%	2	0.0%	100.0%	1	0.0%	100.0%	11	0.0%	100.0%	16	0.0%	100.0%
L	105	12.4%	87.6%	105	14.3%	85.7%	109	14.7%	85.3%	112	15.2%	84.8%	139	17.3%	82.7%
N	4	50.0%	50.0%	3	0.0%	100.0%	3	0.0%	100.0%	3	0.0%	100.0%	7	28.6%	71.4%
P	540	23.1%	76.9%	571	22.2%	77.8%	604	22.5%	77.5%	610	23.0%	77.0%	746	27.1%	72.9%
Q	2	0.0%	100.0%	2	0.0%	100.0%	1	0.0%	100.0%	2	0.0%	100.0%	3	0.0%	100.0%
R	232	7.3%	92.7%	246	7.3%	92.7%	232	6.5%	93.5%	235	7.2%	92.8%	300	9.7%	90.3%
S	2	0.0%	100.0%	5	0.0%	100.0%	6	0.0%	100.0%	7	0.0%	100.0%	16	0.0%	100.0%
U	1,687	2.0%	98.0%	1,771	2.5%	97.5%	1,755	3.0%	97.0%	1,755	2.8%	97.2%	2,404	2.9%	97.1%
V	357	1.4%	98.6%	367	1.9%	98.1%	356	1.7%	98.3%	321	2.2%	97.8%	528	1.9%	98.1%
W	478	0.4%	99.6%	431	0.5%	99.5%	403	1.2%	98.8%	380	1.3%	98.7%	630	1.1%	98.9%
X	237	1.7%	98.3%	219	0.9%	99.1%	248	0.8%	99.2%	231	1.3%	98.7%	351	2.0%	98.0%
Y	2,219	5.3%	94.7%	2,292	5.1%	94.9%	2,255	5.2%	94.8%	2,233	5.2%	94.8%	3,058	5.8%	94.2%
Z	49	10.2%	89.8%	51	9.8%	90.2%	40	7.5%	92.5%	36	5.6%	94.4%	52	9.6%	90.4%
AA	3,073	5.7%	94.3%	3,135	6.2%	93.8%	3,217	6.9%	93.1%	3,130	8.3%	91.7%	4,312	8.4%	91.6%
AB	2,227	5.9%	94.1%	2,353	6.0%	94.0%	2,434	6.4%	93.6%	2,420	7.3%	92.7%	3,271	7.9%	92.1%
AC	1,485	7.9%	92.1%	1,581	7.8%	92.2%	2,398	5.3%	94.7%	2,203	5.7%	94.3%	3,007	6.3%	93.7%
Other	1,101	10.2%	89.8%	1,265	10.8%	89.2%	1,394	9.8%	90.2%	1,367	9.7%	90.3%	1,670	11.5%	88.5%
Total	22,383	7.4%	92.6%	23,327	7.6%	92.4%	24,665	7.8%	92.2%	24,133	8.3%	91.7%	32,705	8.9%	91.1%

Attachment 2. TRI Facilities Reporting Storm Water Loading by Sector and Subsector from 1999-2002.

Subsector	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
		Number	Percentage	Number	Percentage
Sector: A--Timber Products					
1	253	12	4.7%	241	95.3%
2	349	106	30.4%	243	69.6%
3	22	1	4.5%	21	95.5%
4	628	17	2.7%	611	97.3%
Sector: B--Paper and Allied Products					
1	114	6	5.3%	108	94.7%
2	194	9	4.6%	185	95.4%
3	128	7	5.5%	121	94.5%
4	64	0	0.0%	64	00.0%
5	218	4	1.8%	214	98.2%
Sector: C--Chemical and Allied Products					
1	791	104	13.1%	687	86.9%
2	689	61	8.9%	628	91.1%
3	303	15	5.0%	288	95.0%
4	557	9	1.6%	548	98.4%
5	657	19	2.9%	638	97.1%
6	767	75	9.8%	692	90.2%
7	349	77	22.1%	272	77.9%
8	926	54	5.8%	872	94.2%
9	7	0	0.0%	7	00.0%
Sector: D--Asphalt Paving and Roofing Materials Manufacturers and Lubricant Manufacturers					
1	323	8	2.5%	315	97.5%
2	237	21	8.9%	216	91.1%
Sector: E--Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing					
1	437	31	7.1%	406	92.9%
2	117	11	9.4%	106	90.6%
3	303	15	5.0%	288	95.0%
4	533	36	6.8%	497	93.2%
Sector: F--Primary Metals					
1	535	144	26.9%	391	73.1%
2	503	109	21.7%	394	78.3%
3	79	17	21.5%	62	78.5%
4	247	72	29.1%	175	70.9%
5	564	147	26.1%	417	73.9%
6	528	75	14.2%	453	85.8%
7	314	28	8.9%	286	91.1%
Sector: G--Metal Mining (Ore Mining and Dressing)					
2	29	8	27.6%	21	72.4%
3	27	8	29.6%	19	70.4%
4	55	5	9.1%	50	90.9%
5	7	1	14.3%	6	85.7%
7	7	0	0.0%	7	00.0%

Attachment 2. TRI Facilities Reporting Storm Water Loading by Sector and Subsector from 1999-2002.

Subsector	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
		Number	Percentage	Number	Percentage
Sector: H--Coal Mines and Coal Mining-Related Facilities					
N/A	133	19	14.3%	114	85.7%
Sector: I--Oil and Gas Extraction and Refining					
1	1	0	0.0%	1	00.0%
2	1	0	0.0%	1	00.0%
4	199	48	24.1%	151	75.9%
Sector: J--Mineral Mining and Dressing					
1	12	0	0.0%	12	00.0%
2	1	0	0.0%	1	00.0%
3	2	0	0.0%	2	00.0%
4	1	0	0.0%	1	00.0%
Sector: L--Refuse Systems					
N/A	139	24	17.3%	115	82.7%
Sector: N--Scrap Recycling Facilities					
N/A	7	2	28.6%	5	71.4%
Sector: P--Land Transportation					
3	27	0	0.0%	27	00.0%
5	719	202	28.1%	517	71.9%
Sector: Q--Water Transportation					
N/A	3	0	0.0%	3	00.0%
Sector: R--Ship and Boat Building and Repairing Yards					
N/A	300	29	9.7%	271	90.3%
Sector: S--Air Transportation Facilities					
N/A	16	0	0.0%	16	00.0%
Sector: U--Food and Kindred Products					
1	404	39	9.7%	365	90.3%
2	476	4	0.8%	472	99.2%
3	197	2	1.0%	195	99.0%
4	693	10	1.4%	683	98.6%
5	50	0	0.0%	50	00.0%
6	67	0	0.0%	67	00.0%
7	180	7	3.9%	173	96.1%
8	134	0	0.0%	134	00.0%
9	203	7	3.4%	196	96.6%
Sector: V--Textile Mills, Apparel, and Other Fabric Product Manufacturing					
1	462	10	2.2%	452	97.8%
2	66	0	0.0%	66	00.0%
Sector: W--Furniture and Fixtures					
N/A	630	7	1.1%	623	98.9%

Attachment 2. TRI Facilities Reporting Storm Water Loading by Sector and Subsector from 1999-2002.

Subsector	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
		Number	Percentage	Number	Percentage
Sector: X--Printing and Publishing					
N/A	351	7	2.0%	344	98.0%
Sector: Y--Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries					
1	652	107	16.4%	545	83.6%
2	2,406	70	2.9%	2,336	97.1%
Sector: Z--Leather Tanning and Finishing					
N/A	52	5	9.6%	47	90.4%
Sector: AA--Fabricated Metal Products					
1	3,852	312	8.1%	3,540	91.9%
2	460	50	10.9%	410	89.1%
Sector: AB--Transportation Equipment, Industrial, and Commercial Machinery					
N/A	3,271	257	7.9%	3,014	92.1%
Sector: AC--Electronic, Electrical, Photographic, and Optical Goods					
N/A	3,007	188	6.3%	2,819	93.7%
Sector: Other--Other					
N/A	1,670	192	11.5%	1,478	88.5%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: A--Timber Products						
1--General Sawmills and Planning Mills	2421	253	12	4.7%	241	95.3%
	Subsector Total	253	12	4.7%	241	95.3%
2--Wood Preserving	2491	349	106	30.4%	243	69.6%
	Subsector Total	349	106	30.4%	243	69.6%
3--Log Storage and Handling	2411	22	1	4.5%	21	95.5%
	Subsector Total	22	1	4.5%	21	95.5%
4--Hardwood Dimension and Flooring Mills	2426	29	0	0.0%	29	100.0%
4--Special Product Sawmills, Not Elsewhere Classified	2429	5	0	0.0%	5	100.0%
4--Millwork, Veneer, Plywood, and Structural Wood	2431	58	0	0.0%	58	100.0%
	2435	28	1	3.6%	27	96.4%
	2436	70	5	7.1%	65	92.9%
	2439	19	0	0.0%	19	100.0%
	2448	2	0	0.0%	2	100.0%
	2449	2	0	0.0%	2	100.0%
	2451	211	0	0.0%	211	100.0%
	2452	17	0	0.0%	17	100.0%
	2493	122	7	5.7%	115	94.3%
	2499	65	4	6.2%	61	93.8%
	Subsector Total	628	17	2.7%	611	97.3%
	Sector Total	1,252	136	10.9%	1,116	89.1%
Sector: B--Paper and Allied Products						
1--Pulp Mills	2611	114	6	5.3%	108	94.7%
	Subsector Total	114	6	5.3%	108	94.7%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
2--Paper Mills	2621	194	9	4.6%	185	95.4%
	Subsector Total	194	9	4.6%	185	95.4%
3--Paperboard Mills	2631	128	7	5.5%	121	94.5%
	Subsector Total	128	7	5.5%	121	94.5%
4--Paperboard Containers and Boxes	2652	1	0	0.0%	1	100.0%
	2653	37	0	0.0%	37	100.0%
	2655	4	0	0.0%	4	100.0%
	2656	7	0	0.0%	7	100.0%
	2657	15	0	0.0%	15	100.0%
	Subsector Total	64	0	0.0%	64	100.0%
5--Converted Paper and Paperboard Products, Except Containers and Boxes	2671	65	0	0.0%	65	100.0%
	2672	114	3	2.6%	111	97.4%
	2673	10	0	0.0%	10	100.0%
	2674	3	0	0.0%	3	100.0%
	2675	2	0	0.0%	2	100.0%
	2676	7	0	0.0%	7	100.0%
	2677	1	0	0.0%	1	100.0%
	2679	16	1	6.2%	15	93.8%
	Subsector Total	218	4	1.8%	214	98.2%
Sector Total	718	26	3.6%	692	96.4%	
Sector: C--Chemical and Allied Products						
1--Industrial Inorganic Chemicals	2812	77	13	16.9%	64	83.1%
	2813	118	2	1.7%	116	98.3%
	2816	66	14	21.2%	52	78.8%
	2819	530	75	14.2%	455	85.8%
	Subsector Total	791	104	13.1%	687	86.9%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
2--Plastics Materials and Synthetic Resins, Synthetic Rubber, Cellulosic and Other Manmade Fibers, Except Glass	2821	583	55	9.4%	528	90.6%
	2822	51	4	7.8%	47	92.2%
	2823	9	1	11.1%	8	88.9%
	2824	46	1	2.2%	45	97.8%
Subsector Total		689	61	8.9%	628	91.1%
3--Medicinal Chemicals and Botanical Products; Pharmaceutical Preparations; In vitro and In vivo Diagnostic Substances; Biological Products, Except Diagnostic Substances	2833	78	6	7.7%	72	92.3%
	2834	175	8	4.6%	167	95.4%
	2835	25	0	0.0%	25	100.0%
	2836	25	1	4.0%	24	96.0%
Subsector Total		303	15	5.0%	288	95.0%
4--Soaps, Detergents, and Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations	2841	200	1	0.5%	199	99.5%
	2842	198	1	0.5%	197	99.5%
	2843	97	6	6.2%	91	93.8%
	2844	62	1	1.6%	61	98.4%
Subsector Total		557	9	1.6%	548	98.4%
5--Paints, Varnishes, Lacquers, Enamels, and Allied Products	2851	657	19	2.9%	638	97.1%
	Subsector Total		657	19	2.9%	638
6--Industrial Organic Chemicals	2861	37	1	2.7%	36	97.3%
	2865	145	16	11.0%	129	89.0%
	2869	585	58	9.9%	527	90.1%
	Subsector Total		767	75	9.8%	692

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
7--Agricultural Chemicals, Including Facilities That Make Fertilizer Solely from Leather Scraps and Leather Dust	2873	76	33	43.4%	43	56.6%
	2874	40	13	32.5%	27	67.5%
	2875	85	12	14.1%	73	85.9%
	2879	148	19	12.8%	129	87.2%
	Subsector Total	349	77	22.1%	272	77.9%
8--Miscellaneous Chemical Products	2891	242	4	1.7%	238	98.3%
	2892	49	15	30.6%	34	69.4%
	2893	140	2	1.4%	138	98.6%
	2895	22	8	36.4%	14	63.6%
	2899	473	25	5.3%	448	94.7%
Subsector Total	926	54	5.8%	872	94.2%	
9--Inks and Paints, Including China Painting Enamels, India Ink, Drawing Ink, Platinum Paints for Burnt Wood or Leather Work, Paints for China Painting, Artist's Paints, and Artist's Watercolors	3952	7	0	0.0%	7	100.0%
	Subsector Total	7	0	0.0%	7	100.0%
Sector Total	5,046	414	8.2%	4,632	91.8%	
Sector: D--Asphalt Paving and Roofing Materials Manufacturers and Lubricant Manufacturers						
1--Asphalt Paving and Roofing Materials	2951	211	3	1.4%	208	98.6%
	2952	112	5	4.5%	107	95.5%
	Subsector Total	323	8	2.5%	315	97.5%
2--Miscellaneous Products of Petroleum and Coal	2992	192	18	9.4%	174	90.6%
	2999	45	3	6.7%	42	93.3%
	Subsector Total	237	21	8.9%	216	91.1%
Sector Total	560	29	5.2%	531	94.8%	

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: E--Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing						
1--Flat Glass	3211	32	3	9.4%	29	90.6%
1--Glass and Glassware, Pressed or Blown	3221	49	0	0.0%	49	100.0%
	3229	68	14	20.6%	54	79.4%
1--Glass Products Made of Purchased Glass	3231	113	1	0.9%	112	99.1%
1--Cut Stone and Stone Products	3281	25	0	0.0%	25	100.0%
1--Abrasive and Asbestos Products	3291	44	2	4.5%	42	95.5%
	3292	3	1	33.3%	2	66.7%
1--Mineral Wool	3296	66	9	13.6%	57	86.4%
1--Nonmetallic Mineral Products, Not Elsewhere Classified	3299	37	1	2.7%	36	97.3%
	Subsector Total	437	31	7.1%	406	92.9%
2--Hydraulic Cement	3241	117	11	9.4%	106	90.6%
	Subsector Total	117	11	9.4%	106	90.6%
3--Structural Clay Products	3251	139	3	2.2%	136	97.8%
	3253	28	2	7.1%	26	92.9%
	3255	26	2	7.7%	24	92.3%
	3259	5	1	20.0%	4	80.0%
3--Pottery and Related Products	3261	12	1	8.3%	11	91.7%
	3262	8	1	12.5%	7	87.5%
	3263	7	0	0.0%	7	100.0%
	3264	20	2	10.0%	18	90.0%
	3269	16	0	0.0%	16	100.0%
3--Non-Clay Refractories	3297	42	3	7.1%	39	92.9%
	Subsector Total	303	15	5.0%	288	95.0%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
4--Concrete, Gypsum, and Plaster Products	3271	49	0	0.0%	49	100.0%
	3272	81	3	3.7%	78	96.3%
	3273	197	3	1.5%	194	98.5%
	3274	56	2	3.6%	54	96.4%
	3275	58	21	36.2%	37	63.8%
4--Minerals and Earths, Ground or Otherwise Treated	3295	92	7	7.6%	85	92.4%
	Subsector Total	533	36	6.8%	497	93.2%
Sector Total		1,390	93	6.7%	1,297	93.3%
Sector: F--Primary Metals						
1--Steel Works, Blast Furnaces, and Rolling and Finishing Mills	3312	195	84	43.1%	111	56.9%
	3313	27	6	22.2%	21	77.8%
	3315	124	22	17.7%	102	82.3%
	3316	86	14	16.3%	72	83.7%
	3317	103	18	17.5%	85	82.5%
Subsector Total		535	144	26.9%	391	73.1%
2--Iron and Steel Foundries	3321	297	71	23.9%	226	76.1%
	3322	10	4	40.0%	6	60.0%
	3324	67	10	14.9%	57	85.1%
	3325	129	24	18.6%	105	81.4%
Subsector Total		503	109	21.7%	394	78.3%
3--Primary Smelting and Refining of Nonferrous Metals	3331	10	2	20.0%	8	80.0%
	3332	1	0	0.0%	1	100.0%
	3334	26	9	34.6%	17	65.4%
	3339	42	6	14.3%	36	85.7%
Subsector Total		79	17	21.5%	62	78.5%
4--Secondary Smelting and Refining of Nonferrous Metals	3341	247	72	29.1%	175	70.9%
	Subsector Total	247	72	29.1%	175	70.9%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
5--Rolling, Drawing, and Extruding of Nonferrous Metals	3351	107	37	34.6%	70	65.4%
	3353	38	10	26.3%	28	73.7%
	3354	117	20	17.1%	97	82.9%
	3355	10	1	10.0%	9	90.0%
	3356	78	17	21.8%	61	78.2%
	3357	214	62	29.0%	152	71.0%
	Subsector Total	564	147	26.1%	417	73.9%
6--Nonferrous Foundries (Castings)	3363	170	16	9.4%	154	90.6%
	3364	35	0	0.0%	35	100.0%
	3365	134	14	10.4%	120	89.6%
	3366	102	25	24.5%	77	75.5%
	3369	87	20	23.0%	67	77.0%
	Subsector Total	528	75	14.2%	453	85.8%
7--Miscellaneous Primary Metal Products	3398	161	2	1.2%	159	98.8%
	3399	153	26	17.0%	127	83.0%
	Subsector Total	314	28	8.9%	286	91.1%
	Sector Total	2,770	592	21.4%	2,178	78.6%
Sector: G--Metal Mining (Ore Mining and Dressing)						
2--Copper Ores	1021	29	8	27.6%	21	72.4%
	Subsector Total	29	8	27.6%	21	72.4%
3--Lead and Zinc Ores	1031	27	8	29.6%	19	70.4%
	Subsector Total	27	8	29.6%	19	70.4%
4--Gold and Silver Ores	1041	50	5	10.0%	45	90.0%
	1044	5	0	0.0%	5	100.0%
	Subsector Total	55	5	9.1%	50	90.9%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
5--Ferroalloy Ores, Except Vanadium	1061	7	1	14.3%	6	85.7%
	Subsector Total	7	1	14.3%	6	85.7%
7--Miscellaneous Metal Ores	1099	7	0	0.0%	7	100.0%
	Subsector Total	7	0	0.0%	7	100.0%
Sector Total		125	22	17.6%	103	82.4%
Sector: H--Coal Mines and Coal Mining-Related Facilities						
N/A--Coal Mines and Coal Mining-Related Facilities Sectors	1221	89	15	16.9%	74	83.1%
	1222	41	4	9.8%	37	90.2%
	1241	3	0	0.0%	3	100.0%
Subsector Total		133	19	14.3%	114	85.7%
Sector Total		133	19	14.3%	114	85.7%
Sector: I--Oil and Gas Extraction and Refining						
1--Crude Petroleum and Natural Gas	1311	1	0	0.0%	1	100.0%
	Subsector Total	1	0	0.0%	1	100.0%
2--Natural Gas Liquids	1321	1	0	0.0%	1	100.0%
	Subsector Total	1	0	0.0%	1	100.0%
4--Petroleum Refineries	2911	199	48	24.1%	151	75.9%
	Subsector Total	199	48	24.1%	151	75.9%
Sector Total		201	48	23.9%	153	76.1%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: J--Mineral Mining and Dressing						
1--Crushed and Broken Stone, Including Rip Rap	1422	10	0	0.0%	10	100.0%
	1423	1	0	0.0%	1	100.0%
	1429	1	0	0.0%	1	100.0%
	Subsector Total	12	0	0.0%	12	100.0%
2--Sand and Gravel	1442	1	0	0.0%	1	100.0%
	Subsector Total	1	0	0.0%	1	100.0%
3--Clay, Ceramic, and Refractory Materials	1459	2	0	0.0%	2	100.0%
	Subsector Total	2	0	0.0%	2	100.0%
4--Chemical and Fertilizer Mineral Mining	1474	1	0	0.0%	1	100.0%
	Subsector Total	1	0	0.0%	1	100.0%
	Sector Total	16	0	0.0%	16	100.0%
Sector: L--Refuse Systems						
N/A--Refuse Systems	4953	139	24	17.3%	115	82.7%
	Subsector Total	139	24	17.3%	115	82.7%
	Sector Total	139	24	17.3%	115	82.7%
Sector: N--Scrap Recycling Facilities						
N/A--Scrap Recycling Facilities	5093	7	2	28.6%	5	71.4%
	Subsector Total	7	2	28.6%	5	71.4%
	Sector Total	7	2	28.6%	5	71.4%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: P--Land Transportation						
3--Motor Freight Transportation and Warehousing						
	4212	4	0	0.0%	4	100.0%
	4214	1	0	0.0%	1	100.0%
	4222	14	0	0.0%	14	100.0%
	4225	4	0	0.0%	4	100.0%
	4226	4	0	0.0%	4	100.0%
	Subsector Total	27	0	0.0%	27	100.0%
5--Petroleum Bulk Stations and Terminals						
	5171	719	202	28.1%	517	71.9%
	Subsector Total	719	202	28.1%	517	71.9%
	Sector Total	746	202	27.1%	544	72.9%
Sector: Q--Water Transportation						
N/A--Water Transportation						
	4463	1	0	0.0%	1	100.0%
	4491	2	0	0.0%	2	100.0%
	Subsector Total	3	0	0.0%	3	100.0%
	Sector Total	3	0	0.0%	3	100.0%
Sector: R--Ship and Boat Building and Repairing Yards						
N/A--Ship and Boat Building and Repairing Yards						
	3731	68	26	38.2%	42	61.8%
	3732	232	3	1.3%	229	98.7%
	Subsector Total	300	29	9.7%	271	90.3%
	Sector Total	300	29	9.7%	271	90.3%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002		Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
		Number	Percentage	Number	Percentage	Number	Percentage
Sector: S--Air Transportation Facilities							
N/A--Air Transportation Facilities	4512	1	0.0%	0	0.0%	1	100.0%
	4581	15	0.0%	0	0.0%	15	100.0%
	Subsector Total	16	0.0%	0	0.0%	16	100.0%
	Sector Total	16	0.0%	0	0.0%	16	100.0%
Sector: U--Food and Kindred Products							
1--Meat Products							
	2011	111	8.1%	9	8.1%	102	91.9%
	2013	89	2.2%	2	2.2%	87	97.8%
	2015	204	13.7%	28	13.7%	176	86.3%
	Subsector Total	404	9.7%	39	9.7%	365	90.3%
2--Dairy Products							
	2021	26	0.0%	0	0.0%	26	100.0%
	2022	175	0.6%	1	0.6%	174	99.4%
	2023	68	0.0%	0	0.0%	68	100.0%
	2024	57	3.5%	2	3.5%	55	96.5%
	2026	150	0.7%	1	0.7%	149	99.3%
	Subsector Total	476	0.8%	4	0.8%	472	99.2%
3--Canned, Frozen and Preserved Fruits, Vegetables and Food Specialties							
	2032	18	5.6%	1	5.6%	17	94.4%
	2033	38	0.0%	0	0.0%	38	100.0%
	2034	14	0.0%	0	0.0%	14	100.0%
	2035	14	0.0%	0	0.0%	14	100.0%
	2037	78	0.0%	0	0.0%	78	100.0%
	2038	35	2.9%	1	2.9%	34	97.1%
	Subsector Total	197	1.0%	2	1.0%	195	99.0%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
4--Grain Mill Products	2041	70	0	0.0%	70	100.0%
	2043	10	1	10.0%	9	90.0%
	2044	5	0	0.0%	5	100.0%
	2045	7	0	0.0%	7	100.0%
	2046	39	6	15.4%	33	84.6%
	2047	29	0	0.0%	29	100.0%
	2048	533	3	0.6%	530	99.4%
	Subsector Total	693	10	1.4%	683	98.6%
5--Bakery Products	2051	14	0	0.0%	14	100.0%
	2052	23	0	0.0%	23	100.0%
	2053	13	0	0.0%	13	100.0%
	Subsector Total	50	0	0.0%	50	100.0%
6--Sugar and Confectionery Products	2061	8	0	0.0%	8	100.0%
	2062	10	0	0.0%	10	100.0%
	2063	30	0	0.0%	30	100.0%
	2064	10	0	0.0%	10	100.0%
	2066	7	0	0.0%	7	100.0%
	2067	1	0	0.0%	1	100.0%
	2068	1	0	0.0%	1	100.0%
	Subsector Total	67	0	0.0%	67	100.0%
7--Fats and Oils	2074	22	0	0.0%	22	100.0%
	2075	78	2	2.6%	76	97.4%
	2076	10	0	0.0%	10	100.0%
	2077	38	4	10.5%	34	89.5%
	2079	32	1	3.1%	31	96.9%
	Subsector Total	180	7	3.9%	173	96.1%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
8--Beverages	2082	29	0	0.0%	29	100.0%
	2083	2	0	0.0%	2	100.0%
	2084	25	0	0.0%	25	100.0%
	2085	8	0	0.0%	8	100.0%
	2086	50	0	0.0%	50	100.0%
	2087	20	0	0.0%	20	100.0%
	Subsector Total		134	0	0.0%	134
9--Miscellaneous Food Preparations and Kindred Products	2091	11	0	0.0%	11	100.0%
	2092	17	0	0.0%	17	100.0%
	2095	2	0	0.0%	2	100.0%
	2096	23	0	0.0%	23	100.0%
	2097	17	0	0.0%	17	100.0%
	2098	4	0	0.0%	4	100.0%
	2099	88	6	6.8%	82	93.2%
	2111	16	0	0.0%	16	100.0%
	2121	1	0	0.0%	1	100.0%
	2131	7	0	0.0%	7	100.0%
2141	17	1	5.9%	16	94.1%	
Subsector Total		203	7	3.4%	196	96.6%
9--Tobacco Products						
Sector Total		2,404	69	2.9%	2,335	97.1%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: V--Textile Mills, Apparel, and Other Fabric Product Manufacturing						
1--Textile Mill Products						
	2211	35	0	0.0%	35	100.0%
	2221	40	0	0.0%	40	100.0%
	2231	18	0	0.0%	18	100.0%
	2241	9	0	0.0%	9	100.0%
	2252	3	0	0.0%	3	100.0%
	2253	8	0	0.0%	8	100.0%
	2254	2	0	0.0%	2	100.0%
	2257	2	0	0.0%	2	100.0%
	2258	9	0	0.0%	9	100.0%
	2259	5	0	0.0%	5	100.0%
	2261	34	1	2.9%	33	97.1%
	2262	30	0	0.0%	30	100.0%
	2269	29	0	0.0%	29	100.0%
	2273	56	2	3.6%	54	96.4%
	2281	14	0	0.0%	14	100.0%
	2282	6	0	0.0%	6	100.0%
	2284	7	0	0.0%	7	100.0%
	2295	77	3	3.9%	74	96.1%
	2296	21	2	9.5%	19	90.5%
	2297	33	2	6.1%	31	93.9%
	2298	6	0	0.0%	6	100.0%
	2299	18	0	0.0%	18	100.0%
	Subsector Total	462	10	2.2%	452	97.8%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
2--Apparel and Other Finished Products Made from Fabrics and Similar Materials	2322	1	0	0.0%	1	100.0%
	2325	1	0	0.0%	1	100.0%
	2329	1	0	0.0%	1	100.0%
	2353	2	0	0.0%	2	100.0%
	2381	1	0	0.0%	1	100.0%
	2389	1	0	0.0%	1	100.0%
	2392	2	0	0.0%	2	100.0%
	2393	3	0	0.0%	3	100.0%
	2394	1	0	0.0%	1	100.0%
	2396	13	0	0.0%	13	100.0%
	2399	9	0	0.0%	9	100.0%
	3131	2	0	0.0%	2	100.0%
	3143	16	0	0.0%	16	100.0%
	3144	1	0	0.0%	1	100.0%
	3149	11	0	0.0%	11	100.0%
	3171	1	0	0.0%	1	100.0%
	Subsector Total		66	0	0.0%	66
Sector Total		528	10	1.9%	518	98.1%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: W--Furniture and Fixtures						
N/A--Wood Kitchen Cabinets	2434	138	0	0.0%	138	100.0%
N/A--Furniture and Fixtures	2511	198	0	0.0%	198	100.0%
	2512	21	0	0.0%	21	100.0%
	2514	15	1	6.7%	14	93.3%
	2515	4	0	0.0%	4	100.0%
	2517	6	0	0.0%	6	100.0%
	2519	6	0	0.0%	6	100.0%
	2521	39	0	0.0%	39	100.0%
	2522	50	1	2.0%	49	98.0%
	2531	44	4	9.1%	40	90.9%
	2541	31	0	0.0%	31	100.0%
	2542	41	1	2.4%	40	97.6%
	2591	12	0	0.0%	12	100.0%
	2599	25	0	0.0%	25	100.0%
	Subsector Total	630	7	1.1%	623	98.9%
	Sector Total	630	7	1.1%	623	98.9%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: X--Printing and Publishing						
N/A--Printing, Publishing and Allied Industries						
	2711	3	0	0.0%	3	100.0%
	2721	4	0	0.0%	4	100.0%
	2731	4	0	0.0%	4	100.0%
	2732	7	0	0.0%	7	100.0%
	2741	4	1	25.0%	3	75.0%
	2752	133	1	0.8%	132	99.2%
	2753	1	0	0.0%	1	100.0%
	2754	87	3	3.4%	84	96.6%
	2759	46	1	2.2%	45	97.8%
	2761	3	0	0.0%	3	100.0%
	2771	6	0	0.0%	6	100.0%
	2782	5	0	0.0%	5	100.0%
	2789	1	0	0.0%	1	100.0%
	2791	1	1	100.0%	0	0.0%
	2796	46	0	0.0%	46	100.0%
	Subsector Total	351	7	2.0%	344	98.0%
Sector Total						
		351	7	2.0%	344	98.0%
Sector: Y--Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries						
	3011	89	34	38.2%	55	61.8%
	3021	8	0	0.0%	8	100.0%
	3050	1	1	100.0%	0	0.0%
	3052	81	18	22.2%	63	77.8%
	3053	76	5	6.6%	71	93.4%
	3061	86	14	16.3%	72	83.7%
	3069	311	35	11.3%	276	88.7%
	Subsector Total	652	107	16.4%	545	83.6%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
2--Miscellaneous Plastics Products	3081	117	9	7.7%	108	92.3%
	3082	57	1	1.8%	56	98.2%
	3083	95	1	1.1%	94	98.9%
	3084	30	1	3.3%	29	96.7%
	3085	12	0	0.0%	12	100.0%
	3086	279	0	0.0%	279	100.0%
	3087	259	24	9.3%	235	90.7%
	3088	215	3	1.4%	212	98.6%
	3089	922	15	1.6%	907	98.4%
	3931	23	0	0.0%	23	100.0%
	3944	10	0	0.0%	10	100.0%
	3949	79	7	8.9%	72	91.1%
	3951	15	0	0.0%	15	100.0%
	3953	8	0	0.0%	8	100.0%
	3955	6	1	16.7%	5	83.3%
2--Musical Instruments	3961	11	0	0.0%	11	100.0%
	3965	14	0	0.0%	14	100.0%
2--Dolls, Toys, Games and Sporting and Athletic Goods	3991	4	0	0.0%	4	100.0%
	3993	25	0	0.0%	25	100.0%
2--Pens, Pencils, and Other Artists' Materials	3995	27	4	14.8%	23	85.2%
	3996	13	1	7.7%	12	92.3%
	3999	185	3	1.6%	182	98.4%
Subsector Total		2,406	70	2.9%	2,336	97.1%
Sector Total		3,058	177	5.8%	2,881	94.2%
Sector: Z--Leather Tanning and Finishing						
N/A--Leather Tanning and Finishing		3111	5	9.6%	47	90.4%
Subsector Total		52	5	9.6%	47	90.4%
Sector Total		52	5	9.6%	47	90.4%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: AA--Fabricated Metal Products						
1--Fabricated Metal Products, Except Machinery and Transportation Equipment and Coating, Engraving, and Allied Services						
	3411	162	2	1.2%	160	98.8%
	3412	47	0	0.0%	47	100.0%
	3421	21	1	4.8%	20	95.2%
	3423	56	7	12.5%	49	87.5%
	3425	13	0	0.0%	13	100.0%
	3429	94	16	17.0%	78	83.0%
	3430	1	0	0.0%	1	100.0%
	3431	14	1	7.1%	13	92.9%
	3432	47	14	29.8%	33	70.2%
	3433	31	2	6.5%	29	93.5%
	3440	1	0	0.0%	1	100.0%
	3441	251	23	9.2%	228	90.8%
	3442	81	2	2.5%	79	97.5%
	3443	186	25	13.4%	161	86.6%
	3444	118	2	1.7%	116	98.3%
	3446	29	3	10.3%	26	89.7%
	3448	56	2	3.6%	54	96.4%
	3449	56	7	12.5%	49	87.5%
	3451	125	6	4.8%	119	95.2%
	3452	109	6	5.5%	103	94.5%
	3460	2	0	0.0%	2	100.0%
	3462	124	18	14.5%	106	85.5%
	3463	24	4	16.7%	20	83.3%
	3465	79	5	6.3%	74	93.7%
	3466	8	0	0.0%	8	100.0%
	3468	11	0	0.0%	11	100.0%
	3469	224	10	4.5%	214	95.5%
	3470	4	0	0.0%	4	100.0%
	3471	837	56	6.7%	781	93.3%
	3482	30	7	23.3%	23	76.7%
	3483	12	1	8.3%	11	91.7%
	3484	20	3	15.0%	17	85.0%
	3489	13	0	0.0%	13	100.0%
	3490	5	0	0.0%	5	100.0%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported		
			Number	Percentage	Number	Percentage	
1--Fabricated Metal Products, Except Machinery and Transportation Equipment and Coating, Engraving, and Allied Services	3491	60	6	10.0%	54	90.0%	
	3492	38	1	2.6%	37	97.4%	
	3493	12	1	8.3%	11	91.7%	
	3494	92	11	12.0%	81	88.0%	
	3495	10	0	0.0%	10	100.0%	
	3496	111	13	11.7%	98	88.3%	
	3497	17	3	17.6%	14	82.4%	
	3498	77	24	31.2%	53	68.8%	
	3499	502	29	5.8%	473	94.2%	
	3911	23	0	0.0%	23	100.0%	
	3914	12	1	8.3%	11	91.7%	
	3915	7	0	0.0%	7	100.0%	
	Subsector Total	3,852	312	8.1%	3,540	91.9%	
	2--Coating, Engraving, and Allied Services	3479	460	50	10.9%	410	89.1%
		Subsector Total	460	50	10.9%	410	89.1%
Sector Total		4,312	362	8.4%	3,950	91.6%	

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: AB--Transportation Equipment, Industrial, and Commercial Machinery						
N/A--Industrial and Commercial Machinery (except Computer and Office Equipment - See Sector AC)	3511	30	6	20.0%	24	80.0%
	3519	55	5	9.1%	50	90.9%
	3523	100	6	6.0%	94	94.0%
	3524	24	1	4.2%	23	95.8%
	3531	98	4	4.1%	94	95.9%
	3532	28	3	10.7%	25	89.3%
	3533	62	13	21.0%	49	79.0%
	3534	14	1	7.1%	13	92.9%
	3535	31	1	3.2%	30	96.8%
	3536	15	0	0.0%	15	100.0%
	3537	37	3	8.1%	34	91.9%
	3540	1	0	0.0%	1	100.0%
	3541	33	3	9.1%	30	90.9%
	3542	12	0	0.0%	12	100.0%
	3543	6	0	0.0%	6	100.0%
	3544	41	2	4.9%	39	95.1%
	3545	40	0	0.0%	40	100.0%
	3546	20	4	20.0%	16	80.0%
	3547	13	1	7.7%	12	92.3%
	3548	28	5	17.9%	23	82.1%
	3549	7	0	0.0%	7	100.0%
	3550	1	0	0.0%	1	100.0%
	3552	3	0	0.0%	3	100.0%
	3553	3	1	33.3%	2	66.7%
	3554	19	1	5.3%	18	94.7%
	3555	12	0	0.0%	12	100.0%
	3556	28	2	7.1%	26	92.9%
	3559	49	4	8.2%	45	91.8%
	3561	86	10	11.6%	76	88.4%
	3562	85	7	8.2%	78	91.8%
	3563	24	1	4.2%	23	95.8%
	3564	28	1	3.6%	27	96.4%
	3565	7	0	0.0%	7	100.0%
	3566	25	1	4.0%	24	96.0%

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported		
			Number	Percentage	Number	Percentage	
N/A--Industrial and Commercial Machinery (except Computer and Office Equipment - See Sector AC)	3567	17	0	0.0%	17	100.0%	
	3568	37	1	2.7%	36	97.3%	
	3569	54	1	1.9%	53	98.1%	
	3581	10	0	0.0%	10	100.0%	
	3582	3	0	0.0%	3	100.0%	
	3585	236	16	6.8%	220	93.2%	
	3586	3	0	0.0%	3	100.0%	
	3589	46	1	2.2%	45	97.8%	
	3592	28	4	14.3%	24	85.7%	
	3593	26	0	0.0%	26	100.0%	
	3594	21	2	9.5%	19	90.5%	
	3596	6	0	0.0%	6	100.0%	
	3599	76	1	1.3%	75	98.7%	
	3711	106	14	13.2%	92	86.8%	
	N/A--Transportation Equipment (except Ship and Boat Building and Repairing - see Sector R)	3713	108	1	0.9%	107	99.1%
		3714	801	71	8.9%	730	91.1%
		3715	73	2	2.7%	71	97.3%
		3716	28	0	0.0%	28	100.0%
		3721	51	5	9.8%	46	90.2%
		3724	106	21	19.8%	85	80.2%
3728		138	10	7.2%	128	92.8%	
3743		59	11	18.6%	48	81.4%	
3751		15	0	0.0%	15	100.0%	
3761		14	4	28.6%	10	71.4%	
3764		10	0	0.0%	10	100.0%	
3769		5	1	20.0%	4	80.0%	
3792		66	3	4.5%	63	95.5%	
3795		10	0	0.0%	10	100.0%	
3799	53	2	3.8%	51	96.2%		
	Subsector Total	3,271	257	7.9%	3,014	92.1%	
	Sector Total	3,271	257	7.9%	3,014	92.1%	

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002		Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
		Number	Percentage	Number	Percentage	Number	Percentage
Sector: AC--Electronic, Electrical, Photographic, and Optical Goods							
N/A--Computer and Office Equipment							
	3571	28	1	3.6%	27	96.4%	
	3572	6	0	0.0%	6	100.0%	
	3577	41	1	2.4%	40	97.6%	
	3578	1	0	0.0%	1	100.0%	
	3579	9	0	0.0%	9	100.0%	
	3612	59	4	6.8%	55	93.2%	
N/A--Electronic, Electrical Equipment and Components, Except Computer Equipment							
	3613	85	9	10.6%	76	89.4%	
	3621	115	13	11.3%	102	88.7%	
	3622	1	0	0.0%	1	100.0%	
	3624	43	6	14.0%	37	86.0%	
	3625	61	4	6.6%	57	93.4%	
	3629	48	2	4.2%	46	95.8%	
	3631	13	2	15.4%	11	84.6%	
	3632	20	1	5.0%	19	95.0%	
	3633	12	1	8.3%	11	91.7%	
	3634	15	0	0.0%	15	100.0%	
	3635	4	0	0.0%	4	100.0%	
	3639	20	2	10.0%	18	90.0%	
	3641	35	4	11.4%	31	88.6%	
	3643	85	7	8.2%	78	91.8%	
	3644	44	2	4.5%	42	95.5%	
	3645	21	0	0.0%	21	100.0%	
	3646	26	2	7.7%	24	92.3%	
	3647	19	0	0.0%	19	100.0%	
	3648	22	0	0.0%	22	100.0%	
	3651	25	0	0.0%	25	100.0%	
	3652	6	0	0.0%	6	100.0%	
	3661	44	0	0.0%	44	100.0%	
	3663	43	1	2.3%	42	97.7%	
	3669	74	0	0.0%	74	100.0%	
	3670	2	0	0.0%	2	100.0%	
	3671	24	4	16.7%	20	83.3%	
	3672	471	29	6.2%	442	93.8%	
	3674	214	5	2.3%	209	97.7%	

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported		
			Number	Percentage	Number	Percentage	
N/A--Electronic, Electrical Equipment and Components, Except Computer Equipment	3675	43	5	11.6%	38	88.4%	
	3676	17	0	0.0%	17	100.0%	
	3677	30	1	3.3%	29	96.7%	
	3678	57	3	5.3%	54	94.7%	
	3679	363	9	2.5%	354	97.5%	
	3691	88	40	45.5%	48	54.5%	
	3692	21	4	19.0%	17	81.0%	
	3694	42	3	7.1%	39	92.9%	
	3695	17	5	29.4%	12	70.6%	
	3699	60	6	10.0%	54	90.0%	
	3812	58	0	0.0%	58	100.0%	
	N/A--Measuring, Analyzing and Controlling Instruments; Photographic and Optical Goods, Watches and Clocks	3821	17	0	0.0%	17	100.0%
		3822	26	3	11.5%	23	88.5%
		3823	55	2	3.6%	53	96.4%
		3824	18	0	0.0%	18	100.0%
		3825	22	0	0.0%	22	100.0%
		3826	21	0	0.0%	21	100.0%
		3827	19	0	0.0%	19	100.0%
		3829	33	0	0.0%	33	100.0%
3841		86	1	1.2%	85	98.8%	
3842		56	0	0.0%	56	100.0%	
3843	15	0	0.0%	15	100.0%		
3844	13	2	15.4%	11	84.6%		
3845	20	1	5.0%	19	95.0%		
3851	20	0	0.0%	20	100.0%		
3861	51	3	5.9%	48	94.1%		
3873	3	0	0.0%	3	100.0%		
Subsector Total	3,007	188	6.3%	2,819	93.7%		
Sector Total	3,007	188	6.3%	2,819	93.7%		

Attachment 3. TRI Facilities Reporting Storm Water Loading by Sector, Subsector, and SIC Code from 1999-2002.

Subsector	SIC Code	Facilities that Reported to TRI from 1999-2002	Facilities with Stormwater Loading Reported		Facilities with No Stormwater Loading Reported	
			Number	Percentage	Number	Percentage
Sector: Other--Other						
N/A--Other	4911	757	146	19.3%	611	80.7%
	4925	1	1	100.0%	0	0.0%
	4931	67	11	16.4%	56	83.6%
	4961	2	0	0.0%	2	100.0%
	5013	3	1	33.3%	2	66.7%
	5169	587	13	2.2%	574	97.8%
	8731	4	1	25.0%	3	75.0%
	8733	11	4	36.4%	7	63.6%
	8999	1	1	100.0%	0	0.0%
	9511	14	1	7.1%	13	92.9%
	9621	5	1	20.0%	4	80.0%
	9711	218	12	5.5%	206	94.5%
	Subsector Total	1,670	192	11.5%	1,478	88.5%
	Sector Total	1,670	192	11.5%	1,478	88.5%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: A--Timber Products					
ALUMINUM (FUME OR DUST)	1	0	0.0%	1	100.0%
AMMONIA	31	3	9.7%	28	90.3%
ARSENIC	28	6	21.4%	22	78.6%
ARSENIC COMPOUNDS	278	49	17.6%	229	82.4%
CHROMIUM	33	8	24.2%	25	75.8%
CHROMIUM COMPOUNDS	270	36	13.3%	234	86.7%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	254	36	14.2%	218	85.8%
COPPER	30	6	20.0%	24	80.0%
COPPER COMPOUNDS	278	46	16.5%	232	83.5%
LEAD	246	0	0.0%	246	100.0%
LEAD COMPOUNDS	259	12	4.6%	247	95.4%
MERCURY	9	0	0.0%	9	100.0%
MERCURY COMPOUNDS	4	0	0.0%	4	100.0%
NITRATE COMPOUNDS	4	0	0.0%	4	100.0%
SILVER COMPOUNDS	1	0	0.0%	1	100.0%
ZINC (FUME OR DUST)	2	0	0.0%	2	100.0%
ZINC COMPOUNDS	18	2	11.1%	16	88.9%

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: B--Paper and Allied Products					
ALUMINUM (FUME OR DUST)	2	1	50.0%	1	50.0%
ALUMINUM OXIDE (FIBROUS FORMS)	2	0	0.0%	2	100.0%
AMMONIA	200	4	2.0%	196	98.0%
ARSENIC COMPOUNDS	4	0	0.0%	4	100.0%
CHROMIUM COMPOUNDS	13	0	0.0%	13	100.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	12	0	0.0%	12	100.0%
COPPER	6	0	0.0%	6	100.0%
COPPER COMPOUNDS	31	0	0.0%	31	100.0%
LEAD	94	0	0.0%	94	100.0%
LEAD COMPOUNDS	194	6	3.1%	188	96.9%
MERCURY	41	0	0.0%	41	100.0%
MERCURY COMPOUNDS	100	0	0.0%	100	100.0%
NITRATE COMPOUNDS	130	2	1.5%	128	98.5%
ZINC (FUME OR DUST)	2	0	0.0%	2	100.0%
ZINC COMPOUNDS	135	5	3.7%	130	96.3%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: C--Chemical and Allied Products					
ALUMINIUM (FUME OR DUST)	56	3	5.4%	53	94.6%
ALUMINIUM OXIDE (FIBROUS FORMS)	22	0	0.0%	22	100.0%
ALUMINIUM PHOSPHIDE	1	0	0.0%	1	100.0%
AMMONIA	985	125	12.7%	860	87.3%
ARSENIC	7	1	14.3%	6	85.7%
ARSENIC COMPOUNDS	40	9	22.5%	31	77.5%
CADMIUM	6	0	0.0%	6	100.0%
CADMIUM COMPOUNDS	32	7	21.9%	25	78.1%
CHROMIUM	45	2	4.4%	43	95.6%
CHROMIUM COMPOUNDS	249	25	10.0%	224	90.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	231	24	10.4%	207	89.6%
COPPER	72	3	4.2%	69	95.8%
COPPER COMPOUNDS	349	43	12.3%	306	87.7%
CYANIDE COMPOUNDS	57	2	3.5%	55	96.5%
IRON PENTACARBONYL	2	0	0.0%	2	100.0%
LEAD	176	11	6.3%	165	93.8%
LEAD COMPOUNDS	500	44	8.8%	456	91.2%
MERCURY	128	16	12.5%	112	87.5%
MERCURY COMPOUNDS	147	10	6.8%	137	93.2%
NITRATE COMPOUNDS	491	77	15.7%	414	84.3%
PHOSPHORUS (YELLOW OR WHITE)	21	0	0.0%	21	100.0%
SELENIUM	6	0	0.0%	6	100.0%
SELENIUM COMPOUNDS	12	2	16.7%	10	83.3%
SILVER	18	1	5.6%	17	94.4%
SILVER COMPOUNDS	19	1	5.3%	18	94.7%
ZINC (FUME OR DUST)	81	2	2.5%	79	97.5%
ZINC COMPOUNDS	816	98	12.0%	718	88.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: D--Asphalt Paving and Roofing Materials Manufacturers and Lubricant Manufacturers					
ALUMINUM (FUME OR DUST)	1	0	0.0%	1	100.0%
AMMONIA	9	0	0.0%	9	100.0%
CADMIUM COMPOUNDS	1	0	0.0%	1	100.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	3	0	0.0%	3	100.0%
COPPER	7	0	0.0%	7	100.0%
COPPER COMPOUNDS	21	5	23.8%	16	76.2%
LEAD	43	0	0.0%	43	100.0%
LEAD COMPOUNDS	33	2	6.1%	31	93.9%
MERCURY	6	0	0.0%	6	100.0%
MERCURY COMPOUNDS	5	0	0.0%	5	100.0%
NITRATE COMPOUNDS	11	0	0.0%	11	100.0%
ZINC (FUME OR DUST)	5	0	0.0%	5	100.0%
ZINC COMPOUNDS	125	14	11.2%	111	88.8%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: E--Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing					
ALUMINUM (FUME OR DUST)	27	0	0.0%	27	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	7	0	0.0%	7	100.0%
AMMONIA	89	3	3.4%	86	96.6%
ARSENIC	2	0	0.0%	2	100.0%
ARSENIC COMPOUNDS	6	1	16.7%	5	83.3%
CADMIUM	4	0	0.0%	4	100.0%
CADMIUM COMPOUNDS	8	2	25.0%	6	75.0%
CHROMIUM	102	3	2.9%	99	97.1%
CHROMIUM COMPOUNDS	185	7	3.8%	178	96.2%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	182	11	6.0%	171	94.0%
COPPER	19	1	5.3%	18	94.7%
COPPER COMPOUNDS	34	2	5.9%	32	94.1%
CYANIDE COMPOUNDS	1	0	0.0%	1	100.0%
LEAD	385	14	3.6%	371	96.4%
LEAD COMPOUNDS	400	44	11.0%	356	89.0%
MERCURY	137	2	1.5%	135	98.5%
MERCURY COMPOUNDS	107	3	2.8%	104	97.2%
NITRATE COMPOUNDS	102	0	0.0%	102	100.0%
SELENIUM	6	1	16.7%	5	83.3%
SELENIUM COMPOUNDS	5	1	20.0%	4	80.0%
SILVER	1	0	0.0%	1	100.0%
SILVER COMPOUNDS	3	0	0.0%	3	100.0%
ZINC (FUME OR DUST)	18	1	5.6%	17	94.4%
ZINC COMPOUNDS	132	13	9.8%	119	90.2%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: F--Primary Metals					
ALUMINIUM (FUME OR DUST)	222	32	14.4%	190	85.6%
ALUMINIUM OXIDE (FIBROUS FORMS)	20	2	10.0%	18	90.0%
AMMONIA	235	19	8.1%	216	91.9%
ARSENIC	19	5	26.3%	14	73.7%
ARSENIC COMPOUNDS	27	8	29.6%	19	70.4%
CADMIUM	28	3	10.7%	25	89.3%
CADMIUM COMPOUNDS	46	9	19.6%	37	80.4%
CHROMIUM	529	69	13.0%	460	87.0%
CHROMIUM COMPOUNDS	274	62	22.6%	212	77.4%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	275	71	25.8%	204	74.2%
COPPER	1,038	231	22.3%	807	77.7%
COPPER COMPOUNDS	296	87	29.4%	209	70.6%
CYANIDE COMPOUNDS	50	9	18.0%	41	82.0%
IRON PENTACARBONYL	1	0	0.0%	1	100.0%
LEAD	805	146	18.1%	659	81.9%
LEAD COMPOUNDS	560	149	26.6%	411	73.4%
MERCURY	77	2	2.6%	75	97.4%
MERCURY COMPOUNDS	94	4	4.3%	90	95.7%
NITRATE COMPOUNDS	188	15	8.0%	173	92.0%
PHOSPHORUS (YELLOW OR WHITE)	9	2	22.2%	7	77.8%
SELENIUM	4	0	0.0%	4	100.0%
SELENIUM COMPOUNDS	16	2	12.5%	14	87.5%
SILVER	42	3	7.1%	39	92.9%
SILVER COMPOUNDS	37	3	8.1%	34	91.9%
ZINC (FUME OR DUST)	172	30	17.4%	142	82.6%
ZINC COMPOUNDS	386	138	35.8%	248	64.2%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: G--Metal Mining (Ore Mining and Dressing)					
ALUMINUM (FUME OR DUST)	3	0	0.0%	3	100.0%
AMMONIA	32	2	6.3%	30	93.8%
ARSENIC	3	0	0.0%	3	100.0%
ARSENIC COMPOUNDS	32	3	9.4%	29	90.6%
CADMIUM COMPOUNDS	22	3	13.6%	19	86.4%
CHROMIUM	28	0	0.0%	28	100.0%
CHROMIUM COMPOUNDS	18	1	5.6%	17	94.4%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	15	0	0.0%	15	100.0%
COPPER	8	0	0.0%	8	100.0%
COPPER COMPOUNDS	65	8	12.3%	57	87.7%
CYANIDE COMPOUNDS	58	1	1.7%	57	98.3%
LEAD	13	1	7.7%	12	92.3%
LEAD COMPOUNDS	82	12	14.6%	70	85.4%
MERCURY	11	0	0.0%	11	100.0%
MERCURY COMPOUNDS	54	6	11.1%	48	88.9%
NITRATE COMPOUNDS	49	3	6.1%	46	93.9%
SELENIUM COMPOUNDS	12	0	0.0%	12	100.0%
SILVER	2	0	0.0%	2	100.0%
SILVER COMPOUNDS	15	0	0.0%	15	100.0%
ZINC (FUME OR DUST)	5	0	0.0%	5	100.0%
ZINC COMPOUNDS	61	11	18.0%	50	82.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: H--Coal Mines and Coal Mining-Related Facilities					
ALUMINUM (FUME OR DUST)	2	0	0.0%	2	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	1	0	0.0%	1	100.0%
AMMONIA	34	3	8.8%	31	91.2%
ARSENIC	9	0	0.0%	9	100.0%
ARSENIC COMPOUNDS	14	2	14.3%	12	85.7%
CADMIUM	4	0	0.0%	4	100.0%
CHROMIUM	6	0	0.0%	6	100.0%
CHROMIUM COMPOUNDS	10	2	20.0%	8	80.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	13	2	15.4%	11	84.6%
COPPER	6	0	0.0%	6	100.0%
COPPER COMPOUNDS	11	2	18.2%	9	81.8%
LEAD	33	2	6.1%	31	93.9%
LEAD COMPOUNDS	50	9	18.0%	41	82.0%
MERCURY	36	2	5.6%	34	94.4%
MERCURY COMPOUNDS	53	8	15.1%	45	84.9%
NITRATE COMPOUNDS	2	0	0.0%	2	100.0%
PHOSPHORUS (YELLOW OR WHITE)	2	0	0.0%	2	100.0%
SELENIUM	3	0	0.0%	3	100.0%
SELENIUM COMPOUNDS	5	0	0.0%	5	100.0%
SILVER	3	0	0.0%	3	100.0%
ZINC (FUME OR DUST)	6	0	0.0%	6	100.0%
ZINC COMPOUNDS	16	2	12.5%	14	87.5%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: I--Oil and Gas Extraction and Refining					
ALUMINUM (FUME OR DUST)	3	0	0.0%	3	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	1	0	0.0%	1	100.0%
AMMONIA	124	18	14.5%	106	85.5%
ARSENIC	4	0	0.0%	4	100.0%
ARSENIC COMPOUNDS	1	0	0.0%	1	100.0%
CADMIUM	2	0	0.0%	2	100.0%
CADMIUM COMPOUNDS	1	0	0.0%	1	100.0%
CHROMIUM	8	0	0.0%	8	100.0%
CHROMIUM COMPOUNDS	17	3	17.6%	14	82.4%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	16	2	12.5%	14	87.5%
COPPER	6	1	16.7%	5	83.3%
COPPER COMPOUNDS	31	6	19.4%	25	80.6%
CYANIDE COMPOUNDS	8	1	12.5%	7	87.5%
LEAD	42	6	14.3%	36	85.7%
LEAD COMPOUNDS	98	9	9.2%	89	90.8%
MERCURY	50	3	6.0%	47	94.0%
MERCURY COMPOUNDS	96	8	8.3%	88	91.7%
NITRATE COMPOUNDS	74	13	17.6%	61	82.4%
PHOSPHORUS (YELLOW OR WHITE)	1	0	0.0%	1	100.0%
SELENIUM	4	0	0.0%	4	100.0%
SELENIUM COMPOUNDS	2	0	0.0%	2	100.0%
SILVER	1	0	0.0%	1	100.0%
SILVER COMPOUNDS	1	0	0.0%	1	100.0%
ZINC (FUME OR DUST)	3	1	33.3%	2	66.7%
ZINC COMPOUNDS	57	15	26.3%	42	73.7%

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: J--Mineral Mining and Dressing					
MERCURY	1	0	0.0%	1	100.0%
MERCURY COMPOUNDS	1	0	0.0%	1	100.0%
NITRATE COMPOUNDS	1	0	0.0%	1	100.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: L--Refuse Systems					
ALUMINUM (FUME OR DUST)	12	0	0.0%	12	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	15	0	0.0%	15	100.0%
ALUMINUM PHOSPHIDE	2	0	0.0%	2	100.0%
AMMONIA	19	1	5.3%	18	94.7%
ARSENIC	17	2	11.8%	15	88.2%
ARSENIC COMPOUNDS	19	1	5.3%	18	94.7%
CADMIUM	14	1	7.1%	13	92.9%
CADMIUM COMPOUNDS	21	6	28.6%	15	71.4%
CHROMIUM	19	2	10.5%	17	89.5%
CHROMIUM COMPOUNDS	38	6	15.8%	32	84.2%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	37	7	18.9%	30	81.1%
COPPER	18	4	22.2%	14	77.8%
COPPER COMPOUNDS	41	8	19.5%	33	80.5%
CYANIDE COMPOUNDS	19	0	0.0%	19	100.0%
LEAD	42	7	16.7%	35	83.3%
LEAD COMPOUNDS	71	10	14.1%	61	85.9%
MERCURY	42	2	4.8%	40	95.2%
MERCURY COMPOUNDS	49	5	10.2%	44	89.8%
NITRATE COMPOUNDS	37	6	16.2%	31	83.8%
PHOSPHORUS (YELLOW OR WHITE)	5	0	0.0%	5	100.0%
SELENIUM	8	1	12.5%	7	87.5%
SELENIUM COMPOUNDS	11	1	9.1%	10	90.9%
SILVER	11	2	18.2%	9	81.8%
SILVER COMPOUNDS	9	1	11.1%	8	88.9%
ZINC (FUME OR DUST)	12	1	8.3%	11	91.7%
ZINC COMPOUNDS	43	9	20.9%	34	79.1%

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: N--Scrap Recycling Facilities					
ARSENIC COMPOUNDS	1	0	0.0%	1	100.0%
CHROMIUM	1	1	100.0%	0	0.0%
COPPER	2	1	50.0%	1	50.0%
LEAD	2	0	0.0%	2	100.0%
LEAD COMPOUNDS	1	0	0.0%	1	100.0%
ZINC COMPOUNDS	1	1	100.0%	0	0.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: P--Land Transportation					
AMMONIA	16	0	0.0%	16	100.0%
ARSENIC	4	0	0.0%	4	100.0%
CADMIUM	4	0	0.0%	4	100.0%
CHROMIUM	4	1	25.0%	3	75.0%
COPPER	4	0	0.0%	4	100.0%
COPPER COMPOUNDS	2	1	50.0%	1	50.0%
LEAD	78	4	5.1%	74	94.9%
LEAD COMPOUNDS	223	20	9.0%	203	91.0%
MERCURY	56	8	14.3%	48	85.7%
MERCURY COMPOUNDS	40	1	2.5%	39	97.5%
NITRATE COMPOUNDS	2	0	0.0%	2	100.0%
SELENIUM	2	0	0.0%	2	100.0%
SILVER	2	0	0.0%	2	100.0%
ZINC (FUME OR DUST)	7	0	0.0%	7	100.0%
ZINC COMPOUNDS	50	8	16.0%	42	84.0%

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Q--Water Transportation					
AMMONIA	1	0	0.0%	1	100.0%
MERCURY COMPOUNDS	1	0	0.0%	1	100.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: R--Ship and Boat Building and Repairing Yards					
AMMONIA	2	0	0.0%	2	100.0%
CHROMIUM	19	7	36.8%	12	63.2%
CHROMIUM COMPOUNDS	3	3	100.0%	0	0.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	3	2	66.7%	1	33.3%
COPPER	14	6	42.9%	8	57.1%
COPPER COMPOUNDS	16	13	81.3%	3	18.8%
CYANIDE COMPOUNDS	1	0	0.0%	1	100.0%
LEAD	23	6	26.1%	17	73.9%
LEAD COMPOUNDS	8	5	62.5%	3	37.5%
MERCURY	1	0	0.0%	1	100.0%
MERCURY COMPOUNDS	1	0	0.0%	1	100.0%
ZINC (FUME OR DUST)	11	2	18.2%	9	81.8%
ZINC COMPOUNDS	18	11	61.1%	7	38.9%

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: S--Air Transportation Facilities					
AMMONIA	13	0	0.0%	13	100.0%
LEAD	1	0	0.0%	1	100.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: U--Food and Kindred Products					
ALUMINIUM (FUME OR DUST)	1	0	0.0%	1	100.0%
AMMONIA	909	43	4.7%	866	95.3%
ARSENIC	4	0	0.0%	4	100.0%
ARSENIC COMPOUNDS	26	0	0.0%	26	100.0%
CADMIUM	1	0	0.0%	1	100.0%
CHROMIUM	18	0	0.0%	18	100.0%
CHROMIUM COMPOUNDS	17	0	0.0%	17	100.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	12	0	0.0%	12	100.0%
COPPER	35	0	0.0%	35	100.0%
COPPER COMPOUNDS	416	0	0.0%	416	100.0%
LEAD	31	0	0.0%	31	100.0%
LEAD COMPOUNDS	63	0	0.0%	63	100.0%
MERCURY	23	0	0.0%	23	100.0%
MERCURY COMPOUNDS	29	0	0.0%	29	100.0%
NITRATE COMPOUNDS	495	36	7.3%	459	92.7%
PHOSPHORUS (YELLOW OR WHITE)	3	0	0.0%	3	100.0%
SELENIUM COMPOUNDS	44	0	0.0%	44	100.0%
ZINC (FUME OR DUST)	40	0	0.0%	40	100.0%
ZINC COMPOUNDS	473	1	0.2%	472	99.8%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: V--Textile Mills, Apparel, and Other Fabric Product Manufacturing					
ALUMINUM (FUME OR DUST)	1	0	0.0%	1	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	1	0	0.0%	1	100.0%
AMMONIA	42	1	2.4%	41	97.6%
ARSENIC COMPOUNDS	1	0	0.0%	1	100.0%
CADMIUM COMPOUNDS	1	0	0.0%	1	100.0%
CHROMIUM	3	0	0.0%	3	100.0%
CHROMIUM COMPOUNDS	23	0	0.0%	23	100.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSCAAL REGION)	18	0	0.0%	18	100.0%
COPPER	8	0	0.0%	8	100.0%
COPPER COMPOUNDS	21	2	9.5%	19	90.5%
CYANIDE COMPOUNDS	1	0	0.0%	1	100.0%
LEAD	13	1	7.7%	12	92.3%
LEAD COMPOUNDS	32	3	9.4%	29	90.6%
MERCURY COMPOUNDS	1	0	0.0%	1	100.0%
NITRATE COMPOUNDS	13	0	0.0%	13	100.0%
SILVER COMPOUNDS	1	0	0.0%	1	100.0%
ZINC (FUME OR DUST)	1	0	0.0%	1	100.0%
ZINC COMPOUNDS	42	5	11.9%	37	88.1%

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: W--Furniture and Fixtures					
ALUMINUM (FUME OR DUST)	2	0	0.0%	2	100.0%
AMMONIA	2	0	0.0%	2	100.0%
CADMIUM	1	0	0.0%	1	100.0%
CHROMIUM	27	3	11.1%	24	88.9%
CHROMIUM COMPOUNDS	6	0	0.0%	6	100.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSCAAL REGION)	3	0	0.0%	3	100.0%
COPPER	11	0	0.0%	11	100.0%
COPPER COMPOUNDS	1	0	0.0%	1	100.0%
CYANIDE COMPOUNDS	1	0	0.0%	1	100.0%
LEAD	81	3	3.7%	78	96.3%
LEAD COMPOUNDS	90	0	0.0%	90	100.0%
MERCURY	1	0	0.0%	1	100.0%
PHOSPHORUS (YELLOW OR WHITE)	2	0	0.0%	2	100.0%
ZINC (FUME OR DUST)	2	0	0.0%	2	100.0%
ZINC COMPOUNDS	9	0	0.0%	9	100.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: X--Printing and Publishing					
AMMONIA	14	0	0.0%	14	100.0%
CHROMIUM COMPOUNDS	1	0	0.0%	1	100.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSCVAAL REGION)	1	0	0.0%	1	100.0%
COPPER	26	1	3.8%	25	96.2%
COPPER COMPOUNDS	35	1	2.9%	34	97.1%
LEAD	28	0	0.0%	28	100.0%
LEAD COMPOUNDS	23	0	0.0%	23	100.0%
MERCURY	1	0	0.0%	1	100.0%
MERCURY COMPOUNDS	1	0	0.0%	1	100.0%
NITRATE COMPOUNDS	14	0	0.0%	14	100.0%
SILVER	1	0	0.0%	1	100.0%
SILVER COMPOUNDS	1	0	0.0%	1	100.0%
ZINC COMPOUNDS	23	2	8.7%	21	91.3%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Y--Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries					
ALUMINUM (FUME OR DUST)	17	0	0.0%	17	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	10	0	0.0%	10	100.0%
AMMONIA	39	1	2.6%	38	97.4%
ARSENIC	3	0	0.0%	3	100.0%
ARSENIC COMPOUNDS	4	0	0.0%	4	100.0%
CADMIUM	6	0	0.0%	6	100.0%
CADMIUM COMPOUNDS	21	0	0.0%	21	100.0%
CHROMIUM	53	3	5.7%	50	94.3%
CHROMIUM COMPOUNDS	99	4	4.0%	95	96.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	91	4	4.4%	87	95.6%
COPPER	99	10	10.1%	89	89.9%
COPPER COMPOUNDS	34	2	5.9%	32	94.1%
CYANIDE COMPOUNDS	6	0	0.0%	6	100.0%
LEAD	165	5	3.0%	160	97.0%
LEAD COMPOUNDS	361	27	7.5%	334	92.5%
MERCURY	15	0	0.0%	15	100.0%
MERCURY COMPOUNDS	15	1	6.7%	14	93.3%
NITRATE COMPOUNDS	47	2	4.3%	45	95.7%
PHOSPHORUS (YELLOW OR WHITE)	3	0	0.0%	3	100.0%
SELENIUM	1	0	0.0%	1	100.0%
SELENIUM COMPOUNDS	2	0	0.0%	2	100.0%
SILVER	4	0	0.0%	4	100.0%
ZINC (FUME OR DUST)	31	2	6.5%	29	93.5%
ZINC COMPOUNDS	598	126	21.1%	472	78.9%

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Z--Leather Tanning and Finishing					
AMMONIA	18	1	5.6%	17	94.4%
CHROMIUM	5	0	0.0%	5	100.0%
CHROMIUM COMPOUNDS	34	5	14.7%	29	85.3%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	28	3	10.7%	25	89.3%
COPPER COMPOUNDS	1	0	0.0%	1	100.0%
LEAD	1	0	0.0%	1	100.0%
LEAD COMPOUNDS	1	0	0.0%	1	100.0%
NITRATE COMPOUNDS	2	0	0.0%	2	100.0%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AA--Fabricated Metal Products					
ALUMINUM (FUME OR DUST)	54	1	1.9%	53	98.1%
ALUMINUM OXIDE (FIBROUS FORMS)	19	0	0.0%	19	100.0%
AMMONIA	158	3	1.9%	155	98.1%
ARSENIC	13	1	7.7%	12	92.3%
CADMIUM	25	0	0.0%	25	100.0%
CADMIUM COMPOUNDS	16	2	12.5%	14	87.5%
CHROMIUM	915	55	6.0%	860	94.0%
CHROMIUM COMPOUNDS	319	29	9.1%	290	90.9%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	303	38	12.5%	265	87.5%
COPPER	850	88	10.4%	762	89.6%
COPPER COMPOUNDS	257	49	19.1%	208	80.9%
CYANIDE COMPOUNDS	155	14	9.0%	141	91.0%
LEAD	852	82	9.6%	770	90.4%
LEAD COMPOUNDS	460	45	9.8%	415	90.2%
MERCURY	15	0	0.0%	15	100.0%
MERCURY COMPOUNDS	12	1	8.3%	11	91.7%
NITRATE COMPOUNDS	345	17	4.9%	328	95.1%
PHOSPHORUS (YELLOW OR WHITE)	28	1	3.6%	27	96.4%
SELENIUM	8	0	0.0%	8	100.0%
SILVER	29	0	0.0%	29	100.0%
SILVER COMPOUNDS	14	1	7.1%	13	92.9%
ZINC (FUME OR DUST)	148	21	14.2%	127	85.8%
ZINC COMPOUNDS	555	101	18.2%	454	81.8%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AB--Transportation Equipment, Industrial, and Commercial Machinery					
ALUMINUM (FUME OR DUST)	75	2	2.7%	73	97.3%
ALUMINUM OXIDE (FIBROUS FORMS)	20	3	15.0%	17	85.0%
AMMONIA	123	5	4.1%	118	95.9%
ARSENIC	2	0	0.0%	2	100.0%
CADMIUM	6	0	0.0%	6	100.0%
CHROMIUM	883	70	7.9%	813	92.1%
CHROMIUM COMPOUNDS	159	14	8.8%	145	91.2%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	150	13	8.7%	137	91.3%
COPPER	813	92	11.3%	721	88.7%
COPPER COMPOUNDS	114	19	16.7%	95	83.3%
CYANIDE COMPOUNDS	9	0	0.0%	9	100.0%
LEAD	694	49	7.1%	645	92.9%
LEAD COMPOUNDS	250	28	11.2%	222	88.8%
MERCURY	19	0	0.0%	19	100.0%
MERCURY COMPOUNDS	8	0	0.0%	8	100.0%
NITRATE COMPOUNDS	172	10	5.8%	162	94.2%
PHOSPHORUS (YELLOW OR WHITE)	11	0	0.0%	11	100.0%
SELENIUM	2	0	0.0%	2	100.0%
SELENIUM COMPOUNDS	1	0	0.0%	1	100.0%
SILVER	7	0	0.0%	7	100.0%
SILVER COMPOUNDS	1	1	100.0%	0	0.0%
ZINC (FUME OR DUST)	44	3	6.8%	41	93.2%
ZINC COMPOUNDS	260	49	18.8%	211	81.2%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AC--Electronic, Electrical, Photographic, and Optical Goods					
ALUMINUM (FUME OR DUST)	17	0	0.0%	17	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	5	1	20.0%	4	80.0%
AMMONIA	222	4	1.8%	218	98.2%
ARSENIC	4	0	0.0%	4	100.0%
ARSENIC COMPOUNDS	17	1	5.9%	16	94.1%
CADMIUM	7	2	28.6%	5	71.4%
CADMIUM COMPOUNDS	9	4	44.4%	5	55.6%
CHROMIUM	148	7	4.7%	141	95.3%
CHROMIUM COMPOUNDS	30	4	13.3%	26	86.7%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	24	3	12.5%	21	87.5%
COPPER	634	60	9.5%	574	90.5%
COPPER COMPOUNDS	238	31	13.0%	207	87.0%
CYANIDE COMPOUNDS	14	0	0.0%	14	100.0%
LEAD	1,190	27	2.3%	1,163	97.7%
LEAD COMPOUNDS	658	59	9.0%	599	91.0%
MERCURY	61	1	1.6%	60	98.4%
MERCURY COMPOUNDS	15	3	20.0%	12	80.0%
NITRATE COMPOUNDS	239	9	3.8%	230	96.2%
PHOSPHORUS (YELLOW OR WHITE)	1	0	0.0%	1	100.0%
SELENIUM	3	0	0.0%	3	100.0%
SELENIUM COMPOUNDS	4	0	0.0%	4	100.0%
SILVER	19	1	5.3%	18	94.7%
SILVER COMPOUNDS	12	3	25.0%	9	75.0%
ZINC (FUME OR DUST)	29	2	6.9%	27	93.1%
ZINC COMPOUNDS	107	18	16.8%	89	83.2%

Attachment 4. TRI Facilities Reporting Storm Water Loading Common MSGP
Benchmark Monitoring and Other Selected Chemicals (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Other--Other					
ALUMINUM (FUME OR DUST)	24	0	0.0%	24	100.0%
ALUMINUM OXIDE (FIBROUS FORMS)	2	0	0.0%	2	100.0%
AMMONIA	309	16	5.2%	293	94.8%
ARSENIC	9	1	11.1%	8	88.9%
ARSENIC COMPOUNDS	182	46	25.3%	136	74.7%
CADMIUM	1	0	0.0%	1	100.0%
CADMIUM COMPOUNDS	1	0	0.0%	1	100.0%
CHROMIUM	24	4	16.7%	20	83.3%
CHROMIUM COMPOUNDS	277	48	17.3%	229	82.7%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	275	54	19.6%	221	80.4%
COPPER	96	6	6.3%	90	93.8%
COPPER COMPOUNDS	320	96	30.0%	224	70.0%
CYANIDE COMPOUNDS	6	2	33.3%	4	66.7%
LEAD	188	14	7.4%	174	92.6%
LEAD COMPOUNDS	615	90	14.6%	525	85.4%
MERCURY	99	6	6.1%	93	93.9%
MERCURY COMPOUNDS	493	52	10.5%	441	89.5%
NITRATE COMPOUNDS	86	5	5.8%	81	94.2%
PHOSPHORUS (YELLOW OR WHITE)	15	0	0.0%	15	100.0%
SELENIUM	3	0	0.0%	3	100.0%
SELENIUM COMPOUNDS	70	16	22.9%	54	77.1%
SILVER COMPOUNDS	3	1	33.3%	2	66.7%
ZINC (FUME OR DUST)	19	1	5.3%	18	94.7%
ZINC COMPOUNDS	384	97	25.3%	287	74.7%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: A--Timber Products					
ACETALDEHYDE	54	2	3.7%	52	96.3%
AMMONIA	31	3	9.7%	28	90.3%
ARSENIC	28	6	21.4%	22	78.6%
ARSENIC COMPOUNDS	278	49	17.6%	229	82.4%
BENZO(G,H,I)PERYLENE	22	10	45.5%	12	54.5%
CHROMIUM	33	8	24.2%	25	75.8%
CHROMIUM COMPOUNDS	270	36	13.3%	234	86.7%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	254	36	14.2%	218	85.8%
COPPER	30	6	20.0%	24	80.0%
COPPER COMPOUNDS	278	46	16.5%	232	83.5%
CREOSOTE	67	41	61.2%	26	38.8%
DIETHANOLAMINE	6	1	16.7%	5	83.3%
DIISOCYANATES	295	0	0.0%	295	100.0%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	149	25	16.8%	124	83.2%
FORMALDEHYDE	132	9	6.8%	123	93.2%
LEAD	246	0	0.0%	246	100.0%
LEAD COMPOUNDS	259	12	4.6%	247	95.4%
MANGANESE COMPOUNDS	21	2	9.5%	19	90.5%
METHANOL	179	5	2.8%	174	97.2%
PENTACHLOROPHENOL	32	23	71.9%	9	28.1%
PHENOL	51	2	3.9%	49	96.1%
POLYCYCLIC AROMATIC COMPOUNDS	69	25	36.2%	44	63.8%
TOLUENE	64	1	1.6%	63	98.4%
ZINC COMPOUNDS	18	2	11.1%	16	88.9%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: B--Paper and Allied Products					
ACETALDEHYDE	134	1	0.7%	133	99.3%
ALUMINUM (FUME OR DUST)	2	1	50.0%	1	50.0%
AMMONIA	200	4	2.0%	196	98.0%
BARIUM COMPOUNDS	133	2	1.5%	131	98.5%
BENZO(G,H,I)PERYLENE	160	1	0.6%	159	99.4%
CATECHOL	120	0	0.0%	120	100.0%
CERTAIN GLYCOL ETHERS	58	0	0.0%	58	100.0%
CHLORINE	142	1	0.7%	141	99.3%
CHLORINE DIOXIDE	98	0	0.0%	98	100.0%
CHLOROFORM	57	1	1.8%	56	98.2%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	186	0	0.0%	186	100.0%
FORMALDEHYDE	137	3	2.2%	134	97.8%
FORMIC ACID	88	0	0.0%	88	100.0%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	150	0	0.0%	150	100.0%
LEAD	94	0	0.0%	94	100.0%
LEAD COMPOUNDS	194	6	3.1%	188	96.9%
MANGANESE COMPOUNDS	137	4	2.9%	133	97.1%
MERCURY COMPOUNDS	100	0	0.0%	100	100.0%
METHANOL	219	1	0.5%	218	99.5%
METHYL ETHYL KETONE	170	3	1.8%	167	98.2%
NICKEL COMPOUNDS	36	1	2.8%	35	97.2%
NITRATE COMPOUNDS	130	2	1.5%	128	98.5%
PHENOL	130	1	0.8%	129	99.2%
POLYCYCLIC AROMATIC COMPOUNDS	216	0	0.0%	216	100.0%
STYRENE	7	1	14.3%	6	85.7%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	133	0	0.0%	133	100.0%
TOLUENE	139	1	0.7%	138	99.3%
XYLENE (MIXED ISOMERS)	54	0	0.0%	54	100.0%
ZINC COMPOUNDS	135	5	3.7%	130	96.3%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: C--Chemical and Allied Products					
1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIAADAMANTANE CHLORIDE	16	3	18.8%	13	81.3%
1,1,1-TRICHLOROETHANE	25	1	4.0%	24	96.0%
1,1-DICHLORO-1-FLUOROETHANE	56	1	1.8%	55	98.2%
1,2,4-TRICHLOROBENZENE	20	4	20.0%	16	80.0%
1,2,4-TRIMETHYLBENZENE	442	8	1.8%	434	98.2%
1,2-DICHLOROBENZENE	30	1	3.3%	29	96.7%
1,2-DICHLOROETHANE	72	4	5.6%	68	94.4%
1,2-DICHLOROPROPANE	13	1	7.7%	12	92.3%
1,3-BUTADIENE	109	1	0.9%	108	99.1%
1,3-DICHLOROBENZENE	9	1	11.1%	8	88.9%
1,4-DICHLOROBENZENE	16	2	12.5%	14	87.5%
1,4-DIOXANE	50	2	4.0%	48	96.0%
1-CHLORO-1,1-DIFLUOROETHANE	18	1	5.6%	17	94.4%
2,4-D	33	3	9.1%	30	90.9%
2,4-D 2-ETHYLHEXYL ESTER	10	1	10.0%	9	90.0%
2,4-D BUTOXYETHYL ESTER	4	1	25.0%	3	75.0%
2,4-DIMETHYLPHENOL	11	2	18.2%	9	81.8%
2-CHLORO-1,1,1,2-TETRAFLUOROETHANE	14	1	7.1%	13	92.9%
3-iodo-2-propynyl butylcarbamate	31	2	6.5%	29	93.5%
4,4'-ISOPROPYLIDENEDIPHENOL	121	1	0.8%	120	99.2%
ACETALDEHYDE	124	0	0.0%	124	100.0%
ACETONITRILE	123	1	0.8%	122	99.2%
ACRYLAMIDE	79	0	0.0%	79	100.0%
ACRYLIC ACID	210	1	0.5%	209	99.5%
ACRYLONITRILE	108	4	3.7%	104	96.3%
ALUMINUM (FUME OR DUST)	56	3	5.4%	53	94.6%
AMETRYN	4	1	25.0%	3	75.0%
AMMONIA	985	125	12.7%	860	87.3%
ANILINE	74	1	1.4%	73	98.6%
ANTHRACENE	31	2	6.5%	29	93.5%
ANTIMONY	17	2	11.8%	15	88.2%
ANTIMONY COMPOUNDS	160	16	10.0%	144	90.0%
ARSENIC	7	1	14.3%	6	85.7%
ARSENIC COMPOUNDS	40	9	22.5%	31	77.5%
ATRAZINE	25	2	8.0%	23	92.0%
BARIUM	25	2	8.0%	23	92.0%
BARIUM COMPOUNDS	224	19	8.5%	205	91.5%
BENZENE	206	11	5.3%	195	94.7%
BENZO(G,H,I)PERYLENE	142	7	4.9%	135	95.1%
BERYLLIUM COMPOUNDS	1	1	100.0%	0	0.0%
BIPHENYL	102	2	2.0%	100	98.0%
BIS(2-CHLORO-1-METHYLETHYL) ETHER	3	1	33.3%	2	66.7%
BIS(2-CHLOROETHYL) ETHER	13	2	15.4%	11	84.6%
BIS(TRIBUTYLTIN) OXIDE	5	1	20.0%	4	80.0%
BROMINE	53	0	0.0%	53	100.0%
BUTYL ACRYLATE	162	1	0.6%	161	99.4%
BUTYRALDEHYDE	34	1	2.9%	33	97.1%
CADMIUM COMPOUNDS	32	7	21.9%	25	78.1%
CAPTAN	17	2	11.8%	15	88.2%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: C--Chemical and Allied Products					
CARBARYL	20	2	10.0%	18	90.0%
CARBOFURAN	5	1	20.0%	4	80.0%
CARBON DISULFIDE	73	1	1.4%	72	98.6%
CARBON TETRACHLORIDE	49	2	4.1%	47	95.9%
CERTAIN GLYCOL ETHERS	1,070	11	1.0%	1,059	99.0%
CHLORINE	475	8	1.7%	467	98.3%
CHLOROBENZENE	76	2	2.6%	74	97.4%
CHLORODIFLUOROMETHANE	99	1	1.0%	98	99.0%
CHLOROETHANE	62	0	0.0%	62	100.0%
CHLOROFORM	73	1	1.4%	72	98.6%
CHLOROMETHANE	82	3	3.7%	79	96.3%
CHLOROTHALONIL	28	2	7.1%	26	92.9%
CHROMIUM	45	2	4.4%	43	95.6%
CHROMIUM COMPOUNDS	249	25	10.0%	224	90.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	231	24	10.4%	207	89.6%
COBALT COMPOUNDS	153	13	8.5%	140	91.5%
COPPER	72	3	4.2%	69	95.8%
COPPER COMPOUNDS	349	43	12.3%	306	87.7%
CRESOL (MIXED ISOMERS)	63	2	3.2%	61	96.8%
CUMENE	163	4	2.5%	159	97.5%
CUMENE HYDROPEROXIDE	27	1	3.7%	26	96.3%
CYANIDE COMPOUNDS	57	2	3.5%	55	96.5%
CYCLOHEXANE	183	3	1.6%	180	98.4%
DECABROMODIPHENYL OXIDE	37	2	5.4%	35	94.6%
DI(2-ETHYLHEXYL) PHTHALATE	62	3	4.8%	59	95.2%
DIAZINON	32	2	6.3%	30	93.8%
DIBENZOFURAN	11	1	9.1%	10	90.9%
DIBUTYL PHTHALATE	92	1	1.1%	91	98.9%
DICAMBA	23	1	4.3%	22	95.7%
DICHLORODIFLUOROMETHANE	46	1	2.2%	45	97.8%
DICHLOROMETHANE	311	4	1.3%	307	98.7%
DICHLORVOS	4	1	25.0%	3	75.0%
DICYCLOPENTADIENE	86	2	2.3%	84	97.7%
DIETHANOLAMINE	226	5	2.2%	221	97.8%
DIISOCYANATES	211	1	0.5%	210	99.5%
DIMETHOATE	5	1	20.0%	4	80.0%
DIMETHYLAMINE	92	1	1.1%	91	98.9%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	157	1	0.6%	156	99.4%
DIURON	12	3	25.0%	9	75.0%
EPICHLOROHYDRIN	76	1	1.3%	75	98.7%
ETHYL ACRYLATE	101	0	0.0%	101	100.0%
ETHYL DIPROPYLTHIOCARBAMATE	7	3	42.9%	4	57.1%
ETHYLBENZENE	505	17	3.4%	488	96.6%
ETHYLENE	162	0	0.0%	162	100.0%
ETHYLENE GLYCOL	804	17	2.1%	787	97.9%
ETHYLENE OXIDE	92	0	0.0%	92	100.0%
FOLPET	9	1	11.1%	8	88.9%
FOMESAFEN	3	1	33.3%	2	66.7%
FORMALDEHYDE	413	17	4.1%	396	95.9%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: C--Chemical and Allied Products					
FORMIC ACID	164	0	0.0%	164	100.0%
HEXACHLOROBENZENE	43	2	4.7%	41	95.3%
HYDRAZINE	50	1	2.0%	49	98.0%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	400	0	0.0%	400	100.0%
HYDROGEN FLUORIDE	131	4	3.1%	127	96.9%
HYDROQUINONE	60	0	0.0%	60	100.0%
LEAD	176	11	6.3%	165	93.8%
LEAD COMPOUNDS	500	44	8.8%	456	91.2%
LINDANE	9	1	11.1%	8	88.9%
LINURON	2	1	50.0%	1	50.0%
LITHIUM CARBONATE	26	1	3.8%	25	96.2%
MALATHION	20	1	5.0%	19	95.0%
MALEIC ANHYDRIDE	228	4	1.8%	224	98.2%
MANGANESE	40	1	2.5%	39	97.5%
MANGANESE COMPOUNDS	234	30	12.8%	204	87.2%
M-CRESOL	15	2	13.3%	13	86.7%
MERCURY	128	16	12.5%	112	87.5%
MERCURY COMPOUNDS	147	10	6.8%	137	93.2%
METHAM SODIUM	12	1	8.3%	11	91.7%
METHANOL	1,187	22	1.9%	1,165	98.1%
METHYL ACRYLATE	68	0	0.0%	68	100.0%
METHYL ETHYL KETONE	550	7	1.3%	543	98.7%
METHYL ISOBUTYL KETONE	357	4	1.1%	353	98.9%
METHYL METHACRYLATE	196	1	0.5%	195	99.5%
METHYL TERT-BUTYL ETHER	74	0	0.0%	74	100.0%
METRIBUZIN	7	1	14.3%	6	85.7%
MOLYBDENUM TRIOXIDE	45	5	11.1%	40	88.9%
N,N-DIMETHYLFORMAMIDE	130	0	0.0%	130	100.0%
NAPHTHALENE	299	11	3.7%	288	96.3%
N-BUTYL ALCOHOL	468	9	1.9%	459	98.1%
N-HEXANE	361	1	0.3%	360	99.7%
NICKEL	76	10	13.2%	66	86.8%
NICKEL COMPOUNDS	210	37	17.6%	173	82.4%
NITRATE COMPOUNDS	491	77	15.7%	414	84.3%
NITRIC ACID	370	6	1.6%	364	98.4%
N-METHYL-2-PYRROLIDONE	202	4	2.0%	198	98.0%
O-CRESOL	26	1	3.8%	25	96.2%
P-CRESOL	21	3	14.3%	18	85.7%
PERMETHRIN	24	2	8.3%	22	91.7%
PHENANTHRENE	24	4	16.7%	20	83.3%
PHENOL	236	22	9.3%	214	90.7%
PHTHALIC ANHYDRIDE	165	1	0.6%	164	99.4%
PICLORAM	2	1	50.0%	1	50.0%
POLYCHLORINATED BIPHENYLS	41	1	2.4%	40	97.6%
POLYCYCLIC AROMATIC COMPOUNDS	225	12	5.3%	213	94.7%
PROPYLENE	159	0	0.0%	159	100.0%
PROPYLENE OXIDE	92	0	0.0%	92	100.0%
PYRIDINE	53	0	0.0%	53	100.0%
QUINOLINE	14	2	14.3%	12	85.7%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: C--Chemical and Allied Products					
QUINTOZENE	16	1	6.3%	15	93.8%
SEC-BUTYL ALCOHOL	94	2	2.1%	92	97.9%
SELENIUM COMPOUNDS	12	2	16.7%	10	83.3%
SILVER	18	1	5.6%	17	94.4%
SILVER COMPOUNDS	19	1	5.3%	18	94.7%
SIMAZINE	7	2	28.6%	5	71.4%
SODIUM DIMETHYLDITHIOCARBAMATE	33	1	3.0%	32	97.0%
SODIUM NITRITE	227	4	1.8%	223	98.2%
STYRENE	407	12	2.9%	395	97.1%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	265	1	0.4%	264	99.6%
TERT-BUTYL ALCOHOL	79	0	0.0%	79	100.0%
TETRACHLOROETHYLENE	104	3	2.9%	101	97.1%
TETRACHLORVINPHOS	3	1	33.3%	2	66.7%
THIODICARB	2	1	50.0%	1	50.0%
THIOUREA	14	1	7.1%	13	92.9%
TOLUENE	1,063	31	2.9%	1,032	97.1%
TOLUENE DIISOCYANATE (MIXED ISOMERS)	86	0	0.0%	86	100.0%
TRADE SECRET CHEMICAL	2	1	50.0%	1	50.0%
TRICHLOROETHYLENE	93	3	3.2%	90	96.8%
TRICHLOROFLUOROMETHANE	24	1	4.2%	23	95.8%
TRIETHYLAMINE	123	1	0.8%	122	99.2%
VANADIUM (EXCEPT WHEN CONTAINED IN AN ALLOY)	13	1	7.7%	12	92.3%
VANADIUM COMPOUNDS	74	5	6.8%	69	93.2%
VINYL ACETATE	161	1	0.6%	160	99.4%
VINYL CHLORIDE	47	1	2.1%	46	97.9%
XYLENE (MIXED ISOMERS)	1,010	24	2.4%	986	97.6%
ZINC (FUME OR DUST)	81	2	2.5%	79	97.5%
ZINC COMPOUNDS	816	98	12.0%	718	88.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: D--Asphalt Paving and Roofing Materials Manufacturers and Lubricant Manufacturers					
1,2,4-TRIMETHYLBENZENE	78	0	0.0%	78	100.0%
ANTIMONY COMPOUNDS	16	1	6.3%	15	93.8%
BARIUM COMPOUNDS	29	3	10.3%	26	89.7%
BENZO(G,H,I)PERYLENE	182	0	0.0%	182	100.0%
COPPER COMPOUNDS	21	5	23.8%	16	76.2%
ETHYLENE GLYCOL	63	1	1.6%	62	98.4%
LEAD COMPOUNDS	33	2	6.1%	31	93.9%
POLYCYCLIC AROMATIC COMPOUNDS	306	1	0.3%	305	99.7%
XYLENE (MIXED ISOMERS)	50	1	2.0%	49	98.0%
ZINC COMPOUNDS	125	14	11.2%	111	88.8%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: E--Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing					
AMMONIA	89	3	3.4%	86	96.6%
ANTIMONY COMPOUNDS	27	7	25.9%	20	74.1%
ARSENIC COMPOUNDS	6	1	16.7%	5	83.3%
ASBESTOS (FRIABLE)	3	1	33.3%	2	66.7%
BARIUM COMPOUNDS	144	7	4.9%	137	95.1%
CADMIUM COMPOUNDS	8	2	25.0%	6	75.0%
CHROMIUM	102	3	2.9%	99	97.1%
CHROMIUM COMPOUNDS	185	7	3.8%	178	96.2%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSCAAL REGION)	182	11	6.0%	171	94.0%
COBALT	8	1	12.5%	7	87.5%
COBALT COMPOUNDS	23	3	13.0%	20	87.0%
COPPER	19	1	5.3%	18	94.7%
COPPER COMPOUNDS	34	2	5.9%	32	94.1%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	127	2	1.6%	125	98.4%
ETHYLENE GLYCOL	70	0	0.0%	70	100.0%
FORMALDEHYDE	69	10	14.5%	59	85.5%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	134	1	0.7%	133	99.3%
HYDROGEN FLUORIDE	123	1	0.8%	122	99.2%
LEAD	385	14	3.6%	371	96.4%
LEAD COMPOUNDS	400	44	11.0%	356	89.0%
MANGANESE	92	2	2.2%	90	97.8%
MANGANESE COMPOUNDS	192	5	2.6%	187	97.4%
MERCURY	137	2	1.5%	135	98.5%
MERCURY COMPOUNDS	107	3	2.8%	104	97.2%
METHANOL	49	2	4.1%	47	95.9%
NICKEL	53	2	3.8%	51	96.2%
NICKEL COMPOUNDS	50	5	10.0%	45	90.0%
NITRATE COMPOUNDS	102	0	0.0%	102	100.0%
PHENOL	75	8	10.7%	67	89.3%
POLYCYCLIC AROMATIC COMPOUNDS	60	1	1.7%	59	98.3%
SELENIUM	6	1	16.7%	5	83.3%
SELENIUM COMPOUNDS	5	1	20.0%	4	80.0%
STYRENE	71	0	0.0%	71	100.0%
TOLUENE	47	1	2.1%	46	97.9%
VANADIUM COMPOUNDS	18	2	11.1%	16	88.9%
XYLENE (MIXED ISOMERS)	51	0	0.0%	51	100.0%
ZINC (FUME OR DUST)	18	1	5.6%	17	94.4%
ZINC COMPOUNDS	132	13	9.8%	119	90.2%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: F--Primary Metals					
1,2,4-TRIMETHYLBENZENE	87	0	0.0%	87	100.0%
4,4'-ISOPROPYLIDENEDIPHENOL	22	1	4.5%	21	95.5%
ACETOPHENONE	12	1	8.3%	11	91.7%
ALUMINUM (FUME OR DUST)	222	32	14.4%	190	85.6%
ALUMINUM OXIDE (FIBROUS FORMS)	20	2	10.0%	18	90.0%
AMMONIA	235	19	8.1%	216	91.9%
ANTIMONY	49	3	6.1%	46	93.9%
ANTIMONY COMPOUNDS	134	13	9.7%	121	90.3%
ARSENIC	19	5	26.3%	14	73.7%
ARSENIC COMPOUNDS	27	8	29.6%	19	70.4%
BARIUM	24	3	12.5%	21	87.5%
BARIUM COMPOUNDS	76	11	14.5%	65	85.5%
BENZENE	44	1	2.3%	43	97.7%
BENZO(G,H,I)PERYLENE	51	2	3.9%	49	96.1%
BERYLLIUM	15	1	6.7%	14	93.3%
BERYLLIUM COMPOUNDS	10	1	10.0%	9	90.0%
CADMIUM	28	3	10.7%	25	89.3%
CADMIUM COMPOUNDS	46	9	19.6%	37	80.4%
CERTAIN GLYCOL ETHERS	89	0	0.0%	89	100.0%
CHLORINE	120	2	1.7%	118	98.3%
CHROMIUM	529	69	13.0%	460	87.0%
CHROMIUM COMPOUNDS	274	62	22.6%	212	77.4%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	275	71	25.8%	204	74.2%
COBALT	101	14	13.9%	87	86.1%
COBALT COMPOUNDS	47	7	14.9%	40	85.1%
COPPER	1,038	231	22.3%	807	77.7%
COPPER COMPOUNDS	296	87	29.4%	209	70.6%
CUMENE	16	1	6.3%	15	93.8%
CYANIDE COMPOUNDS	50	9	18.0%	41	82.0%
DI(2-ETHYLHEXYL) PHTHALATE	17	1	5.9%	16	94.1%
DICHLOROMETHANE	13	1	7.7%	12	92.3%
DIISOCYANATES	179	1	0.6%	178	99.4%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	156	0	0.0%	156	100.0%
ETHYLBENZENE	71	1	1.4%	70	98.6%
FLUORINE	1	1	100.0%	0	0.0%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	170	1	0.6%	169	99.4%
HYDROGEN FLUORIDE	112	0	0.0%	112	100.0%
LEAD	805	146	18.1%	659	81.9%
LEAD COMPOUNDS	560	149	26.6%	411	73.4%
MANGANESE	578	72	12.5%	506	87.5%
MANGANESE COMPOUNDS	315	63	20.0%	252	80.0%
MERCURY	77	2	2.6%	75	97.4%
MERCURY COMPOUNDS	94	4	4.3%	90	95.7%
METHANOL	95	0	0.0%	95	100.0%
METHYL ETHYL KETONE	55	1	1.8%	54	98.2%
MOLYBDENUM TRIOXIDE	67	12	17.9%	55	82.1%
NAPHTHALENE	78	5	6.4%	73	93.6%
NICKEL	672	99	14.7%	573	85.3%
NICKEL COMPOUNDS	259	65	25.1%	194	74.9%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: F--Primary Metals					
NITRATE COMPOUNDS	188	15	8.0%	173	92.0%
NITRIC ACID	195	3	1.5%	192	98.5%
N-METHYL-2-PYRROLIDONE	29	1	3.4%	28	96.6%
PHENANTHRENE	26	1	3.8%	25	96.2%
PHENOL	164	24	14.6%	140	85.4%
PHOSPHORUS (YELLOW OR WHITE)	9	2	22.2%	7	77.8%
POLYCHLORINATED BIPHENYLS	33	1	3.0%	32	97.0%
POLYCYCLIC AROMATIC COMPOUNDS	87	6	6.9%	81	93.1%
SELENIUM COMPOUNDS	16	2	12.5%	14	87.5%
SILVER	42	3	7.1%	39	92.9%
SILVER COMPOUNDS	37	3	8.1%	34	91.9%
SODIUM NITRITE	61	2	3.3%	59	96.7%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	95	0	0.0%	95	100.0%
TOLUENE	98	0	0.0%	98	100.0%
TRICHLOROETHYLENE	45	1	2.2%	44	97.8%
TRIETHYLAMINE	53	0	0.0%	53	100.0%
VANADIUM (EXCEPT WHEN CONTAINED IN AN ALLOY)	13	1	7.7%	12	92.3%
VANADIUM (FUME OR DUST)	13	1	7.7%	12	92.3%
VANADIUM COMPOUNDS	35	2	5.7%	33	94.3%
XYLENE (MIXED ISOMERS)	146	2	1.4%	144	98.6%
ZINC (FUME OR DUST)	172	30	17.4%	142	82.6%
ZINC COMPOUNDS	386	138	35.8%	248	64.2%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: G--Metal Mining (Ore Mining and Dressing)					
AMMONIA	32	2	6.3%	30	93.8%
ARSENIC COMPOUNDS	32	3	9.4%	29	90.6%
BARIUM	5	1	20.0%	4	80.0%
CADMIUM COMPOUNDS	22	3	13.6%	19	86.4%
CHROMIUM COMPOUNDS	18	1	5.6%	17	94.4%
COBALT COMPOUNDS	20	1	5.0%	19	95.0%
COPPER COMPOUNDS	65	8	12.3%	57	87.7%
CYANIDE COMPOUNDS	58	1	1.7%	57	98.3%
LEAD	13	1	7.7%	12	92.3%
LEAD COMPOUNDS	82	12	14.6%	70	85.4%
MANGANESE COMPOUNDS	32	5	15.6%	27	84.4%
MERCURY COMPOUNDS	54	6	11.1%	48	88.9%
NICKEL	21	1	4.8%	20	95.2%
NICKEL COMPOUNDS	24	2	8.3%	22	91.7%
NITRATE COMPOUNDS	49	3	6.1%	46	93.9%
ZINC COMPOUNDS	61	11	18.0%	50	82.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: H--Coal Mines and Coal Mining-Related Facilities					
AMMONIA	34	3	8.8%	31	91.2%
ARSENIC COMPOUNDS	14	2	14.3%	12	85.7%
BARIUM COMPOUNDS	21	2	9.5%	19	90.5%
CHROMIUM COMPOUNDS	10	2	20.0%	8	80.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	13	2	15.4%	11	84.6%
COPPER COMPOUNDS	11	2	18.2%	9	81.8%
LEAD	33	2	6.1%	31	93.9%
LEAD COMPOUNDS	50	9	18.0%	41	82.0%
MANGANESE	10	1	10.0%	9	90.0%
MANGANESE COMPOUNDS	25	4	16.0%	21	84.0%
MERCURY	36	2	5.6%	34	94.4%
MERCURY COMPOUNDS	53	8	15.1%	45	84.9%
NICKEL COMPOUNDS	13	3	23.1%	10	76.9%
THALLIUM COMPOUNDS	5	1	20.0%	4	80.0%
ZINC COMPOUNDS	16	2	12.5%	14	87.5%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: I--Oil and Gas Extraction and Refining					
1,2,4-TRIMETHYLBENZENE	146	9	6.2%	137	93.8%
1,3-BUTADIENE	89	1	1.1%	88	98.9%
2,4-DIMETHYLPHENOL	10	3	30.0%	7	70.0%
AMMONIA	124	18	14.5%	106	85.5%
ANTHRACENE	24	2	8.3%	22	91.7%
ANTIMONY	6	1	16.7%	5	83.3%
BARIUM	7	2	28.6%	5	71.4%
BARIUM COMPOUNDS	8	2	25.0%	6	75.0%
BENZENE	176	25	14.2%	151	85.8%
BENZO(G,H,I)PERYLENE	125	4	3.2%	121	96.8%
BIPHENYL	23	2	8.7%	21	91.3%
CARBON DISULFIDE	52	1	1.9%	51	98.1%
CARBONYL SULFIDE	61	0	0.0%	61	100.0%
CHLORINE	59	2	3.4%	57	96.6%
CHROMIUM COMPOUNDS	17	3	17.6%	14	82.4%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	16	2	12.5%	14	87.5%
COBALT	9	2	22.2%	7	77.8%
COBALT COMPOUNDS	42	4	9.5%	38	90.5%
COPPER	6	1	16.7%	5	83.3%
COPPER COMPOUNDS	31	6	19.4%	25	80.6%
CRESOL (MIXED ISOMERS)	39	3	7.7%	36	92.3%
CUMENE	85	2	2.4%	83	97.6%
CYANIDE COMPOUNDS	8	1	12.5%	7	87.5%
CYCLOHEXANE	150	12	8.0%	138	92.0%
DIETHANOLAMINE	57	1	1.8%	56	98.2%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	72	0	0.0%	72	100.0%
ETHYLBENZENE	170	21	12.4%	149	87.6%
ETHYLENE	121	0	0.0%	121	100.0%
FORMALDEHYDE	9	1	11.1%	8	88.9%
HYDROGEN CYANIDE	12	1	8.3%	11	91.7%
HYDROGEN FLUORIDE	53	0	0.0%	53	100.0%
LEAD	42	6	14.3%	36	85.7%
LEAD COMPOUNDS	98	9	9.2%	89	90.8%
M-CRESOL	2	1	50.0%	1	50.0%
MERCURY	50	3	6.0%	47	94.0%
MERCURY COMPOUNDS	96	8	8.3%	88	91.7%
METHANOL	89	0	0.0%	89	100.0%
METHYL ETHYL KETONE	23	1	4.3%	22	95.7%
METHYL TERT-BUTYL ETHER	75	2	2.7%	73	97.3%
MOLYBDENUM TRIOXIDE	89	1	1.1%	88	98.9%
NAPHTHALENE	127	14	11.0%	113	89.0%
N-HEXANE	164	12	7.3%	152	92.7%
NICKEL	21	3	14.3%	18	85.7%
NICKEL COMPOUNDS	74	11	14.9%	63	85.1%
NITRATE COMPOUNDS	74	13	17.6%	61	82.4%
P-CRESOL	2	1	50.0%	1	50.0%
PHENANTHRENE	31	1	3.2%	30	96.8%
PHENOL	79	17	21.5%	62	78.5%
POLYCYCLIC AROMATIC COMPOUNDS	155	7	4.5%	148	95.5%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: I--Oil and Gas Extraction and Refining					
PROPYLENE	123	1	0.8%	122	99.2%
STYRENE	32	2	6.3%	30	93.8%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	72	0	0.0%	72	100.0%
TETRACHLOROETHYLENE	74	0	0.0%	74	100.0%
TOLUENE	174	24	13.8%	150	86.2%
VANADIUM COMPOUNDS	35	2	5.7%	33	94.3%
XYLENE (MIXED ISOMERS)	170	23	13.5%	147	86.5%
ZINC (FUME OR DUST)	3	1	33.3%	2	66.7%
ZINC COMPOUNDS	57	15	26.3%	42	73.7%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: L--Refuse Systems					
1,1,1,2-TETRACHLOROETHANE	6	1	16.7%	5	83.3%
1,1,1-TRICHLOROETHANE	26	2	7.7%	24	92.3%
1,1,2,2-TETRACHLOROETHANE	5	2	40.0%	3	60.0%
1,1,2-TRICHLOROETHANE	11	2	18.2%	9	81.8%
1,1-DIMETHYL HYDRAZINE	4	1	25.0%	3	75.0%
1,2,4-TRICHLOROBENZENE	8	2	25.0%	6	75.0%
1,2-DIBROMOETHANE	4	1	25.0%	3	75.0%
1,2-DICHLOROBENZENE	11	2	18.2%	9	81.8%
1,2-DICHLOROETHANE	16	3	18.8%	13	81.3%
1,2-DICHLOROETHYLENE	6	2	33.3%	4	66.7%
1,2-DICHLOROPROPANE	7	2	28.6%	5	71.4%
1,2-DIPHENYLHYDRAZINE	2	1	50.0%	1	50.0%
1,3-DICHLOROBENZENE	4	1	25.0%	3	75.0%
1,3-DICHLOROPROPYLENE	5	1	20.0%	4	80.0%
1,4-DICHLORO-2-BUTENE	2	1	50.0%	1	50.0%
1,4-DICHLOROBENZENE	11	2	18.2%	9	81.8%
1,4-DIOXANE	9	1	11.1%	8	88.9%
2,4,5-TRICHLOROPHENOL	7	1	14.3%	6	85.7%
2,4,6-TRICHLOROPHENOL	4	1	25.0%	3	75.0%
2,4-DICHLOROPHENOL	3	1	33.3%	2	66.7%
2,4-DIMETHYLPHENOL	3	1	33.3%	2	66.7%
2,4-DINITROPHENOL	4	1	25.0%	3	75.0%
2,4-DINITROTOLUENE	13	2	15.4%	11	84.6%
2,6-DINITROTOLUENE	6	2	33.3%	4	66.7%
2-ACETYLAMINOFLUORENE	6	1	16.7%	5	83.3%
2-ETHOXYETHANOL	11	1	9.1%	10	90.9%
2-METHOXYETHANOL	6	1	16.7%	5	83.3%
2-METHYLPYRIDINE	4	1	25.0%	3	75.0%
2-NITROPROPANE	5	1	20.0%	4	80.0%
3,3'-DICHLOROBENZIDINE	5	2	40.0%	3	60.0%
3,3'-DIMETHOXYBENZIDINE	4	1	25.0%	3	75.0%
3,3'-DIMETHYLBENZIDINE	5	1	20.0%	4	80.0%
4,4'-METHYLENEBIS(2-CHLOROANILINE)	6	1	16.7%	5	83.3%
4,6-DINITRO-O-CRESOL	4	1	25.0%	3	75.0%
4-NITROPHENOL	5	1	20.0%	4	80.0%
ACETALDEHYDE	8	1	12.5%	7	87.5%
ACETONITRILE	20	1	5.0%	19	95.0%
ACETOPHENONE	7	1	14.3%	6	85.7%
ACRYLAMIDE	8	1	12.5%	7	87.5%
ACRYLIC ACID	13	1	7.7%	12	92.3%
ACRYLONITRILE	13	2	15.4%	11	84.6%
ALLYL CHLORIDE	4	1	25.0%	3	75.0%
ALPHA-NAPHTHYLAMINE	4	1	25.0%	3	75.0%
AMITROLE	4	1	25.0%	3	75.0%
AMMONIA	19	1	5.3%	18	94.7%
ANILINE	14	1	7.1%	13	92.9%
ANTIMONY COMPOUNDS	17	1	5.9%	16	94.1%
ARSENIC	17	2	11.8%	15	88.2%
ARSENIC COMPOUNDS	19	1	5.3%	18	94.7%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: L--Refuse Systems					
BARIUM	23	1	4.3%	22	95.7%
BARIUM COMPOUNDS	28	2	7.1%	26	92.9%
BENZENE	28	3	10.7%	25	89.3%
BENZIDINE	6	2	33.3%	4	66.7%
BENZO(G,H,I)PERYLENE	17	1	5.9%	16	94.1%
BENZYL CHLORIDE	6	1	16.7%	5	83.3%
BETA-NAPHTHYLAMINE	2	1	50.0%	1	50.0%
BIS(2-CHLOROETHOXY)METHANE	2	1	50.0%	1	50.0%
BIS(2-CHLOROETHYL) ETHER	3	1	33.3%	2	66.7%
BIS(CHLOROMETHYL) ETHER	2	1	50.0%	1	50.0%
BROMOFORM	4	1	25.0%	3	75.0%
BROMOMETHANE	5	2	40.0%	3	60.0%
CADMIUM	14	1	7.1%	13	92.9%
CADMIUM COMPOUNDS	21	6	28.6%	15	71.4%
CARBON DISULFIDE	7	1	14.3%	6	85.7%
CARBON TETRACHLORIDE	15	2	13.3%	13	86.7%
CERTAIN GLYCOL ETHERS	17	1	5.9%	16	94.1%
CHLORDANE	21	2	9.5%	19	90.5%
CHLORINE	6	1	16.7%	5	83.3%
CHLOROBENZENE	17	2	11.8%	15	88.2%
CHLOROBENZILATE	2	1	50.0%	1	50.0%
CHLOROFORM	17	3	17.6%	14	82.4%
CHLOROMETHANE	10	2	20.0%	8	80.0%
CHLOROMETHYL METHYL ETHER	4	1	25.0%	3	75.0%
CHROMIUM	19	2	10.5%	17	89.5%
CHROMIUM COMPOUNDS	38	6	15.8%	32	84.2%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	37	7	18.9%	30	81.1%
COBALT COMPOUNDS	12	1	8.3%	11	91.7%
COPPER	18	4	22.2%	14	77.8%
COPPER COMPOUNDS	41	8	19.5%	33	80.5%
CREOSOTE	18	1	5.6%	17	94.4%
CRESOL (MIXED ISOMERS)	19	1	5.3%	18	94.7%
CROTONALDEHYDE	4	1	25.0%	3	75.0%
CUMENE	10	1	10.0%	9	90.0%
CYCLOHEXANE	20	1	5.0%	19	95.0%
DI(2-ETHYLHEXYL) PHTHALATE	13	2	15.4%	11	84.6%
DIALATE	4	1	25.0%	3	75.0%
DIAMINOTOLUENE (MIXED ISOMERS)	7	1	14.3%	6	85.7%
DIBUTYL PHTHALATE	9	2	22.2%	7	77.8%
DICHLORODIFLUOROMETHANE	5	1	20.0%	4	80.0%
DICHLOROMETHANE	43	3	7.0%	40	93.0%
DICHLORVOS	3	1	33.3%	2	66.7%
DICYCLOPENTADIENE	7	1	14.3%	6	85.7%
DIISOCYANATES	16	1	6.3%	15	93.8%
DIMETHYL CHLOROTHIOPHOSPHATE	1	1	100.0%	0	0.0%
DIMETHYL PHTHALATE	9	1	11.1%	8	88.9%
DIMETHYL SULFATE	5	1	20.0%	4	80.0%
DIMETHYLAMINE	7	1	14.3%	6	85.7%
DIMETHYLCARBAMYL CHLORIDE	4	1	25.0%	3	75.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: L--Refuse Systems					
DINITROTOLUENE (MIXED ISOMERS)	3	1	33.3%	2	66.7%
EPICHLOROHYDRIN	10	1	10.0%	9	90.0%
ETHYL ACRYLATE	13	1	7.7%	12	92.3%
ETHYLBENZENE	30	3	10.0%	27	90.0%
ETHYLENE GLYCOL	41	3	7.3%	38	92.7%
ETHYLENE OXIDE	3	1	33.3%	2	66.7%
ETHYLIDENE DICHLORIDE	4	1	25.0%	3	75.0%
FORMALDEHYDE	18	1	5.6%	17	94.4%
FORMIC ACID	12	1	8.3%	11	91.7%
FREON 113	13	1	7.7%	12	92.3%
HEPTACHLOR	16	2	12.5%	14	87.5%
HEXACHLORO-1,3-BUTADIENE	6	2	33.3%	4	66.7%
HEXACHLOROBENZENE	22	2	9.1%	20	90.9%
HEXACHLOROCYCLOPENTADIENE	5	1	20.0%	4	80.0%
HEXACHLOROETHANE	11	2	18.2%	9	81.8%
HEXACHLOROPHENE	5	1	20.0%	4	80.0%
HYDRAZINE	9	1	11.1%	8	88.9%
HYDROGEN FLUORIDE	25	1	4.0%	24	96.0%
ISOSAFROLE	2	1	50.0%	1	50.0%
LEAD	42	7	16.7%	35	83.3%
LEAD COMPOUNDS	71	10	14.1%	61	85.9%
LINDANE	8	1	12.5%	7	87.5%
MALEIC ANHYDRIDE	10	1	10.0%	9	90.0%
MALONONITRILE	4	1	25.0%	3	75.0%
MANGANESE COMPOUNDS	23	1	4.3%	22	95.7%
M-CRESOL	6	1	16.7%	5	83.3%
MERCURY	42	2	4.8%	40	95.2%
MERCURY COMPOUNDS	49	5	10.2%	44	89.8%
METHACRYLONITRILE	6	1	16.7%	5	83.3%
METHANOL	36	1	2.8%	35	97.2%
METHYL CHLOROCARBONATE	5	1	20.0%	4	80.0%
METHYL ETHYL KETONE	43	2	4.7%	41	95.3%
METHYL IODIDE	4	1	25.0%	3	75.0%
METHYL ISOBUTYL KETONE	28	1	3.6%	27	96.4%
METHYL METHACRYLATE	14	1	7.1%	13	92.9%
METHYLENE BROMIDE	2	1	50.0%	1	50.0%
N,N-DIMETHYLFORMAMIDE	15	1	6.7%	14	93.3%
NAPHTHALENE	24	2	8.3%	22	91.7%
N-BUTYL ALCOHOL	26	1	3.8%	25	96.2%
N-HEXANE	23	1	4.3%	22	95.7%
NICKEL	19	3	15.8%	16	84.2%
NICKEL COMPOUNDS	37	6	16.2%	31	83.8%
NITRATE COMPOUNDS	37	6	16.2%	31	83.8%
NITROBENZENE	17	2	11.8%	15	88.2%
N-NITROSODIETHYLAMINE	4	1	25.0%	3	75.0%
N-NITROSODI-N-BUTYLAMINE	2	1	50.0%	1	50.0%
N-NITROSO-N-ETHYLUREA	4	1	25.0%	3	75.0%
N-NITROSO-N-METHYLUREA	4	1	25.0%	3	75.0%
N-NITROSOPIPERIDINE	4	1	25.0%	3	75.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: L--Refuse Systems					
O-CRESOL	8	1	12.5%	7	87.5%
OSMIUM TETROXIDE	1	1	100.0%	0	0.0%
O-TOLUIDINE	5	1	20.0%	4	80.0%
O-TOLUIDINE HYDROCHLORIDE	4	1	25.0%	3	75.0%
PARALDEHYDE	5	2	40.0%	3	60.0%
P-CRESOL	8	1	12.5%	7	87.5%
PENTACHLOROETHANE	3	1	33.3%	2	66.7%
PENTACHLOROPHENOL	12	2	16.7%	10	83.3%
PHENOL	29	4	13.8%	25	86.2%
PHOSGENE	2	1	50.0%	1	50.0%
PHTHALIC ANHYDRIDE	18	1	5.6%	17	94.4%
POLYCHLORINATED BIPHENYLS	39	3	7.7%	36	92.3%
POLYCYCLIC AROMATIC COMPOUNDS	25	1	4.0%	24	96.0%
PRONAMIDE	2	1	50.0%	1	50.0%
PYRIDINE	18	1	5.6%	17	94.4%
QUINONE	4	1	25.0%	3	75.0%
QUINTOZENE	4	1	25.0%	3	75.0%
SELENIUM	8	1	12.5%	7	87.5%
SELENIUM COMPOUNDS	11	1	9.1%	10	90.9%
SILVER	11	2	18.2%	9	81.8%
SILVER COMPOUNDS	9	1	11.1%	8	88.9%
STYRENE	27	2	7.4%	25	92.6%
TETRACHLOROETHYLENE	38	2	5.3%	36	94.7%
THIOACETAMIDE	4	1	25.0%	3	75.0%
THIOUREA	7	1	14.3%	6	85.7%
THIRAM	5	1	20.0%	4	80.0%
TOLUENE	49	3	6.1%	46	93.9%
TOLUENE DIISOCYANATE (MIXED ISOMERS)	7	1	14.3%	6	85.7%
TOLUENE-2,4-DIISOCYANATE	9	1	11.1%	8	88.9%
TOXAPHENE	19	2	10.5%	17	89.5%
TRICHLOROETHYLENE	30	2	6.7%	28	93.3%
TRICHLOROFLUOROMETHANE	12	1	8.3%	11	91.7%
TRIS(2,3-DIBROMOPROPYL) PHOSPHATE	2	1	50.0%	1	50.0%
URETHANE	11	1	9.1%	10	90.9%
VINYL CHLORIDE	11	1	9.1%	10	90.9%
VINYLDENE CHLORIDE	11	2	18.2%	9	81.8%
XYLENE (MIXED ISOMERS)	50	3	6.0%	47	94.0%
ZINC (FUME OR DUST)	12	1	8.3%	11	91.7%
ZINC COMPOUNDS	43	9	20.9%	34	79.1%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: N--Scrap Recycling Facilities					
CHROMIUM	1	1	100.0%	0	0.0%
COBALT	2	1	50.0%	1	50.0%
COPPER	2	1	50.0%	1	50.0%
MANGANESE	2	1	50.0%	1	50.0%
NICKEL	2	1	50.0%	1	50.0%
ZINC COMPOUNDS	1	1	100.0%	0	0.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: P--Land Transportation					
1,2,4-TRICHLOROBENZENE	3	1	33.3%	2	66.7%
1,2,4-TRIMETHYLBENZENE	585	65	11.1%	520	88.9%
BENZENE	586	139	23.7%	447	76.3%
BENZO(G,H,I)PERYLENE	286	7	2.4%	279	97.6%
CHROMIUM	4	1	25.0%	3	75.0%
COPPER COMPOUNDS	2	1	50.0%	1	50.0%
CUMENE	137	8	5.8%	129	94.2%
CYCLOHEXANE	205	12	5.9%	193	94.1%
ETHYLBENZENE	573	105	18.3%	468	81.7%
ETHYLENE GLYCOL	40	1	2.5%	39	97.5%
LEAD	78	4	5.1%	74	94.9%
LEAD COMPOUNDS	223	20	9.0%	203	91.0%
MERCURY	56	8	14.3%	48	85.7%
MERCURY COMPOUNDS	40	1	2.5%	39	97.5%
METHANOL	56	0	0.0%	56	100.0%
METHYL METHACRYLATE	1	1	100.0%	0	0.0%
METHYL TERT-BUTYL ETHER	367	79	21.5%	288	78.5%
NAPHTHALENE	198	26	13.1%	172	86.9%
N-HEXANE	555	101	18.2%	454	81.8%
POLYCYCLIC AROMATIC COMPOUNDS	403	20	5.0%	383	95.0%
STYRENE	26	3	11.5%	23	88.5%
TERT-BUTYL ALCOHOL	36	6	16.7%	30	83.3%
TOLUENE	613	161	26.3%	452	73.7%
XYLENE (MIXED ISOMERS)	599	162	27.0%	437	73.0%
ZINC COMPOUNDS	50	8	16.0%	42	84.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: R--Ship and Boat Building and Repairing Yards					
CHROMIUM	19	7	36.8%	12	63.2%
CHROMIUM COMPOUNDS	3	3	100.0%	0	0.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSSVAAL REGION)	3	2	66.7%	1	33.3%
COBALT COMPOUNDS	3	1	33.3%	2	66.7%
COPPER	14	6	42.9%	8	57.1%
COPPER COMPOUNDS	16	13	81.3%	3	18.8%
ETHYLBENZENE	18	1	5.6%	17	94.4%
LEAD	23	6	26.1%	17	73.9%
LEAD COMPOUNDS	8	5	62.5%	3	37.5%
MANGANESE	26	7	26.9%	19	73.1%
MANGANESE COMPOUNDS	7	3	42.9%	4	57.1%
METHYL ISOBUTYL KETONE	4	2	50.0%	2	50.0%
METHYL METHACRYLATE	56	0	0.0%	56	100.0%
NICKEL	21	6	28.6%	15	71.4%
NICKEL COMPOUNDS	3	2	66.7%	1	33.3%
STYRENE	219	1	0.5%	218	99.5%
TOLUENE	39	1	2.6%	38	97.4%
XYLENE (MIXED ISOMERS)	55	4	7.3%	51	92.7%
ZINC (FUME OR DUST)	11	2	18.2%	9	81.8%
ZINC COMPOUNDS	18	11	61.1%	7	38.9%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: U--Food and Kindred Products					
ACETALDEHYDE	26	4	15.4%	22	84.6%
AMMONIA	909	43	4.7%	866	95.3%
BENZO(G,H,I)PERYLENE	150	0	0.0%	150	100.0%
CHLORINE	296	0	0.0%	296	100.0%
COPPER COMPOUNDS	416	0	0.0%	416	100.0%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	59	0	0.0%	59	100.0%
LEAD COMPOUNDS	63	0	0.0%	63	100.0%
MANGANESE	51	0	0.0%	51	100.0%
MANGANESE COMPOUNDS	434	0	0.0%	434	100.0%
METHANOL	53	2	3.8%	51	96.2%
N-HEXANE	125	0	0.0%	125	100.0%
NICKEL	45	1	2.2%	44	97.8%
NICKEL COMPOUNDS	28	1	3.6%	27	96.4%
NICOTINE AND SALTS	36	1	2.8%	35	97.2%
NITRATE COMPOUNDS	495	36	7.3%	459	92.7%
NITRIC ACID	484	0	0.0%	484	100.0%
POLYCYCLIC AROMATIC COMPOUNDS	175	1	0.6%	174	99.4%
PROPYLENE OXIDE	22	1	4.5%	21	95.5%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	66	0	0.0%	66	100.0%
ZINC COMPOUNDS	473	1	0.2%	472	99.8%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: V--Textile Mills, Apparel, and Other Fabric Product Manufacturing					
AMMONIA	42	1	2.4%	41	97.6%
ANTIMONY COMPOUNDS	47	2	4.3%	45	95.7%
BARIUM COMPOUNDS	15	2	13.3%	13	86.7%
BENZO(G,H,I)PERYLENE	84	0	0.0%	84	100.0%
COPPER COMPOUNDS	21	2	9.5%	19	90.5%
FORMALDEHYDE	30	1	3.3%	29	96.7%
LEAD	13	1	7.7%	12	92.3%
LEAD COMPOUNDS	32	3	9.4%	29	90.6%
METHANOL	43	1	2.3%	42	97.7%
METHYL ETHYL KETONE	63	1	1.6%	62	98.4%
N-METHYL-2-PYRROLIDONE	21	1	4.8%	20	95.2%
PHENOL	13	1	7.7%	12	92.3%
POLYCYCLIC AROMATIC COMPOUNDS	110	0	0.0%	110	100.0%
TOLUENE	68	1	1.5%	67	98.5%
ZINC COMPOUNDS	42	5	11.9%	37	88.1%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: W--Furniture and Fixtures					
1,2,4-TRIMETHYLBENZENE	55	0	0.0%	55	100.0%
CERTAIN GLYCOL ETHERS	66	0	0.0%	66	100.0%
CHROMIUM	27	3	11.1%	24	88.9%
ETHYLBENZENE	59	0	0.0%	59	100.0%
LEAD	81	3	3.7%	78	96.3%
LEAD COMPOUNDS	90	0	0.0%	90	100.0%
MANGANESE	30	3	10.0%	27	90.0%
MANGANESE COMPOUNDS	4	2	50.0%	2	50.0%
METHANOL	83	0	0.0%	83	100.0%
METHYL ETHYL KETONE	103	0	0.0%	103	100.0%
N-BUTYL ALCOHOL	125	0	0.0%	125	100.0%
NICKEL	30	2	6.7%	28	93.3%
NICKEL COMPOUNDS	8	2	25.0%	6	75.0%
TOLUENE	314	0	0.0%	314	100.0%
XYLENE (MIXED ISOMERS)	284	0	0.0%	284	100.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: X--Printing and Publishing					
CERTAIN GLYCOL ETHERS	89	2	2.2%	87	97.8%
COPPER	26	1	3.8%	25	96.2%
COPPER COMPOUNDS	35	1	2.9%	34	97.1%
METHYL ETHYL KETONE	53	0	0.0%	53	100.0%
MIXTURE	10	1	10.0%	9	90.0%
N-HEXANE	9	1	11.1%	8	88.9%
TOLUENE	83	2	2.4%	81	97.6%
XYLENE (MIXED ISOMERS)	44	1	2.3%	43	97.7%
ZINC COMPOUNDS	23	2	8.7%	21	91.3%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Y--Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries					
1,1-DICHLORO-1-FLUOROETHANE	93	0	0.0%	93	100.0%
1,2,4-TRIMETHYLBENZENE	30	1	3.3%	29	96.7%
2-MERCAPTOBENZOTHAZOLE	30	4	13.3%	26	86.7%
ACETALDEHYDE	2	1	50.0%	1	50.0%
AMMONIA	39	1	2.6%	38	97.4%
ANTIMONY	20	1	5.0%	19	95.0%
ANTIMONY COMPOUNDS	221	14	6.3%	207	93.7%
BARIUM COMPOUNDS	90	9	10.0%	81	90.0%
BENZO(G,H,I)PERYLENE	65	2	3.1%	63	96.9%
CERTAIN GLYCOL ETHERS	136	2	1.5%	134	98.5%
CHLORODIFLUOROMETHANE	55	0	0.0%	55	100.0%
CHROMIUM	53	3	5.7%	50	94.3%
CHROMIUM COMPOUNDS	99	4	4.0%	95	96.0%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	91	4	4.4%	87	95.6%
COBALT COMPOUNDS	44	5	11.4%	39	88.6%
COPPER	99	10	10.1%	89	89.9%
COPPER COMPOUNDS	34	2	5.9%	32	94.1%
DECABROMODIPHENYL OXIDE	75	3	4.0%	72	96.0%
DI(2-ETHYLHEXYL) PHTHALATE	222	18	8.1%	204	91.9%
DICHLOROMETHANE	119	0	0.0%	119	100.0%
DIISOCYANATES	404	0	0.0%	404	100.0%
DIPHENYLAMINE	3	1	33.3%	2	66.7%
ETHYLBENZENE	61	3	4.9%	58	95.1%
ETHYLENE	1	1	100.0%	0	0.0%
ETHYLENE GLYCOL	71	0	0.0%	71	100.0%
ETHYLENE THIOUREA	17	2	11.8%	15	88.2%
LEAD	165	5	3.0%	160	97.0%
LEAD COMPOUNDS	361	27	7.5%	334	92.5%
MANGANESE COMPOUNDS	44	3	6.8%	41	93.2%
MERCURY COMPOUNDS	15	1	6.7%	14	93.3%
METHANOL	99	1	1.0%	98	99.0%
METHYL ETHYL KETONE	291	2	0.7%	289	99.3%
METHYL ISOBUTYL KETONE	101	1	1.0%	100	99.0%
METHYL METHACRYLATE	94	0	0.0%	94	100.0%
M-XYLENE	2	1	50.0%	1	50.0%
N-BUTYL ALCOHOL	41	1	2.4%	40	97.6%
N-HEXANE	62	0	0.0%	62	100.0%
NICKEL	51	4	7.8%	47	92.2%
NICKEL COMPOUNDS	52	2	3.8%	50	96.2%
NITRATE COMPOUNDS	47	2	4.3%	45	95.7%
N-METHYL-2-PYRROLIDONE	60	0	0.0%	60	100.0%
PHENOL	59	0	0.0%	59	100.0%
POLYCYCLIC AROMATIC COMPOUNDS	105	2	1.9%	103	98.1%
SODIUM NITRITE	21	1	4.8%	20	95.2%
STYRENE	844	4	0.5%	840	99.5%
TETRABROMOBISPHENOL A	15	1	6.7%	14	93.3%
THIRAM	64	8	12.5%	56	87.5%
TOLUENE	346	9	2.6%	337	97.4%
TOLUENE DIISOCYANATE (MIXED ISOMERS)	91	0	0.0%	91	100.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Y--Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries					
TRICHLOROETHYLENE	51	2	3.9%	49	96.1%
VINYL ACETATE	17	1	5.9%	16	94.1%
XYLENE (MIXED ISOMERS)	207	6	2.9%	201	97.1%
ZINC (FUME OR DUST)	31	2	6.5%	29	93.5%
ZINC COMPOUNDS	598	126	21.1%	472	78.9%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Z--Leather Tanning and Finishing					
AMMONIA	18	1	5.6%	17	94.4%
CERTAIN GLYCOL ETHERS	24	1	4.2%	23	95.8%
CHROMIUM COMPOUNDS	34	5	14.7%	29	85.3%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	28	3	10.7%	25	89.3%
POTASSIUM N-METHYLDITHIOCARBAMATE	1	1	100.0%	0	0.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AA--Fabricated Metal Products					
1,2,4-TRIMETHYLBENZENE	124	0	0.0%	124	100.0%
2-ETHOXYETHANOL	4	1	25.0%	3	75.0%
ALUMINUM (FUME OR DUST)	54	1	1.9%	53	98.1%
AMMONIA	158	3	1.9%	155	98.1%
ANTIMONY	21	6	28.6%	15	71.4%
ANTIMONY COMPOUNDS	26	2	7.7%	24	92.3%
ARSENIC	13	1	7.7%	12	92.3%
BARIUM COMPOUNDS	27	3	11.1%	24	88.9%
CADMIUM COMPOUNDS	16	2	12.5%	14	87.5%
CERTAIN GLYCOL ETHERS	413	2	0.5%	411	99.5%
CHLORINE	39	2	5.1%	37	94.9%
CHROMIUM	915	55	6.0%	860	94.0%
CHROMIUM COMPOUNDS	319	29	9.1%	290	90.9%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	303	38	12.5%	265	87.5%
COBALT	83	2	2.4%	81	97.6%
COPPER	850	88	10.4%	762	89.6%
COPPER COMPOUNDS	257	49	19.1%	208	80.9%
CYANIDE COMPOUNDS	155	14	9.0%	141	91.0%
DICHLOROMETHANE	55	0	0.0%	55	100.0%
DIISOCYANATES	105	1	1.0%	104	99.0%
ETHYLBENZENE	154	0	0.0%	154	100.0%
FORMALDEHYDE	41	2	4.9%	39	95.1%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	108	0	0.0%	108	100.0%
HYDROGEN FLUORIDE	93	2	2.2%	91	97.8%
LEAD	852	82	9.6%	770	90.4%
LEAD COMPOUNDS	460	45	9.8%	415	90.2%
LITHIUM CARBONATE	1	1	100.0%	0	0.0%
MANGANESE	850	65	7.6%	785	92.4%
MANGANESE COMPOUNDS	138	11	8.0%	127	92.0%
MERCURY COMPOUNDS	12	1	8.3%	11	91.7%
METHANOL	101	2	2.0%	99	98.0%
METHYL ETHYL KETONE	307	1	0.3%	306	99.7%
METHYL ISOBUTYL KETONE	149	1	0.7%	148	99.3%
N,N-DIMETHYLFORMAMIDE	8	1	12.5%	7	87.5%
NAPHTHALENE	75	0	0.0%	75	100.0%
N-BUTYL ALCOHOL	268	1	0.4%	267	99.6%
NICKEL	1,020	79	7.7%	941	92.3%
NICKEL COMPOUNDS	445	57	12.8%	388	87.2%
NITRATE COMPOUNDS	345	17	4.9%	328	95.1%
NITRIC ACID	547	5	0.9%	542	99.1%
N-METHYL-2-PYRROLIDONE	20	1	5.0%	19	95.0%
PHENOL	16	1	6.3%	15	93.8%
PHOSPHORUS (YELLOW OR WHITE)	28	1	3.6%	27	96.4%
SILVER COMPOUNDS	14	1	7.1%	13	92.9%
SODIUM NITRITE	45	1	2.2%	44	97.8%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	135	0	0.0%	135	100.0%
TOLUENE	335	2	0.6%	333	99.4%
TRICHLOROETHYLENE	187	1	0.5%	186	99.5%
TRIETHYLAMINE	10	1	10.0%	9	90.0%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AA--Fabricated Metal Products					
XYLENE (MIXED ISOMERS)	465	3	0.6%	462	99.4%
ZINC (FUME OR DUST)	148	21	14.2%	127	85.8%
ZINC COMPOUNDS	555	101	18.2%	454	81.8%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AB--Transportation Equipment, Industrial, and Commercial Machinery					
1,1-DICHLORO-1-FLUOROETHANE	56	0	0.0%	56	100.0%
1,2,4-TRIMETHYLBENZENE	121	0	0.0%	121	100.0%
ALUMINUM (FUME OR DUST)	75	2	2.7%	73	97.3%
ALUMINUM OXIDE (FIBROUS FORMS)	20	3	15.0%	17	85.0%
AMMONIA	123	5	4.1%	118	95.9%
ANTIMONY	15	2	13.3%	13	86.7%
ANTIMONY COMPOUNDS	17	1	5.9%	16	94.1%
BARIUM	8	1	12.5%	7	87.5%
BARIUM COMPOUNDS	52	7	13.5%	45	86.5%
BENZENE	82	0	0.0%	82	100.0%
BENZO(G,H,I)PERYLENE	64	0	0.0%	64	100.0%
CERTAIN GLYCOL ETHERS	244	1	0.4%	243	99.6%
CHLORODIFLUOROMETHANE	117	0	0.0%	117	100.0%
CHROMIUM	883	70	7.9%	813	92.1%
CHROMIUM COMPOUNDS	159	14	8.8%	145	91.2%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	150	13	8.7%	137	91.3%
COBALT	136	15	11.0%	121	89.0%
COPPER	813	92	11.3%	721	88.7%
COPPER COMPOUNDS	114	19	16.7%	95	83.3%
CYCLOHEXANE	67	0	0.0%	67	100.0%
DICHLOROMETHANE	42	1	2.4%	41	97.6%
DIISOCYANATES	310	1	0.3%	309	99.7%
ETHYLBENZENE	181	2	1.1%	179	98.9%
ETHYLENE GLYCOL	240	12	5.0%	228	95.0%
LEAD	694	49	7.1%	645	92.9%
LEAD COMPOUNDS	250	28	11.2%	222	88.8%
LITHIUM CARBONATE	2	1	50.0%	1	50.0%
MANGANESE	827	53	6.4%	774	93.6%
MANGANESE COMPOUNDS	172	18	10.5%	154	89.5%
METHANOL	246	0	0.0%	246	100.0%
METHYL ETHYL KETONE	345	6	1.7%	339	98.3%
METHYL ISOBUTYL KETONE	187	4	2.1%	183	97.9%
METHYL TERT-BUTYL ETHER	60	0	0.0%	60	100.0%
NAPHTHALENE	50	1	2.0%	49	98.0%
N-BUTYL ALCOHOL	140	1	0.7%	139	99.3%
N-HEXANE	81	0	0.0%	81	100.0%
NICKEL	928	72	7.8%	856	92.2%
NICKEL COMPOUNDS	193	17	8.8%	176	91.2%
NITRATE COMPOUNDS	172	10	5.8%	162	94.2%
NITRIC ACID	180	0	0.0%	180	100.0%
N-METHYL-2-PYRROLIDONE	58	0	0.0%	58	100.0%
PHENOL	47	4	8.5%	43	91.5%
POLYCHLORINATED ALKANES	26	2	7.7%	24	92.3%
POLYCYCLIC AROMATIC COMPOUNDS	76	0	0.0%	76	100.0%
PROPYLENE	53	0	0.0%	53	100.0%
SILVER COMPOUNDS	1	1	100.0%	0	0.0%
SODIUM AZIDE	6	1	16.7%	5	83.3%
SODIUM NITRITE	113	0	0.0%	113	100.0%
STYRENE	156	4	2.6%	152	97.4%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AB--Transportation Equipment, Industrial, and Commercial Machinery					
TETRACHLOROETHYLENE	46	1	2.2%	45	97.8%
TOLUENE	455	7	1.5%	448	98.5%
TRICHLOROETHYLENE	102	2	2.0%	100	98.0%
XYLENE (MIXED ISOMERS)	560	8	1.4%	552	98.6%
ZINC (FUME OR DUST)	44	3	6.8%	41	93.2%
ZINC COMPOUNDS	260	49	18.8%	211	81.2%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AC--Electronic, Electrical, Photographic, and Optical Goods					
ALUMINUM OXIDE (FIBROUS FORMS)	5	1	20.0%	4	80.0%
AMMONIA	222	4	1.8%	218	98.2%
ANTIMONY	27	5	18.5%	22	81.5%
ANTIMONY COMPOUNDS	65	9	13.8%	56	86.2%
ARSENIC COMPOUNDS	17	1	5.9%	16	94.1%
BARIUM COMPOUNDS	45	4	8.9%	41	91.1%
BENZO(G,H,I)PERYLENE	53	3	5.7%	50	94.3%
CADMIUM	7	2	28.6%	5	71.4%
CADMIUM COMPOUNDS	9	4	44.4%	5	55.6%
CERTAIN GLYCOL ETHERS	130	1	0.8%	129	99.2%
CHLORINE	35	1	2.9%	34	97.1%
CHROMIUM	148	7	4.7%	141	95.3%
CHROMIUM COMPOUNDS	30	4	13.3%	26	86.7%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	24	3	12.5%	21	87.5%
COBALT	21	1	4.8%	20	95.2%
COBALT COMPOUNDS	13	3	23.1%	10	76.9%
COPPER	634	60	9.5%	574	90.5%
COPPER COMPOUNDS	238	31	13.0%	207	87.0%
DI(2-ETHYLHEXYL) PHTHALATE	25	1	4.0%	24	96.0%
DIISOCYANATES	119	0	0.0%	119	100.0%
ETHYLENE GLYCOL	109	1	0.9%	108	99.1%
FORMALDEHYDE	52	1	1.9%	51	98.1%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	95	1	1.1%	94	98.9%
HYDROGEN FLUORIDE	131	2	1.5%	129	98.5%
LEAD	1,190	27	2.3%	1,163	97.7%
LEAD COMPOUNDS	658	59	9.0%	599	91.0%
MANGANESE	105	1	1.0%	104	99.0%
MANGANESE COMPOUNDS	57	10	17.5%	47	82.5%
MERCURY	61	1	1.6%	60	98.4%
MERCURY COMPOUNDS	15	3	20.0%	12	80.0%
METHANOL	128	0	0.0%	128	100.0%
METHYL ETHYL KETONE	108	3	2.8%	105	97.2%
METHYL ISOBUTYL KETONE	26	1	3.8%	25	96.2%
NICKEL	169	10	5.9%	159	94.1%
NICKEL COMPOUNDS	81	11	13.6%	70	86.4%
NITRATE COMPOUNDS	239	9	3.8%	230	96.2%
NITRIC ACID	305	1	0.3%	304	99.7%
N-METHYL-2-PYRROLIDONE	98	1	1.0%	97	99.0%
PHENOL	21	2	9.5%	19	90.5%
POLYCYCLIC AROMATIC COMPOUNDS	84	3	3.6%	81	96.4%
SILVER	19	1	5.3%	18	94.7%
SILVER COMPOUNDS	12	3	25.0%	9	75.0%
STYRENE	64	0	0.0%	64	100.0%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	100	2	2.0%	98	98.0%
TETRACHLOROETHYLENE	24	1	4.2%	23	95.8%
TOLUENE	123	1	0.8%	122	99.2%
TRICHLOROETHYLENE	67	2	3.0%	65	97.0%
XYLENE (MIXED ISOMERS)	135	1	0.7%	134	99.3%
ZINC (FUME OR DUST)	29	2	6.9%	27	93.1%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: AC--Electronic, Electrical, Photographic, and Optical Goods					
ZINC COMPOUNDS	107	18	16.8%	89	83.2%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Other--Other					
1,2,4-TRIMETHYLBENZENE	236	1	0.4%	235	99.6%
AMMONIA	309	16	5.2%	293	94.8%
ANTHRACENE	5	1	20.0%	4	80.0%
ANTIMONY COMPOUNDS	44	7	15.9%	37	84.1%
ARSENIC	9	1	11.1%	8	88.9%
ARSENIC COMPOUNDS	182	46	25.3%	136	74.7%
BARIUM	34	1	2.9%	33	97.1%
BARIUM COMPOUNDS	432	83	19.2%	349	80.8%
BENZENE	24	1	4.2%	23	95.8%
BENZO(G,H,I)PERYLENE	291	3	1.0%	288	99.0%
BERYLLIUM COMPOUNDS	59	13	22.0%	46	78.0%
CERTAIN GLYCOL ETHERS	271	0	0.0%	271	100.0%
CHLORINE	196	5	2.6%	191	97.4%
CHROMIUM	24	4	16.7%	20	83.3%
CHROMIUM COMPOUNDS	277	48	17.3%	229	82.7%
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	275	54	19.6%	221	80.4%
COBALT COMPOUNDS	149	34	22.8%	115	77.2%
COPPER	96	6	6.3%	90	93.8%
COPPER COMPOUNDS	320	96	30.0%	224	70.0%
CUMENE	64	0	0.0%	64	100.0%
CYANIDE COMPOUNDS	6	2	33.3%	4	66.7%
CYCLOHEXANE	73	0	0.0%	73	100.0%
DI(2-ETHYLHEXYL) PHTHALATE	82	0	0.0%	82	100.0%
DIBUTYL PHTHALATE	100	0	0.0%	100	100.0%
DICHLOROMETHANE	162	1	0.6%	161	99.4%
DIETHANOLAMINE	132	0	0.0%	132	100.0%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	519	2	0.4%	517	99.6%
ETHYLBENZENE	156	2	1.3%	154	98.7%
ETHYLENE GLYCOL	359	3	0.8%	356	99.2%
FORMIC ACID	69	0	0.0%	69	100.0%
HEXACHLOROBENZENE	19	1	5.3%	18	94.7%
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	543	1	0.2%	542	99.8%
HYDROGEN FLUORIDE	433	2	0.5%	431	99.5%
LEAD	188	14	7.4%	174	92.6%
LEAD COMPOUNDS	615	90	14.6%	525	85.4%
MANGANESE	37	3	8.1%	34	91.9%
MANGANESE COMPOUNDS	375	77	20.5%	298	79.5%
MERCURY	99	6	6.1%	93	93.9%
MERCURY COMPOUNDS	493	52	10.5%	441	89.5%
METHANOL	337	0	0.0%	337	100.0%
METHYL ETHYL KETONE	279	1	0.4%	278	99.6%
METHYL ISOBUTYL KETONE	203	0	0.0%	203	100.0%
NAPHTHALENE	154	3	1.9%	151	98.1%
N-BUTYL ALCOHOL	174	1	0.6%	173	99.4%
N-HEXANE	220	1	0.5%	219	99.5%
NICKEL	30	4	13.3%	26	86.7%
NICKEL COMPOUNDS	307	77	25.1%	230	74.9%
NITRATE COMPOUNDS	86	5	5.8%	81	94.2%
NITRIC ACID	134	2	1.5%	132	98.5%

Attachment 5. TRI Facilities Reporting Storm Water Loading by Sector and Chemical (1999-2002).

Chemical	Number of Facilities Reporting Chemical	Stormwater Loading Reported		No Stormwater Loading Reported	
		Number	%	Number	%
Sector: Other--Other					
N-METHYL-2-PYRROLIDONE	101	0	0.0%	101	100.0%
PENDIMETHALIN	1	1	100.0%	0	0.0%
PHENANTHRENE	6	1	16.7%	5	83.3%
PHENOL	11	1	9.1%	10	90.9%
POLYCHLORINATED BIPHENYLS	27	1	3.7%	26	96.3%
POLYCYCLIC AROMATIC COMPOUNDS	471	4	0.8%	467	99.2%
SELENIUM COMPOUNDS	70	16	22.9%	54	77.1%
SILVER COMPOUNDS	3	1	33.3%	2	66.7%
STYRENE	88	1	1.1%	87	98.9%
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	502	1	0.2%	501	99.8%
TETRACHLOROETHYLENE	142	0	0.0%	142	100.0%
THALLIUM COMPOUNDS	39	7	17.9%	32	82.1%
TOLUENE	301	3	1.0%	298	99.0%
TRICHLOROETHYLENE	137	0	0.0%	137	100.0%
VANADIUM (EXCEPT WHEN CONTAINED IN AN ALLOY)	24	1	4.2%	23	95.8%
VANADIUM (FUME OR DUST)	4	1	25.0%	3	75.0%
VANADIUM COMPOUNDS	353	24	6.8%	329	93.2%
XYLENE (MIXED ISOMERS)	318	5	1.6%	313	98.4%
ZINC (FUME OR DUST)	19	1	5.3%	18	94.7%
ZINC COMPOUNDS	384	97	25.3%	287	74.7%