

**QUESTIONS FOR THE SCIENCE ADVISORY BOARD ON THE
TITLE VI RELATIVE BURDEN ANALYSES
and
CUMULATIVE OUTDOOR AIR TOXICS CONCENTRATIONS AND
EXPOSURE METHODOLOGY**

Appendices

- A-1. TRI Chemicals for Which No Toxicity Weights Were Available.

This table lists the chemicals reportable under the Toxics Release Inventory (TRI) for which the Risk Screening Environmental Indicators (RSEI) model does not include toxicity weights as of the latest (US EPA, 1998) version. The releases in this table are from the 1995 TRI public data release information for the state of Louisiana.

- A-2. Relative Burden Ratios for 2- and 4-Mile Circles (Basic vs. Enhanced).

- A-3. Toxicity-weighted Emissions by Facility (lbs/yr).

This table presents the 1995 Louisiana TRI air releases, totaled by facility. The data are summarized across multiple chemicals for stack and fugitive releases. The Adjusted values were calculated as described in the text of the review document, by multiplying the release in lb/yr by the chemical-specific toxicity score, and dividing by a constant of 100,000. The total adjusted (toxicity-weighted) fugitive and stack air releases were included in the relative burden analyses by assigning a burden value based on these adjusted releases to the populations of Census blocks surrounding the facilities, and the results totaled across facility universes in three geographic study areas (Table A-5). The data presented in this facility-specific table does not take into account cumulative burdens from multiple proximate facilities.

- A-4. Population Size and Composition for 314 TRI Facilities in Louisiana.

This table presents the size and racial composition of populations surrounding facilities which reported under TRI in 1995, for 2- and 4-mile radii. The African-American population counts are presented in the column labeled "AA" and the non-African-American population counts are presented in the column labeled "NAA." These estimates were derived using a geographic information system which tabulated the 1990 population of proximate Census blocks.

- A-5. Total Proximate Populations and Relative Burden Ratios for 15 Facility Universes.

Table A-1. TRI Chemicals for Which No Toxicity Weights were Available.

This table lists the chemicals reportable under the Toxics Release Inventory (TRI) for which the Risk Screening Environmental Indicators (RSEI) model does not include toxicity weights as of the latest (US EPA, 1998) version. The releases in this table are from the 1995 TRI public data release information for the state of Louisiana.

Chemical Name	Fugitive Air (lbs/yr)	Stack Air (lbs/yr)	Total Air (lbs/yr)	Water (lbs/yr)	Total Releases (lbs/yr)
CFCs:					
1,1-DICHLORO-1-FLUOROETHANE	29,000	91,102	120,102	60	120,162
1-CHLORO-1,1,2,2-TETRAFLUOROETHANE	250	250	500	0	500
2,2-DICHLORO-1,1,1-TRIFLUOROETHANE	8,680	8,000	16,680	250	16,930
2-CHLORO-1,1,1,2-TETRAFLUOROETHANE	20,293	167,550	187,843	250	188,093
CHLORODIFLUOROMETHANE	459,895	275,158	735,053	2,250	737,303
DICHLORODIFLUOROMETHANE	327,524	38,450	365,974	50	366,024
DICHLOROTETRAFLUOROETHANE (CFC-114)	8,250	45,500	53,750	50	53,800
DICHLOROTRIFLUOROETHANE	750	250	1,000	0	1,000
MONOCHLOROPENTAFLUOROETHANE	1,202	881	2,083	50	2,133
TRICHLOROFLUOROMETHANE	72,925	1,061	73,986	25	74,011
Totals for CFCs:	928,769	628,202	1,556,971	2,985	1,559,956
Non-CFCs:					
2,3-DICHLOROPROPENE	46	1	47	0	47
2,6-XYLIDINE	0	1	1	0	1
2-NITROPHENOL	5	33	38	50	88
4,4'-METHYLENEDIANILINE	354	45	399	0	399
4-AMINOAZOBENZENE	0	0	0	0	0
4-AMINOBIHENYL	0	0	0	0	0
ALUMINUM OXIDE (FIBROUS FORMS)	0	128	128	0	128
BENZOYL CHLORIDE	1,300	0	1,300	0	1,300
BIS(2-CHLORO-1-METHYLETHYL) ETHER	110	2,790	2,900	0	2,900
BROMINE	210	0	210	870	1,080
BUTYRALDEHYDE	561	0	561	0	561
CREOSOTE	77,660	64,720	142,380	6,965	149,345

Table A-1.1

Chemical Name	Fugitive Air (lbs/yr)	Stack Air (lbs/yr)	Total Air (lbs/yr)	Water (lbs/yr)	Total Releases (lbs/yr)
DIBENZOFURAN	98	18	116	0	116
DIISOCYANATES	329	999	1,328	0	1,328
DIMETHYLAMINE	48	0	48	0	48
DINITROTOLUENE (MIXED ISOMERS)	1,405	10,601	12,006	279	12,285
HYDROGEN FLUORIDE	32,228	122,488	154,716	255	154,971
N-METHYL-2-PYRROLIDONE	25,697	125,021	150,718	191,557	342,275
OZONE	100	68	168	0	168
PARALDEHYDE	1	0	1	0	1
PENTACHLOROETHANE	1,123	217	1,340	22	1,362
PHENANTHRENE	94	44	138	3	141
PHOSGENE	44	48	92	0	92
PIPERONYL BUTOXIDE	5	5	10	0	10
P-NITROSODIPHENYLAMINE	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS	5,118	4,870	9,988	1,090	11,078
PROPIONALDEHYDE	60	1,470	1,530	0	1,530
Totals for Non-CFCs:	146,596	333,567	480,163	201,091	681,254
Grand Totals:	1,075,365	961,769	2,037,134	204,076	2,241,210

Table A-1.2

A-2. Relative Burden Ratios for 2- and 4-Mile Circles (Basic vs. Enhanced).

Note: Zero emissions facilities, and facilities with an adjusted air emissions total of zero, have been omitted from the table, since obviously a relative burden ratio cannot be calculated.

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
70525CNLRFHWY17	CANAL REFINING CO.	23.9	1.00	0.62	0.52
71463RCHHLHIGHW	ARIZONA CHEMICAL	29.6	1.00	0.77	0.67
70734LLDSGHWY31	ALLIED-SIGNAL INC.	65.4	1.00	1.22	1.12
70346MPRMM39139	AMPRO FERTILIZER INC.	59.6	1.00	0.79	0.67
70734RCDNCHIGHW	ARCADIAN FERTILIZER L.P.	67.0	1.00	1.47	0.72
70734BSFCRRIVER	BASF CORP.	56.6	1.00	1.40	1.21
70734BRDNCLOUIS	BORDEN CHEMICALS & PLASTICS	55.7	1.00	0.82	0.09
70346CFNDSHWY30	CF IND. INC.	59.3	1.00	0.84	0.76
70725DPNTB3460H	DU PONT	65.8	1.00	1.11	0.91
70737LQDCR37274	LIQUID CARBONIC IND. CORP.	35.6	1.00	2.65	1.32
70346MLMNC39041	MELAMINE CHEMICALS INC.	59.6	1.00	0.75	0.61
70734RBCNN9156H	RUBICON INC.	69.5	1.00	1.16	0.55
70737NCLNS3125S	RUST SPECIALITY CHEMICALS	21.4	1.00	1.32	1.19
70737SHLLCRIVER	SHELL CHEMICAL CO.	76.7	1.00	1.35	2.34
70346TRDCH39041	TRIAD CHEMICAL	59.6	1.00	0.74	0.65
70734NNTXSLAHWY	UNION TEXAS PRODS. CORP.	64.4	1.00	1.09	1.07
70734NRYLCPOBOX	UNIROYAL CHEMICAL CO. INC.	57.6	1.00	1.46	0.53
70734VLCNMASHLA	VULCAN MATERIALS CO.	71.9	1.00	1.05	1.55
70391DWCHMLOUIS	DOW CHEMICAL CO.	56.1	1.00	0.87	1.02
70340BKRHGHWY66	ICO INC.	18.4	1.00	0.53	1.35
70381MRNCNSTATI	J. RAY MCDERMOTT INC.	16.4	1.00	0.55	0.95
71350LDRWDHWY11	ELDER WOOD PRESERVING CO. INC.	27.7	1.00	1.19	0.69
70634BSSTHUSHIG	BOISE CASCADE CORP.	1.1	1.00	1.08	0.47
70634WSTVCPOBOX	WESTVACO CORP.	25.9	1.00	1.27	0.84
71001CNGRBHWY80	CONAGRA BROILER CO.	50.0	1.00	3.74	3.29
71001HYNSNPOBOX	HAYNES INTL. INC.	51.3	1.00	1.35	1.31
71006BNTNCHWY3N	BENTON CREOSOTING WORKS	30.6	1.00	3.19	2.22
71067CLMTRHC62B	CALUMET LUBRICANTS CO. L.P.	19.3	1.00	0.78	1.04

Table A-2.1

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
71111HTCRF5007H	HEATCRAFT INC.	16.4	1.00	0.59	0.68
71107JMSRV210KA	JAMES RIVER CORP.	55.1	1.00	1.22	1.14
71107LLYPP740NM	ALLOY PIPING PRODS. INC.	53.9	1.00	1.47	0.65
71109TLSPR3333M	ATLAS PROCESSING CO.	56.0	1.00	1.08	0.65
71106BRDND601BE	BEAIRD INDUSTRIES	27.7	1.00	2.44	1.85
71107CLLWY5677N	CALLAWAY CHEMICAL CO.	59.1	1.00	1.24	0.60
71135FRYMS8700L	FRYMASTER CORP.	28.0	1.00	0.89	0.40
71129GNRLL7000B	GE CO.	29.7	1.00	1.77	3.80
71130TRCKN7600G	GMC	28.5	1.00	1.24	2.18
71129GNBNC6901W	GNB INC. ABD	30.5	1.00	0.66	0.56
71108HCSTL1431W	HICA STEEL FNDY. & UPGRADE CO.	30.8	1.00	1.53	1.34
71109LBBYG4302J	LIBBEY GLASS INC.	58.8	1.00	1.25	0.81
71135LNCRPHIGHW	OLIN CORP.	18.8	1.00	0.76	0.93
71082LYMPCHWY1N	OLYMPIC FASTENERS USA INC.	24.4	1.00	0.31	0.41
71137STLFR1810B	STEEL FORGINGS INC.	66.8	1.00	2.22	2.04
71009PNC HIGHW	UOP	5.1	1.00	0.92	0.55
71082VPNC 680SO	VIVIAN IND. VIP INC.	23.3	1.00	0.43	0.37
70669BLBNC110WE	BIOLAB INC.	21.5	1.00	0.98	1.26
70601CRBLN900OP	CARBOLINE CO.	45.3	1.00	2.89	1.94
70664CRTNTPETEM	CERTAINTEED CORP.	12.1	1.00	1.40	0.67
70602CTGPTHIGHW	CITGO PETROLEUM CORP.	2.4	1.00	0.78	0.70
70669VSTCHOLDSP	CONDEA VISTA CO.	15.0	1.00	2.84	1.98
70669CNCLKOLDSP	CONOCO LAKE CHARLES REFY.	20.7	1.00	1.15	1.13
70602FRSTNLA108	FIRESTONE SYNTHETIC RUBBER	7.6	1.00	0.59	0.85
70602NDSTR5716E	INDUSTRIAL PIPE & PLASTICS	69.7	1.00	0.25	0.47
70669KRNSL3300B	LOUISIANA PIGMENT CO. L.P.	10.5	1.00	0.90	0.96
70602HMNTSLAHWY	MONTELL USA INC.	7.5	1.00	0.91	2.20
70615NRTHR4400L	NORTHROP GRUMMAN	1.3	1.00	0.61	0.36
70602LNCRPI10WE	OLIN CORP.	15.5	1.00	1.11	1.07
70663XYPTRHWY10	OXYCHEM PETROCHEMICALS	8.2	1.00	0.69	0.80
70669PPGNDCOLUM	PPG IND. INC.	12.2	1.00	1.53	0.89
70663RSNSY2885S	RESIN SYS. INC.	6.4	1.00	0.59	1.02

Table A-2.2

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
70669TXSNTCOLUM	TETRA CHEMICALS INC.	14.3	1.00	1.65	1.21
70663WSTLK900HW	WESTLAKE PETROCHEMICALS CORP.	3.1	1.00	0.66	0.60
70663WSTLK3525C	WESTLAKE POLYMERS CORP.	7.8	1.00	0.72	0.77
70663WSTLK900HA	WESTLAKE STYRENE CORP.	3.1	1.00	0.66	0.60
71048CLBRNHWHY23	ARCADIA REFINING CO.	57.2	1.00	2.72	0.83
71371LCNDSJUCTI	ALCOA INDL. CHEMICALS	27.4	1.00	0.55	0.50
71052NTRNTHWHY50	INTERNATIONAL PAPER	56.6	1.00	0.69	0.96
70805LBMRLGULFS	ALBEMARLE CORP.	78.7	1.00	0.99	0.95
70805LLDSGCORNE	ALLIED-SIGNAL INC.	70.0	1.00	1.11	0.65
70807BYCTN12710	BAYOU COATING L.L.C.	66.8	1.00	1.68	1.58
70818BHRNS11212	BEHRNES REPACKERS	13.6	1.00	0.37	1.02
70815DNLLB11150	DANIELL BATTERY MFG. CO. INC.	17.6	1.00	0.82	0.95
70807HCHST11911	DELTECH CORP.	76.3	1.00	2.44	1.14
70821CPLYM5955S	DSM COPOLYMER INC.	81.7	1.00	1.24	1.42
70805XXNCH4999S	EXXON CHEMICAL	79.2	1.00	1.11	1.18
70807XXNCH12480	EXXON CHEMICAL AMERICAS BATON	72.3	1.00	2.77	3.07
70807XXNCH11675	EXXON CHEMICAL CO.	67.2	1.00	2.74	2.64
70805XXNBT4050S	EXXON CO. USA	75.6	1.00	1.10	0.99
70791GRNTCHWHY61	FERRO CORP.	57.8	1.00	0.59	0.41
70805FRMSPGULFS	FORMOSA PLASTICS CORP.	80.9	1.00	0.88	0.77
70791GRGPCZACHA	GEORGIA-PACIFIC CORP.	46.8	1.00	1.52	1.08
70807PTRSN1100M	HI-PORT INC.	81.5	1.00	9.56	6.27
70814BRGSN2667W	MALLINCKRODT VETERINARY	21.5	1.00	0.65	0.68
70807LLDSG12875	PAXON POLYMER CO.	74.9	1.00	1.62	1.70
70821STFFRAIRLI	RHONE-POULENC INC.	81.1	1.00	1.56	1.1
70874SCHYLWESTE	SCHUYLKILL METALS CORP.	69.9	1.00	0.91	1.15
70821STPPCPOBOX	STUPP CORP.	67.4	1.00	2.31	2.28
70821TRNTY6012S	TRINITY MARINE BATON ROUGE	29.9	1.00	0.66	0.84
70586CBTCR412MI	CABOT CORP.	28.8	1.00	0.49	0.56
71295MSTRCINDUS	MASTERCRAFTERS CORP.	44.5	1.00	0.86	0.78
70560BYPPC5310C	BAYOU PIPE COATINGS	30.6	1.00	0.61	0
70560MRTNSHIGHW	MORTON INTL.	2.9	1.00	0	0

Table A-2.3

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
70560PRDVT1218H	PRIDE AVIATION	35.4	1.00	0.85	0.87
70764BGTHRHWY1S	AIR LIQUIDE AMERICA CORP.	52.2	1.00	0.85	0.46
70776RPRDCHIGHW	AIR PRODS. & CHEMICALS INC.	64.4	1.00	0.81	0.67
70764LLMN HWY40	ASHLAND CHEMICAL CO.	52.3	1.00	0.94	1.15
70776CBGGYRIVER	CIBA-GEIGY CORP.	62.7	1.00	3.89	3.37
70721CSMRPLAHWY	COSMAR CO.	64.2	1.00	2.09	1.46
70765THDWCHIGHW	DOW CHEMICAL CO.	43.1	1.00	1.01	0.82
70721FNLCHLAHWY	FINA OIL & CHEMICAL CO.	63.4	1.00	2.46	1.61
70765GRGGLHIGHW	GEORGIA GULF CORP.	52.9	1.00	0.89	0.97
70776GRFBRHWY30	GREIF BROS. CORP.	64.9	1.00	1.42	1.32
70776CMRCS4990B	ICI AMERICAS INC.	64.3	1.00	3.50	3.30
70776STFFRRIVER	PIONEER CHLOR ALKALI CO. INC.	64.8	1.00	2.00	2.24
70776CMRCSRIVER	ZENECA INC.	64.4	1.00	3.66	3.56
71247STNHDMILLS	STONE-HODGE INC.	36.0	1.00	0.78	0.93
70123TLSST223HO	ATLAS STEEL & WIRE CORP.	19.6	1.00	0.50	0.46
70123TLSST325HO	ATLAS STEEL & WIRE CORP.	19.1	1.00	0.49	0.41
70094VNDLN5100R	AVONDALE IND. INC.	21.3	1.00	1.04	0.81
70058BLLNG615DE	BOLLINGER QUICK REPAIR INC.	44.8	1.00	0.70	0.52
70073THCLT7500F	CELOTEX CORP.	46.0	1.00	0.51	0.51
70123CNTNR6000J	CP LOUISIANA INC.	20.1	1.00	0.55	0.56
70094MRCNC10800	CYTEC IND. INC.	26.2	1.00	1.07	0.73
70058VNSCN1255P	EVANS CONTAINER CORP.	44.4	1.00	1.14	1.49
70058VNSCP1255P	EVANS COOPERAGE CO. INC.	40.1	1.00	1.65	3.61
70059GRTNM4640P	GRETNA MACHINE & IRON WORKS	20.5	1.00	1.19	1.04
70058JFFRS1524M	JEFFERSON FIBERGLASS CO. INC.	39.2	1.00	0.70	0.58
70062PLLRN700JA	PELLERIN MILNOR CORP.	11.9	1.00	6.62	4.20
70058FNLCH1401D	SIGMA COATINGS USA B.V.	40.0	1.00	0.90	1.04
70072CHMCM6025R	SUNBELT CHEMICALS INC.	47.1	1.00	1.03	1.65
70058HRVYC12081	TUBOSCOPE VETCO INTL. INC.	42.7	1.00	0.80	0.71
70058WTCCR1805F	WITCO CORP.	47.1	1.00	0.90	0.77
70123DSTNC1320S	WITCO CORP.	14.8	1.00	0.61	0.54
70123XCHMN6120J	X-CHEM INC.	20.3	1.00	0.48	0.45

Table A-2.4

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
71480LSNPC165N	LOUISIANA-PACIFIC CORP.	1.7	1.00	0.82	0.83
70583SGRDN515DE	ESGARD INC.	24.4	1.00	0.40	0.55
70518CHMCL102AB	MARIAH CORP.	10.8	1.00	0.63	0.36
70583SCTTB812RE	NALCO/EXXON ENERGY	33.3	1.00	0.61	0.25
70507LCNTRPONTD	OIL CENTER RESEARCH INC.	47.6	1.00	0.43	0.58
70343CDNSHLAHWY	ACADIAN SHIPYARD INC.	8.1	1.00	0.11	0.11
70373BLLNGLAHWY	BOLLINGER SHIPYARDS INC.	6.4	1.00	0.60	0.67
70374BLLNGLAHWY	BOLLINGER SHIPYARDS INC.	4.6	1.00	0.25	0.20
70374LCKPRHWY30	HALTER MARINE INC.	3.6	1.00	1.50	1.22
70374LCKPR157FR	LOCKPORT THERMOSETS INC.	3.5	1.00	10.38	8.54
70374VLNTNHWY30	NICOLAUS PAPER INC.	2.7	1.00	1.29	0.55
71270STWWD3101M	STOWE WOODWARD CO.	34.3	1.00	0.68	0.36
71270NRHMP600JO	UNR HOME PRODS.	34.8	1.00	1.97	1.44
70727DLTPR9929F	DELTA PROCESS EQUIPMENT INC.	6.4	1.00	1.42	0.89
70726STRLN30113	STARLING INC.	5.7	1.00	1.27	0.67
70726RLPHWHIGHW	WILSONART INTL. DENHAM	8.1	1.00	0.45	0.29
71282CMPLXPOBOX	COMPLEX CHEMICALS CO. INC.	64.4	1.00	0.55	0.64
71220NTRNT705CO	INTERNATIONAL PAPER CO.	43.9	1.00	0.58	0.45
71457CNGRBHWY1B	CONAGRA POULTRY CO.	44.5	1.00	1.38	1.06
71411WLLMTHIGHW	WILLAMETTE IND. INC.	47.2	1.00	0.60	1.39
70129RPRDC14700	AIR PRODS. & CHEMICALS INC.	59.7	1.00	0.64	0.91
70129RCNDS15200	BOC GASES	49.2	1.00	0.85	0.96
70129GLFWR18901	GULF WIRE CORP.	59.7	1.00	0.79	1.11
70129MCHDS13800	MICHOUD ASSEMBLY FACILITY	58.8	1.00	0.81	1.07
70129SPCTR4100M	SPECTRUM CONTROL TECHNOLOGY	62.5	1.00	0.84	1.20
70129NTDST19807	U.S. MARINE INC.	0.5	1.00	0.43	0.63
71280NGSCHLAHWY	ANGUS CHEMICAL CO.	19.2	1.00	0.60	0.68
71203NLNDFI20LO	DELPHI INTERIOR & LIGHTING	17.3	1.00	1.06	0.67
71280MCFRTLLOUIS	KOCH NITROGEN CO.	18.3	1.00	8.63	8.38
71292MNVLL1031J	RIVERWOOD INTL. CORP.	40.4	1.00	0.78	2.47
71291YZVLL520TR	YAZOO VALLEY OIL MILL INC.	4.8	1.00	0.59	0.37
70040MXMTLLAHWY	AMAX METALS RECOVERY INC.	25.5	1.00	0.71	1.47

Table A-2.5

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
70037LLNCRHIGHW	BP OIL CO.	51.8	1.00	0.75	1.80
70037CHVRNHIGHW	CHEVRON CHEMICAL CO.	13.6	1.00	0.69	0.73
70037CHGKP1610E	CHUGOKU PAINT CO. INC.	22.4	1.00	0.90	1.00
70037PRDCT1402B	PRODUCTS RESEARCH SERVICE INC.	14.9	1.00	0.24	0.31
70715NNYPLLA1NO	NAN YA PLASTICS CORP. AMERICA	57.2	1.00	1.64	0.82
71361BKRMN75WAD	BAKER MFG. CO. INC.	46.9	1.00	0.55	0.42
71302BRDNN3901S	BORDEN CHEMICAL INC.	48.7	1.00	2.45	1.93
71360DRWDTWADLE	COLFAX CREOSOTING CO.	46.3	1.00	0.85	0.52
71360DSTRN529CE	DIS-TRAN WOOD PRODS. INC.	11.6	1.00	0.47	0.35
71361CLCTC4507W	ECLECTIC PRODS. INC.	10.4	1.00	0.57	0.49
71361INTRNTWILLI	INTL. PAPER	30.4	1.00	0.20	0.80
71360THPRC3701M	PROCTER & GAMBLE MFG. CO.	11.5	1.00	1.27	1.38
71232TFTNL100TI	TIFTON ALUMINUM CO. INC.	47.0	1.00	0.71	0.74
70143TNNCL500WE	MOBIL OIL CORP.	32.8	1.00	0.61	1.04
70075MRPHY2500E	MURPHY OIL USA INC.	12.1	1.00	0.32	1.83
70047BNGCR12466	BUNGE CORP.	22.9	1.00	1.10	0.92
70057GRCCH7760R	IMC-AGRICO CO.	35.8	1.00	1.32	1.30
70070MNSNTRIVER	MONSANTO CO.	24.1	1.00	1.29	1.42
70057CCDNTLAHWY	OCCIDENTAL CHEMICAL CORP.	35.7	1.00	1.23	1.26
70070CCDNT12501	OCCIDENTAL CHEMICAL CORP.	22.6	1.00	0.74	0.95
70057SHLLCLA18A	SHELL CHEMICAL CO.	35.6	1.00	1.17	0.81
70079SHLLL1205R	SHELL NORCO REFINING CO.	22.7	1.00	0.55	0.37
70079SHLLL265RI	SHELL OIL CO.	27.3	1.00	1.53	2.30
70087HLLPT27009	SHELL OIL CO.	18.1	1.00	5.14	3.43
70057NNCRBHWY31	UNION CARBIDE CORP.	33.1	1.00	1.16	0.82
70057WTCCRIVER	WITCO CORP.	35.5	1.00	1.13	0.76
70441CLLLSHWY43	AMERCHOL CORP.	48.2	1.00	6.16	7.76
70723RPRDCHIGHW	AIR PRODS. & CHEMICALS INC.	68.2	1.00	0.94	0.57
70086CHVRNHWY18	CHEVRON CHEMICAL CO.	73.4	1.00	0.13	0.09
70052CLNLS129FI	COLONIAL SUGARS REFINERY	44.0	1.00	0.79	0.86
70346GRCCHLAHIG	IMC-AGRICO CO.	67.1	1.00	0.89	1.01
70792GRCCEASTB	IMC-AGRICO CO.	66.3	1.00	1.29	1.24

Table A-2.6

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
70052LRCHCPOBOX	LAROCHE IND. INC.	46.0	1.00	1.02	1.27
70723CCDNTHIGHW	OCCIDENTAL CHEMICAL CORP.	85.0	1.00	0.98	0.77
70723TXCRFFOOTO	STAR ENTERPRISE	62.2	1.00	0.91	0.62
70069BYSTLRIVER	BAYOU STEEL CORP.	26.8	1.00	0.75	1.08
70069DPNTPHIGHW	DU PONT PONTCHARTRAIN WORKS	32.8	1.00	1.38	1.14
70051MRTHNHWHY61	MARATHON OIL CO.	51.3	1.00	1.10	1.03
70051MRTHNHWHY6A	MARATHON OIL CO.	55.8	1.00	1.01	1.05
70051NLCCHRIVER	NALCO CHEMICAL CO.	50.5	1.00	1.59	1.18
70084LCLC 430NO	SHELL CHEMICAL	54.7	1.00	0.27	0.34
70750HLLPTHWY10	BASIS PETROLEUM INC.	0.2	1.00	0.07	0.08
70570FMCCRHWY18	FMC CORP.	61.0	1.00	0.61	0.46
70517RYLFB1407A	ROYAL FIBERGLASS POOLS INC.	31.6	1.00	0.85	0.70
70583CBTCRSTATE	CABOT CORP.	46.5	1.00	0.69	0.74
70522CLMBNHIGHW	COLUMBIAN CHEMICALS	24.9	1.00	0.95	0.91
70562SHLND2MILE	DEGUSSA CORP.	45.8	1.00	0.66	0.82
70380MRNSHHIGHW	MARINE SHALE PROCESSORS INC.	15.9	1.00	1.15	1.12
70340MCDRMDEGRA	MCDERMOTT INC.	21.4	1.00	1.03	1.18
70380STMRYCORNE	ST. MARY GALVANIZING CO.	21.7	1.00	0.18	0.58
70340MLCTNHWHY66	TUBOSCOPE VETCO INTL. INC.	21.1	1.00	0.29	0.64
70460LSTCL646CA	LASTEC/LABBCO. OF LOUISIANA	13.5	1.00	1.51	1.39
70448MRBLQ399HW	MARBLE QUARRY INC.	3.9	1.00	0.52	0.41
70452CHMLNI59NO	PEARL RIVER POLYMERS INC.	10.3	1.00	0.28	0.26
70450STHRNHIGHW	SOUTHERN COATINGS INC.	18.6	1.00	0.70	0.90
70447QTBL HWY21	TRINITY MARINE GROUP	6.0	1.00	2.70	1.10
70403TYLRT16152	TAYLORTEC	35.3	1.00	0.75	0.46
70443CLNBC100CA	WATERBURY CO. INC.	28.8	1.00	0.20	0.17
70363HMCTN209EW	TUBOSCOPE VETCO INTL,INC.	25.2	1.00	0.80	1.99
70510CSTLFHWY14	COASTAL FLUID TECHS. INC.	26.2	1.00	0.54	0.44
70510ZPTHYWY333	ZAPATA PROTEIN (USA) INC.	2.9	1.00	0.59	0.69
70427GYLRD420WI	GAYLORD CHEMICAL CORP.	31.4	1.00	0.42	0.36
70427GYLRD4THST	GAYLORD CONTAINER CORP.	31.5	1.00	1.17	1.04
71018KRRMCLA7SO	CALUMET LUBRICANTS CO. L.P.	29.2	1.00	0.50	0.49

Table A-2.7

TRI_ID	FACILITY	%AA	Relative Burden Ratios		
			Basic 2 & 4 Mi	Enhanced 4	Enhanced 2
71075NTRNT2600S	INTERNATIONAL PAPER	26.5	1.00	0.82	0.70
71055RSKNM900ER	RUSKIN MFG.	46.6	1.00	1.01	0.40
70710CCDNTHWY1E	BORDEN CHEMICALS & PLASTICS	30.2	1.00	0.75	1.13
70767DSCVR3502S	DISCOVERY ALUMINAS INC.	83.1	1.00	0.12	0.68
70710CPLYMLOUIS	DSM COPOLYMER INC.	38.3	1.00	0.77	0.96
70767PLCDR1940L	PLACID REFINING CO.	79.7	1.00	0.74	1.93
70710SDRCHPOBOX	SID RICHARDSON CARBON CO.	42.1	1.00	0.89	0.91
70719TRNTY7555C	TRINITY MARINE PORT ALLEN	13.3	1.00	0.68	0.10
70767WSTSD3520S	WESTSIDE GALVANIZING SERVICES	83.1	1.00	0.12	0.68
71483CHMBNHIGHW	NESTE RESINS CORP.	38.1	1.00	0.32	0.27
	Average =	37.4	1.00	1.21	1.13
	Std Dev =		0	1.30	1.13
	Median =		1.00	0.88	0.85

Discussion: Basic method tends to underestimate the burden ratio *for a single site* on average for both 2- and 4-mile circles, but the standard deviation shows that how the basic and enhanced ratios compare is quite variable. Medians show that basic method tends to underestimate the burden ratio more often than overestimate, relative to the enhanced methods.

Table A-2.8

A-3. Toxicity-weighted Emissions by Facility (lbs/yr).

This table presents the 1995 Louisiana TRI air releases, totaled by facility. The data are summarized across multiple chemicals for stack and fugitive releases. The Adjusted values were calculated as described in the text of the review document, by multiplying the release in lb/yr by the chemical-specific toxicity score, and dividing by a constant of 100,000. The total adjusted (toxicity-weighted) fugitive and stack air releases were included in the relative burden analyses by assigning a burden value based on these adjusted releases to the populations of Census blocks surrounding the facilities, and the results totaled across facility universes in three geographic study areas (Table A-5). The data presented in this facility-specific table does not take into account cumulative burdens from multiple proximate facilities.

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
70525CNLRFHWY17	CANAL REFINING CO.	9695	2.99	1502	0.47	11197	3.46
70526CPTLM1125C	CAPITOL MFG. CO.	0	0	0	0	0	0
71463RCHHLHIGHW	ARIZONA CHEMICAL	110	0.01	290	0.01	400	0.02
70734LLDSGHWY31	ALLIED-SIGNAL INC.	20604	0.76	8356	11.85	28960	12.61
70346MPRMM39139	AMPRO FERTILIZER INC.	14496	2.58	94602	4.13	109098	6.70
70734RCDNCHIGHW	ARCADIAN FERTILIZER L.P.	152524	384.17	1432960	624.77	1585484	1008.94
70734BSFCRRIVER	BASF CORP.	214377	236.56	526548	254.20	740925	490.76
70734BRDNCLOUIS	BORDEN CHEMICALS & PLASTICS	138650	259.31	1515201	1907.95	1653851	2167.25
70346CFNDSHWY30	CF IND. INC.	277070	268.44	4681025	798.71	4958095	1067.15
70725DPNTB3460H	DU PONT	604	8.46	52410	733.74	53014	742.20
70737LQDCR37274	LIQUID CARBONIC IND. CORP.	10	0	500	0	510	0
70346MLMNC39041	MELAMINE CHEMICALS INC.	2303	0.41	540173	97.23	542476	97.65
70734LQDCRPOBOX	PRAXAIR/LIQUID CARBONIC	0	0	0	0	0	0
70734RHNPL10810	RHONE-POULENC BASIC CHEMICALS	0	0	0	0	0	0
70734RBCNN9156H	RUBICON INC.	40420	251.47	658192	1659.28	698612	1910.75
70737NCLNS3125S	RUST SPECIALITY CHEMICALS	750	0.45	0	0	750	0.45
70737SHLLCRIVER	SHELL CHEMICAL CO.	25347	33.30	570210	403.83	595557	437.13
70346TRDCH39041	TRIAD CHEMICAL	60441	11.03	3237741	568.70	3298182	579.73
70734NNTXSLAHWY	UNION TEXAS PRODS. CORP.	261650	246.67	18955	6.37	280605	253.04
70734NRYLCPOBOX	UNIROYAL CHEMICAL CO. INC.	110018	121.19	822173	4196.91	932191	4318.10
70734VLCNMASHLA	VULCAN MATERIALS CO.	118883	52.16	193720	132.49	312603	184.65
70391DWCHMLOUIS	DOW CHEMICAL CO.	257	0.02	4761	1.71	5018	1.73

Table A-3.1

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
70391DGSLBHWY10	DUGAS & LEBLANC LTD.	0	0	0	0	0	0
70340BKRHGHWY66	ICO INC.	27680	20.66	0	0	27680	20.66
70381MRNCNSTATI	J. RAY MCDERMOTT INC.	204173	199.21	0	0	204173	199.21
70372SPRMSHWY10	SUPREME SUGAR INC.	0	0	0	0	0	0
71350LDRWDHWY11	ELDER WOOD PRESERVING CO. INC.	15	5.85	15	5.85	30	11.70
70634MPCTC1AMPA	AMPACET CORP.	0	0	1	0	1	0
70634BSSTHUSHIG	BOISE CASCADE CORP.	55063	78.33	1881029	902.46	1936092	980.79
70634NTRNT300PO	INTERNATIONAL PAPER	25000	0	18000	0	43000	0
70634WSTVCPOBOX	WESTVACO CORP.	17078	2.35	69386	187.81	86464	190.15
71001CNGRBHWY80	CONAGRA BROILER CO.	3840	0.69	0	0	3840	0.69
71001CNGRBHWY8A	CONAGRA BROILER CO.	0	0	0	0	0	0
71001HYNSNPOBOX	HAYNES INTL. INC.	0	0	552	0.46	552	0.46
71006BNTNCHWY3N	BENTON CREOSOTING WORKS	181	0.09	162	0.11	343	0.20
71067CLMTRHC62B	CALUMET LUBRICANTS CO. L.P.	1990	358.20	0	0	1990	358.20
71111HTCRF5007H	HEATCRAFT INC.	250	0.04	250	0.04	500	0.07
71107JMSRV210KA	JAMES RIVER CORP.	0	0	1547	0.05	1547	0.05
71111SKYLN1650S	SKYLINE HOMES	0	0	0	0	0	0
71107LLYPP740NM	ALLOY PIPING PRODS. INC.	260	0.01	28500	0.75	28760	0.76
71129RNLD10818	ARNOLD FOREST PRODS. CORP.	0	0	0	0	0	0
71118TTNFR9595M	AT&T	0	0	0	0	0	0
71109TLSPR3333M	ATLAS PROCESSING CO.	138700	12.52	69402	4.24	208102	16.76
71106BRDND601BE	BEAIRD INDUSTRIES	5911	0.27	3940	0.18	9851	0.44
71107CLLWY5677N	CALLAWAY CHEMICAL CO.	75	1.35	0	0	75	1.35
71135FRYMS8700L	FRYMASTER CORP.	260	220.18	260	18.05	520	238.23
71129GNRLL7000B	GE CO.	237	0.60	26036	25.34	26273	25.94
71130TRCKN7600G	GMC	3610	0.38	860570	326.69	864180	327.07
71129GNBNC6901W	GNB INC. ABD	750	256.75	4922	2731.09	5672	2987.84
71108HCSTL1431W	HICA STEEL FNDY. & UPGRADE CO.	0	0	10	4.48	10	4.48
71109LBBYG4302J	LIBBEY GLASS INC.	168	0.01	0	0	168	0.01
71135LNCRPHIGHW	OLIN CORP.	55	0.77	8577	120.08	8632	120.85
71082LYMPCHWY1N	OLYMPIC FASTENERS USA INC.	250	0.13	0	0	250	0.13
71109PNNZL3450H	PENNZOIL PRODS.	0	0	0	0	0	0
71106PRNML223WE	PURINA MILLS INC.	0	0	0	0	0	0

Table A-3.2

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
71137STLFR1810B	STEEL FORGINGS INC.	5	1.80	0	0	5	1.80
71082SPRRTHIGHW	SUPERIOR TIE & TIMBER	33000	0	25000	0	58000	0
71009PNC HIGHW	UOP	22258	4.14	82251	35.47	104509	39.61
71082VPNC 680SO	VIVIAN IND. VIP INC.	3007	0.05	16100	0.29	19107	0.34
71108WSTLN2740V	WESTLAND OIL CO. INC.	0	0	0	0	0	0
70663BGTHRHIGHW	ALAC	0	0	0	0	0	0
70669BLBNCI10WE	BIOLAB INC.	53	0	16747	0.84	16800	0.84
70606CLCSRWESTE	CALCASIEU REFINING CO.	38588	6.38	7040	1.13	45628	7.51
70601CRBLN900OP	CARBOLINE CO.	756	0.02	28701	0.54	29457	0.55
70664CRTNTPETEM	CERTAINTEED CORP.	1600	60.80	2993	28.66	4593	89.46
70602CTGPTHIGHW	CITGO PETROLEUM CORP.	2171835	254.03	258698	232.13	2430533	486.16
70669VSTCHOLDSP	CONDEA VISTA CO.	339639	845.56	162325	214.12	501964	1059.68
70669CNCLKOLDSP	CONOCO LAKE CHARLES REFY.	456082	120.06	71660	57.12	527742	177.17
70602FRSTNLA108	FIRESTONE SYNTHETIC RUBBER	173724	272.09	1985953	223.78	2159677	495.87
70616GLDLN4646H	GOLD LINE REFINING LTD.	0	0	0	0	0	0
70602NDSTR5716E	INDUSTRIAL PIPE & PLASTICS	7000	0.13	0	0	7000	0.13
70605LKCHR3943G	LAKE CHARLES CARBON CO.	250	0	1900	0	2150	0
70669KRNSL3300B	LOUISIANA PIGMENT CO. L.P.	14055	720.72	34903	38.25	48958	758.96
70602HMNTSLAHWY	MONTELL USA INC.	36923	0.32	6685	73.07	43608	73.39
70615NRTHR4400L	NORTHROP GRUMMAN	4480	0.08	0	0	4480	0.08
70602LNCRPI10WE	OLIN CORP.	64852	223.94	106771	1929.00	171623	2152.94
70663XYPTRHWY10	OXYCHEM PETROCHEMICALS	62775	203.66	48267	58.25	111042	261.91
70669PPGNDCOLUM	PPG IND. INC.	180206	244.86	283601	128.57	463807	373.43
70663RSNSY2885S	RESIN SYS. INC.	8468	0.15	0	0	8468	0.15
70669TXSNTCOLUM	TETRA CHEMICALS INC.	1178	1.06	1752	1.58	2930	2.63
70663WRGRCDAVIS	W. R. GRACE & CO.-CONN.	95000	17.10	107300	24.57	202300	41.67
70663WSTLK900HW	WESTLAKE PETROCHEMICALS CORP.	19670	2.48	31	0.02	19701	2.50
70663WSTLK3525C	WESTLAKE POLYMERS CORP.	135432	7.15	452738	4.63	588170	11.78
70663WSTLK900HA	WESTLAKE STYRENE CORP.	2221	0.32	11180	0.56	13401	0.88
70631ZPTHYHC69B	ZAPATA PROTEIN (USA) INC.	0	0	0	0	0	0
71038DMNTDHIGHW	ANSELL EDMONT INDL.	0	0	0	0	0	0
71048CLBRNHWY23	ARCADIA REFINING CO.	2000	0.48	4324	0.96	6324	1.44
71371LCNDSJUCTI	ALCOA INDL. CHEMICALS	105	7.56	53	3.82	158	11.38

Table A-3.3

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
71052CMTBFDESOT	ACME TUBE CO.	0	0	0	0	0	0
71052HNDRXHWY17	HENDRIX MFG. CO. INC.	0	0	0	0	0	0
71052NTRNTHWY50	INTERNATIONAL PAPER	6443	8.92	3183968	222.17	3190411	231.09
71049LSNPCHWY5N	KOPPERS IND. INC.	4300	0	3000	0	7300	0
70805LBMRLGULFS	ALBEMARLE CORP.	13254	0.77	0	0	13254	0.77
70805LLDSGCORNE	ALLIED-SIGNAL INC.	220535	55.45	595273	5.71	815808	61.16
70809GLFCS10000	BATON ROUGE COCA-COLA BOTTLING	0	0	0	0	0	0
70807BYCTN12710	BAYOU COATING L.L.C.	0	0	5	0.01	5	0.01
70818BHRNS11212	BEHRNES REPACKERS	250	0	250	0	500	0.01
70815DNLLB11150	DANIELL BATTERY MFG. CO. INC.	5	5.00	250	250.00	255	255.00
70807HCHST11911	DELTECH CORP.	5593	0.55	168445	29.17	174038	29.72
70821CPLYM5955S	DSM COPOLYMER INC.	29450	415.09	113750	48.30	143200	463.39
70805XXNCH4999S	EXXON CHEMICAL	1461485	1743.14	504448	407.13	1965933	2150.27
70807XXNCH12480	EXXON CHEMICAL AMERICAS BATON	27680	9.88	2976	1.10	30656	10.98
70807XXNCH11675	EXXON CHEMICAL CO.	172300	21.90	1168801	79.72	1341101	101.62
70805XXNBT4050S	EXXON CO. USA	524567	148.34	674306	97.91	1198873	246.24
70791GRNTCHWY61	FERRO CORP.	20334	11.66	8521	6.81	28855	18.47
70805FRMSPGULFS	FORMOSA PLASTICS CORP.	54332	822.65	52019	65.30	106351	887.94
70791GRGPCZACHA	GEORGIA-PACIFIC CORP.	119510	31.91	1827800	811.06	1947310	842.97
70807PTRSN1100M	HI-PORT INC.	5	0	250	0	255	0
70805LRCHCAIRLI	LAROCHE IND. INC.	0	0	0	0	0	0
70814BRGSN2667W	MALLINCKRODT VETERINARY	15	0.02	15	0.02	30	0.03
70807LLDSG12875	PAXON POLYMER CO.	20000	0.20	32000	0.32	52000	0.52
70821STFFRAIRLI	RHONE-POULENC INC.	6389	14.76	50134	578.44	56523	593.20
70874SCHYLWESTE	SCHUYLKILL METALS CORP.	0	0	7510	7510.00	7510	7510.00
70821STPPCPOBOX	STUPP CORP.	71	25.56	0	0	71	25.56
70821TRNTY6012S	TRINITY MARINE BATON ROUGE	24341	6.89	0	0	24341	6.89
70895HNTRZ2612T	ZEP MFG.CO.	0	0	0	0	0	0
70586CBTCR412MI	CABOT CORP.	1000	1.73	4203100	4015.60	4204100	4017.34
70586CMRNRNO6HO	CAMERON	0	0	0	0	0	0
71295MSTRCINDUS	MASTERCRAFTERS CORP.	28781	2.02	80232	1.56	109013	3.58
71467FRMLNABEHA	FARMLAND IND. INC.	74288	13.34	1255010	429.82	1329298	443.16
70560BYPPC5310C	BAYOU PIPE COATINGS	0	0	5	0.01	5	0.01

Table A-3.4

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
70560CJNSGPOBOX	CAJUN SUGAR CO-OP. INC.	0	0	0	0	0	0
70560BRSGRLAHWY	IBERIA SUGAR CO-OP. INC.	0	0	0	0	0	0
70544NTRPRRTE1P	M. A. PATOUT & SON LTD.	0	0	0	0	0	0
70560MRTNSHIGHW	MORTON INTL.	0	0	250	0.23	250	0.23
70560MRTNNHWY83	MORTON INTL.INC.	188	0.04	8	0.01	196	0.05
70560PRDVT1218H	PRIDE AVIATION	0	0	30200	0.77	30200	0.77
70764BGTHRHWWY1S	AIR LIQUIDE AMERICA CORP.	1504	0.11	0	0	1504	0.11
70776RPRDCHIGHW	AIR PRODS. & CHEMICALS INC.	3942	3.02	14903	20.77	18845	23.79
70764LLMN HWY40	ASHLAND CHEMICAL CO.	63000	0.63	105000	1.05	168000	1.68
70776CBGGYRIVER	CIBA-GEIGY CORP.	230244	13.19	156866	22.55	387110	35.74
70788CRTXSPOBOX	CORA TEXAS MFG. CO. INC.	0	0	0	0	0	0
70721CSMRPLAHWY	COSMAR CO.	41453	7.94	188158	11.55	229611	19.49
70765THDWCHIGHW	DOW CHEMICAL CO.	512453	513.57	1309807	2740.53	1822260	3254.10
70721FNLCHLAHWY	FINA OIL & CHEMICAL CO.	4900	0.08	12645	0.23	17545	0.31
70764BFGDRRT988	GEON CO.	0	0	0	0	0	0
70765GRGGLHIGHW	GEORGIA GULF CORP.	324240	433.60	261863	456.62	586103	890.22
70776GRFBRHWY30	GREIF BROS. CORP.	7550	0.10	47024	0.67	54574	0.77
70776CMRCS4990B	ICI AMERICAS INC.	3675	0	4048	0	7723	0.01
70776STFFRRIVER	PIONEER CHLOR ALKALI CO. INC.	460	0.02	2759	74.84	3219	74.86
70776CMRCSRIVER	ZENECA INC.	834	0.39	8389	7.20	9223	7.59
71247STNHDMILLS	STONE-HODGE INC.	5	0	1634600	773.07	1634605	773.07
70123TLSST223HO	ATLAS STEEL & WIRE CORP.	31238	1.41	0	0	31238	1.41
70123TLSST325HO	ATLAS STEEL & WIRE CORP.	69727	3.14	129492	5.83	199219	8.96
70094VNDLN5100R	AVONDALE IND. INC.	60545	491.77	23000	28.43	83545	520.20
70058BLLNG615DE	BOLLINGER QUICK REPAIR INC.	15500	0.04	0	0	15500	0.04
70073THCLT7500F	CELOTEX CORP.	49607	2.23	24321	1.09	73928	3.33
70123CNTNR6000J	CP LOUISIANA INC.	16250	6.89	25418	10.77	41668	17.66
70094MRCNC10800	CYTEC IND. INC.	90519	59.54	530974	797.27	621493	856.81
70001DLTPT3011L	DELTA PETROLEUM CO. INC.	0	0	0	0	0	0
70058VNSCN1255P	EVANS CONTAINER CORP.	10124	2.53	44158	9.35	54282	11.88
70058VNSCP1255P	EVANS COOPERAGE CO. INC.	27647	1.19	138981	16.35	166628	17.54
70059GRTNM4640P	GRETNA MACHINE & IRON WORKS	31400	1.09	0	0	31400	1.09
70058JFFRS1524M	JEFFERSON FIBERGLASS CO. INC.	5337	0.10	0	0	5337	0.10

Table A-3.5

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
70094NWRLN8400R	NEW ORLEANS SHIPYARD	0	0	0	0	0	0
70062PLLRN700JA	PELLERIN MILNOR CORP.	265	94.48	15371	0.04	15636	94.51
70121SHLLL309JE	SHELL OIL CO.	0	0	0	0	0	0
70058FNLCH1401D	SIGMA COATINGS USA B.V.	52213	10.17	723	0.06	52936	10.23
70072CHMCM6025R	SUNBELT CHEMICALS INC.	250	0.01	0	0	250	0.01
70058HRVYC12081	TUBOSCOPE VETCO INTL. INC.	62900	1.94	0	0	62900	1.94
70123WCHMN5734S	WEICHEM INC.	0	0	0	0	0	0
70058WTCCR1805F	WITCO CORP.	12500	0.13	5600	0.06	18100	0.18
70123DSTNC1320S	WITCO CORP.	248	0.70	2429	35.64	2677	36.34
70123XCHMN6120J	X-CHEM INC.	1550	0.01	255	0	1805	0.01
71480LSNPC165N	LOUISIANA-PACIFIC CORP.	0	0	55165	21.17	55165	21.17
70508CDNBT700KA	ACADIANA BOTTLING CO. INC.	0	0	0	0	0	0
70518BKRSN4440H	BAKER HUGHES INTEQ LSC	0	0	0	0	0	0
70583SGRDN515DE	ESGARD INC.	250	0	0	0	250	0
70508HGHSC120SP	HUGHES CHRISTENSEN LAFAYETTE	0	0	0	0	0	0
70518CHMCL102AB	MARIAH CORP.	150	0	76	0	226	0
70583SCTTB812RE	NALCO/EXXON ENERGY	185	0.01	320	0.01	505	0.02
70507LCNTRPONTD	OIL CENTER RESEARCH INC.	2579	250.07	111	0	2690	250.07
70506PRDCT3810C	PRODUCTION EQUIPMENT SERVICE	0	0	0	0	0	0
70343CDNSHLAHWY	ACADIAN SHIPYARD INC.	250	0	250	0	500	0
70373BLLNGLAHWY	BOLLINGER SHIPYARDS INC.	12700	0.03	0	0	12700	0.03
70374BLLNGLAHWY	BOLLINGER SHIPYARDS INC.	11600	0.03	0	0	11600	0.03
70302CLDWLPOBOX	CALDWELL SUGARS CO-OP. INC.	0	0	0	0	0	0
70374LCKPRHWY30	HALTER MARINE INC.	7659	0.07	0	0	7659	0.07
70374LCKPR157FR	LOCKPORT THERMOSETS INC.	750	0.24	5150	2.99	5900	3.23
70374VLNTNHWY30	NICOLAUS PAPER INC.	120	0.11	6600	6.14	6720	6.25
71227CNGB100NO	CONAGRA POULTRY CO.	0	0	0	0	0	0
71275MDSTTLINCO	MID-STATES WOOD PRESERVERS	0	0	0	0	0	0
71270STWWD3101M	STOWE WOODWARD CO.	250	0	250	0	500	0.01
71270NRHMP600JO	UNR HOME PRODS.	250	0.02	250	0.02	500	0.03
70727BRCNEDENC	BERCEN INC.	0	0	0	0	0	0
70727DLTPR9929F	DELTA PROCESS EQUIPMENT INC.	14200	0.26	0	0	14200	0.26
70726STRLN30113	STARLING INC.	750	0.01	750	0.01	1500	0.03

Table A-3.6

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
70726RLPHWHIGHW	WILSONART INTL. DENHAM	2600	0.21	5060	0.38	7660	0.59
71282CMPLXPOBOX	COMPLEX CHEMICALS CO. INC.	500	0.22	500	0.22	1000	0.44
71220NTRNT705CO	INTERNATIONAL PAPER CO.	8320	0.62	1139570	296.13	1147890	296.74
71457CNGRBHWY1B	CONAGRA POULTRY CO.	11178	2.01	0	0	11178	2.01
71411WLLMTHIGHW	WILLAMETTE IND. INC.	13097	0.62	1044001	102.42	1057098	103.04
70129RPRDC14700	AIR PRODS. & CHEMICALS INC.	21400	3.85	61696	3.24	83096	7.09
70129RCNDS15200	BOC GASES	209000	2.09	2300	0.02	211300	2.11
70129GLFWR18901	GULF WIRE CORP.	64659	45.91	0	0	64659	45.91
70053LSNCC1000B	LOUISIANA CCBC LTD.	0	0	0	0	0	0
70125LSNCC1050S	LOUISIANA CCBC LTD.	0	0	0	0	0	0
70129MCHDS13800	MICHOU D ASSEMBLY FACILITY	33548	0.29	31819	0.12	65367	0.41
70129SPCTR4100M	SPECTRUM CONTROL TECHNOLOGY	44368	2.80	1357	0.09	45725	2.88
70129NTDST19807	U.S. MARINE INC.	1993	0.04	0	0	1993	0.04
71280NGSCHLAHWY	ANGUS CHEMICAL CO.	23794	13.57	51356	20.32	75150	33.88
71294BNCRF425BA	BANCROFT BAG INC.	0	0	0	0	0	0
71203NLNDFI20LO	DELPHI INTERIOR & LIGHTING	1109	0.02	0	0	1109	0.02
71280MCFRTLLOUIS	KOCH NITROGEN CO.	16457	2.90	170012	5.13	186469	8.04
71210CHTCC1300H	OUACHITA COCA-COLA BTLG CO.	0	0	0	0	0	0
71292PLYMT601GR	PLYMOUTH TUBE CO.	0	0	0	0	0	0
71292MNVLL1031J	RIVERWOOD INTL. CORP.	9955	7.39	2135000	916.14	2144955	923.53
71291YZVLL520TR	YAZOO VALLEY OIL MILL INC.	160000	14.40	250000	22.50	410000	36.90
70040MXMTLLAHWY	AMAX METALS RECOVERY INC.	115	7.17	8948	631.57	9063	638.74
70037LLNCRHIGHW	BP OIL CO.	189972	3399.29	195601	147.48	385573	3546.77
70037CHVRNHIGHW	CHEVRON CHEMICAL CO.	822	1.28	3556	3.25	4378	4.53
70037CHGKP1610E	CHUGOKU PAINT CO. INC.	37320	152.53	222	0	37542	152.53
70050DYBRKHWY23	DAYBROOK FISHERIES INC.	0	0	0	0	0	0
70037HBSNG2402E	HOBSON GALVANIZING INC.	0	0	0	0	0	0
70037PRDCT1402B	PRODUCTS RESEARCH SERVICE INC.	9927	0.14	0	0	9927	0.14
70715NNYPLLA1NO	NAN YA PLASTICS CORP. AMERICA	20	0.02	0	0	20	0.02
71361BKRMN75WAD	BAKER MFG. CO. INC.	6222	0.11	15290	0.11	21512	0.22
71302BRDNN3901S	BORDEN CHEMICAL INC.	505	0.23	5550	1.76	6055	1.99
71360DRWDTWADLE	COLFAX CREOSOTING CO.	10265	0.01	11125	0.01	21390	0.02
71360DSTRN529CE	DIS-TRAN WOOD PRODS. INC.	5	0.01	5	0.01	10	0.02

Table A-3.7

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
71301DRWDT1KOPP	DURAWOOD TREATING CO.	5100	0	7600	0	12700	0
71361CLCTC4507W	ECLECTIC PRODS. INC.	290	0.07	468	0.11	758	0.18
71361INTRNTWILLI	INTL. PAPER	723608	143.51	768500	132.49	1492108	276.00
71360THPRC3701M	PROCTER & GAMBLE MFG. CO.	370	5.18	0	0	370	5.18
71361WLLMT4502I	WILLAMETTE VALLEY CO.	9	0	12	0	21	0
71019STRSM2415R	SUNBEAM HOUSEHOLD PRODUCTS	0	0	0	0	0	0
71232TFTNL100TI	TIFTON ALUMINUM CO. INC.	80	0.08	7	0	87	0.08
71449CNGRB100MC	CONAGRA POULTRY CO.	0	0	0	0	0	0
70032MSTRS7417N	DOMINO SUGAR CORP.	0	0	0	0	0	0
70143TNNCL500WE	MOBIL OIL CORP.	255882	36.69	216401	12.77	472283	49.46
70075MRPHY2500E	MURPHY OIL USA INC.	97352	10.80	197697	33.33	295049	44.13
70079RLQDMCEDAR	AIR LIQUIDE AMERICA CORP.	0	0	229	0.04	229	0.04
70047BNGCR12466	BUNGE CORP.	52080	4.69	158720	14.28	210800	18.97
70087DLTPT10352	DELTA PETROLEUM CO. INC.	1	0	14	0	15	0
70057GRCCH7760R	IMC-AGRICO CO.	755	0.14	165000	29.70	165755	29.84
70070MNSNTRIVER	MONSANTO CO.	18333	41.34	47988	25.84	66321	67.19
70057CCDNTLAHWY	OCCIDENTAL CHEMICAL CORP.	344	0.11	305	0.09	649	0.20
70070CCDNT12501	OCCIDENTAL CHEMICAL CORP.	2702	0.14	101028	16.54	103730	16.68
70057SHLLCLA18A	SHELL CHEMICAL CO.	173	0	297	0	470	0
70079SHLLL1205R	SHELL NORCO REFINING CO.	1520586	2871.09	872535	1111.65	2393121	3982.74
70079SHLLL265RI	SHELL OIL CO.	286166	2879.88	237977	403.79	524143	3283.68
70087HLLPT27009	SHELL OIL CO.	2480	0.26	1764	0.19	4244	0.45
70047TRNSM14902	TRANSAMERICA REFINING CORP.	0	0	0	0	0	0
70057NNCRBHWY31	UNION CARBIDE CORP.	666854	9720.52	678887	1202.78	1345741	10923.30
70057WTCCRIVER	WITCO CORP.	3013	0.82	12812	1.45	15825	2.27
70441CLLLSHWY43	AMERCHOL CORP.	8200	0.02	0	0	8200	0.02
70723RPRDCHIGHW	AIR PRODS. & CHEMICALS INC.	428	0	0	0	428	0
70086CHVRNHWY18	CHEVRON CHEMICAL CO.	9985	4.00	109700	8.05	119685	12.05
70052CLNLS129FI	COLONIAL SUGARS REFINERY	250	0.01	0	0	250	0.01
70346GRCCHLAHIG	IMC-AGRICO CO.	6773	4.84	6652472	2108.00	6659245	2112.83
70792GRCHEASTB	IMC-AGRICO CO.	1197	3.67	219528	3022.69	220725	3026.36
70052KSRLMAIRLI	KAISER ALUMINUM & CHEMICAL	0	0	0	0	0	0
70052LRCHCPOBOX	LAROCHE IND. INC.	94805	0.28	218167	180.07	312972	180.34

Table A-3.8

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
70723CCDNTHIGHW	OCCIDENTAL CHEMICAL CORP.	9231	16.89	5238	6.50	14462	23.40
70086STJMSPOBOX	ST. JAMES SUGAR CO-OP INC.	0	0	0	0	0	0
70723TXCRFFOOTO	STAR ENTERPRISE	148906	5.14	44027	45.09	192933	50.24
70069BYSTLRIVER	BAYOU STEEL CORP.	14024	2066.19	7136	1051.28	21160	3117.46
70084BTZLB500RO	BETZ LABS. INC.	0	0	0	0	0	0
70084DTCHM534WE	DATAHEM INC.	0	0	0	0	0	0
70084DLTBV383W1	DELTA BEVERAGE GROUP INC.	0	0	0	0	0	0
70069DPNTPHIGHW	DU PONT PONTCHARTRAIN WORKS	16833	117.55	582664	1996.05	599497	2113.59
70084JNSCH520WE	JONES CHEMICALS INC.	0	0	9	0	9	0
70051MRTHNHWY61	MARATHON OIL CO.	42171	14.98	121856	6.14	164027	21.12
70051MRTHNHWY6A	MARATHON OIL CO.	24	0.01	711	0.16	735	0.17
70051NLCCHRIVER	NALCO CHEMICAL CO.	5639	103.08	3029	53.34	8668	156.42
70084LCLC 430NO	SHELL CHEMICAL	10	0.10	2518	48.08	2528	48.18
70750HLLPTHWY10	BASIS PETROLEUM INC.	353986	84.62	100652	75.45	454638	160.07
70570FMCCRHWY18	FMC CORP.	250	0.25	1500	1.50	1750	1.75
70571SLCDBPOBOX	SILCO	0	0	0	0	0	0
70570LNFDS731NR	WILSEY FOODS	0	0	0	0	0	0
70517CRGLLLAHWY	CARGILL INC.	0	0	5	0	5	0
70517BRXBRPOBOX	LOUISIANA SUGARCANE COOP.	0	0	0	0	0	0
70517RYLFB1407A	ROYAL FIBERGLASS POOLS INC.	20069	0.36	0	0	20069	0.36
70583CBTCRSTATE	CABOT CORP.	1000	1.73	4743921	5451.63	4744921	5453.37
70522CLMBNHIGHW	COLUMBIAN CHEMICALS	0	0	1100000	168.44	1100000	168.44
70562SHLND2MILE	DEGUSSA CORP.	0	0	2570000	644.50	2570000	644.50
70380MRNSHHIGHW	MARINE SHALE PROCESSORS INC.	11	0	317405	503.80	317405	503.80
70340MCDRMDEGRA	MCDERMOTT INC.	48817	33.82	0	0	48817	33.82
70380STMRYCORNE	ST. MARY GALVANIZING CO.	2860	0.05	0	0	2860	0.05
70544STMRYPOBOX	ST. MARY SUGAR CO-OP. INC.	0	0	0	0	0	0
70538STRLNSTERL	STERLING SUGARS INC.	0	0	0	0	0	0
70340MLCTNHWY66	TUBOSCOPE VETCO INTL. INC.	26364	3.30	0	0	26364	3.30
70460LSTCL646CA	LASTEC/LABBCO. OF LOUISIANA	505	0.06	0	0	505	0.06
70448MRBLQ399HW	MARBLE QUARRY INC.	1220	0.02	812	0.01	2032	0.04
70452CHMLNI59NO	PEARL RIVER POLYMERS INC.	1755	14.48	755	4.96	2510	19.44
70450STHRNHIGHW	SOUTHERN COATINGS INC.	4050	0.10	760	0.01	4810	0.11

Table A-3.9

TRI_ID	FACILITY	FUGITIVE_AIR	ADJ FUG AIR	STACK_AIR	ADJ STACK	TOT AIR	ADJ TOT AIR
70447QTBL HWY21	TRINITY MARINE GROUP	19833	0.19	0	0	19833	0.19
70446JCMBSRTE1B	JOE COOMBS CLASSICS INC.	0	0	0	0	0	0
70444GLFDRPOBOX	MID-AMERICA DAIRYMEN INC.	0	0	0	0	0	0
70456PRNMLHWY51	PURINA MILLS INC.	0	0	0	0	0	0
70403TYLRT16152	TAYLORTEC	116183	3.79	0	0	116183	3.79
70443CLNBC100CA	WATERBURY CO. INC.	25	0	1795	0.03	1820	0.03
70363HMCTN209EW	TUBOSCOPE VETCO INTL,INC.	5320	0.10	0	0	5320	0.10
70510CSTLFHWY14	COASTAL FLUID TECHS. INC.	166	0	178	0	344	0
70510ZPTHYWY333	ZAPATA PROTEIN (USA) INC.	32000	5.76	0	0	32000	5.76
70427GYLRD420WI	GAYLORD CHEMICAL CORP.	1681	1.67	2	0	1683	1.67
70427GYLRD4THST	GAYLORD CONTAINER CORP.	58454	0.67	1520267	1234.18	1578721	1234.85
70438DRYMN21155	MID-AMERICA DAIRYMEN INC.	0	0	0	0	0	0
71018KRRMCLA7SO	CALUMET LUBRICANTS CO. L.P.	1642	0.39	2463	0.47	4105	0.86
71075NTRNT2600S	INTERNATIONAL PAPER	0	0	84155	71.76	84155	71.76
71055RSKNM900ER	RUSKIN MFG.	765	255.36	17000	0.04	17765	255.41
70710CCDNTHWY1E	BORDEN CHEMICALS & PLASTICS	2852	75.74	21864	170.69	24716	246.43
70767CSTRL1981S	CASTROL N.A. AUTOMATIVE INC.	0	0	0	0	0	0
70767DSCVR3502S	DISCOVERY ALUMINAS INC.	39	3.05	202	16.01	241	19.06
70710CPLYMLOUIS	DSM COPOLYMER INC.	266500	17.91	337650	33.69	604150	51.59
70767XXNPR2230H	EXXON	0	0	0	0	0	0
70719HRRYL5133S	HARRY L. LAWS & CO. INC.	0	0	0	0	0	0
70767PLCDR1940L	PLACID REFINING CO.	2739	0.23	4546	0.48	7285	0.71
70710SDRCHPOBOX	SID RICHARDSON CARBON CO.	255	0.01	485670	107.67	485925	107.69
70719TRNTY7555C	TRINITY MARINE PORT ALLEN	8750	0.02	0	0	8750	0.02
70767WSTSD3520S	WESTSIDE GALVANIZING SERVICES	2399	5.04	0	0	2399	5.04
70775JMSRVENDOF	CROWN PAPER CO.	10605	10.60	773000	2957.06	783605	2967.66
71483LLBRWTHOMA	L. L. BREWTON LUMBER CO. INC.	0	0	0	0	0	0
71483CHMBNHHGW	NESTE RESINS CORP.	675	0.24	149573	6.45	150248	6.68
Grand Total		16,271,381	33,503.30	68,570,122	63,503.06	84,841,485	97,006.36

Table A-3.10

A-4. Population Size and Composition for 314 TRI Facilities in Louisiana.

This table presents the size and racial composition of populations surrounding facilities which reported under TRI in 1995, for 2- and 4-mile radii. The African-American population counts are presented in the column labeled "AA" and the non-African-American population counts are presented in the column labeled "NAA." These estimates were derived using a geographic information system which tabulated the 1990 population of proximate Census blocks.

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD008181174	70525CNLRFHWY17	CANAL REFINING CO.	ACADIA	8230	1970	6260	5378	1468	3910
LAD020866547	70526CPTLM1125C	CAPITOL MFG. CO.	ACADIA	17407	4653	12754	10506	4451	6055
LAD070132717	71463RCHHLHIGHW	ARIZONA CHEMICAL	ALLEN	8132	2407	5725	6082	2006	4076
LAD041519067	70734LLDSGHWY31	ALLIED-SIGNAL INC.	ASCENSION	4004	2621	1383	237	165	72
LAD098166960	70346MPRMM39139	AMPRO FERTILIZER INC.	ASCENSION	11440	6825	4615	1530	564	966
LAD980875934	70734RCDNCHIGHW	ARCADIAN FERTILIZER L.P.	ASCENSION	3368	2258	1110	212	190	22
LAD985176205	70734BSFCRRIVER	BASF CORP.	ASCENSION	5263	2968	2295	297	231	66
LAD003913449	70734BRDNCLOUIS	BORDEN CHEMICALS & PLASTICS	ASCENSION	3472	1941	1531	355	308	47
LAD985200989	70346CFNDSHWY30	CF IND. INC.	ASCENSION	11528	6839	4689	2618	1279	1339
LAD980622112	70725DPNTB3460H	DU PONT	ASCENSION	3523	2315	1208	686	522	164
LAD985173905	70737LQDCR37274	LIQUID CARBONIC IND. CORP.	ASCENSION	8902	3166	5736	1228	953	275
LAD055023238	70346MLMNC39041	MELAMINE CHEMICALS INC.	ASCENSION	11419	6809	4610	2271	998	1273
LAD048104608	70734LQDCRPOBOX	PRAXAIR/LIQUID CARBONIC	ASCENSION	2248	1644	604	215	155	60
LAD985192764	70734RHNPL10810	RHONE-POULENC BASIC CHEMICALS	ASCENSION	3040	2084	956	214	188	26
LAD008213191	70734RBCNN9156H	RUBICON INC.	ASCENSION	2759	1924	835	211	154	57
LA0000896241	70737NCLNS3125S	RUST SPECIALITY CHEMICALS	ASCENSION	16016	3435	12581	6038	1392	4646
LAD003913183	70737SHLLCRIVER	SHELL CHEMICAL CO.	ASCENSION	2018	1548	470	174	148	26
LAD049047038	70346TRDCH39041	TRIAD CHEMICAL	ASCENSION	11456	6824	4632	2418	1070	1348
LAD981149750	70734NNTXSLAHWY	UNION TEXAS PRODS. CORP.	ASCENSION	4063	2617	1446	247	143	104
LAD008194060	70734NRYLCPOBOX	UNIROYAL CHEMICAL CO. INC.	ASCENSION	3750	2163	1587	369	312	57
LAD092681824	70734VLCNMASHLA	VULCAN MATERIALS CO.	ASCENSION	3929	2820	1109	107	72	35
LAD000803296	70391DWCHMLOUIS	DOW CHEMICAL CO.	ASSUMPTION	4668	2625	2043	648	320	328
LAD008190415	70391DGSLBHWY10	DUGAS & LEBLANC LTD.	ASSUMPTION	6564	3488	3076	1371	609	762
LAD980748859	70340BKRHGHWY66	ICO INC.	ASSUMPTION	3958	731	3227	2659	187	2472
LAD000740738	70381MRNCNSTATI	J. RAY MCDERMOTT INC.	ASSUMPTION	3613	596	3017	2539	212	2327
LAD985168061	70372SPRMSHWY10	SUPREME SUGAR INC.	ASSUMPTION	5332	2186	3146	2603	1472	1131

Table A-4.1

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD083451856	71350LDRWDHWY11	ELDER WOOD PRESERVING CO. INC.	AVOYELLES	5344	1479	3865	2083	876	1207
LAD096603469	70634MPCTC1AMPA	AMPACET CORP.	BEAUREGARD	15291	3740	11551	7879	2693	5186
LAD045756996	70634BSSTHUSHIG	BOISE CASCADE CORP.	BEAUREGARD	829	9	820	288	7	281
LAD008077315	70634NTRNT300PO	INTERNATIONAL PAPER	BEAUREGARD	14349	3679	10670	7758	3204	4554
LAD010390599	70634WSTVCPOBOX	WESTVACO CORP.	BEAUREGARD	13904	3612	10292	6825	2742	4083
LAD981899008	71001CNGRBHWY80	CONAGRA BROILER CO.	BIENVILLE	4223	2111	2112	3098	1784	1314
LAD981899008	71001CNGRBHWY8A	CONAGRA BROILER CO.	BIENVILLE	4276	2158	2118	422	87	335
LAD081654295	71001HYNSNPOBOX	HAYNES INTL. INC.	BIENVILLE	4108	2108	2000	2732	1635	1097
LAD008056632	71006BNTNCHWY3N	BENTON CREOSOTING WORKS	BOSSIER	3985	1221	2764	2467	1007	1460
LAD008054934	71067CLMTRHC62B	CALUMET LUBRICANTS CO. L.P.	BOSSIER	7466	1439	6027	1800	233	1567
LAD059551192	71111HTCRF5007H	HEATCRAFT INC.	BOSSIER	31191	5128	26063	6914	916	5998
LAD067023333	71107JMSRV210KA	JAMES RIVER CORP.	BOSSIER	77165	42485	34680	12165	9242	2923
NA	71111SKYLN1650S	SKYLINE HOMES	BOSSIER	39604	7811	31793	8134	1646	6488
LAT000618520	71107LLYPP740NM	ALLOY PIPING PRODS. INC.	CADDO	87818	47313	40505	17029	14006	3023
LAD985214972	71129RNLDLDF10818	ARNOLD FOREST PRODS. CORP.	CADDO	2355	795	1560	552	112	440
LAD001809896	71118TTNFR9595M	AT&T	CADDO	41652	5032	36620	20582	1048	19534
LAD008052334	71109TLSPR3333M	ATLAS PROCESSING CO.	CADDO	115378	64680	50698	41512	28283	13229
LAD147729966	71106BRDND601BE	BEAIRD INDUSTRIES	CADDO	81980	22291	59689	18421	8571	9850
LAD985214980	71107CLLWY5677N	CALLAWAY CHEMICAL CO.	CADDO	20173	11928	8245	6276	5134	1142
LAD981903487	71135FRYMS8700L	FRYMASTER CORP.	CADDO	85183	23457	61726	23063	10725	12338
LAD043197284	71129GNRLL7000B	GE CO.	CADDO	18480	5490	12990	2558	696	1862
LAD089317341	71130TRCKN7600G	GMC	CADDO	15242	4347	10895	2666	673	1993
LAD058530510	71129GNBNC6901W	GNB INC. ABD	CADDO	22463	6847	15616	8990	2703	6287
LAD008408437	71108HCSTL1431W	HICA STEEL FNDY. & UPGRADE CO.	CADDO	85018	25729	59289	21830	8301	13529
LAD008050726	71109LBBYG4302J	LIBBEY GLASS INC.	CADDO	105412	61959	43453	40936	29284	11652
LAD052528965	71135LNCRPHIGHW	OLIN CORP.	CADDO	1375	260	1115	149	14	135
LAD000757328	71082LYMPCHWY1N	OLYMPIC FASTENERS USA INC.	CADDO	5373	1310	4063	1519	47	1472
LAD985174234	71109PNNZL3450H	PENNZOIL PRODS.	CADDO	110932	60676	50256	37180	24572	12608
LAD008050965	71106PRNML223WE	PURINA MILLS INC.	CADDO	128854	59196	69658	41149	20614	20535
LAD985174382	71137STLFR1810B	STEEL FORGINGS INC.	CADDO	59554	39791	19763	7484	5682	1802
LAD980622054	71082SPRRTHIGHW	SUPERIOR TIE & TIMBER	CADDO	4265	1163	3102	173	24	149
LAD057109449	71009PNC HIGHW	UOP	CADDO	5140	261	4879	1070	84	986

Table A-4.2

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD047536560	71082VPNC 680SO	VIVIAN IND. VIP INC.	CADDO	5354	1246	4108	4348	1136	3212
LAD038802922	71108WSTLN2740V	WESTLAND OIL CO. INC.	CADDO	107795	45829	61966	32940	17777	15163
LAD000632950	70663BGTHRHIGHW	ALAC	CALCASIEU	25650	832	24818	7924	104	7820
NA	70669BLBNCI10WE	BIOLAB INC.	CALCASIEU	37026	8027	28999	5387	1059	4328
LAD099393225	70606CLCSRWESTE	CALCASIEU REFINING CO.	CALCASIEU	4418	141	4277	194	0	194
LAD008103111	70601CRBLN900OP	CARBOLINE CO.	CALCASIEU	64527	29306	35221	21974	16354	5620
LAD040332025	70664CRTNTPETEM	CERTAINTeed CORP.	CALCASIEU	24963	3029	21934	4486	1491	2995
LAD008080350	70602CTGPTHIGHW	CITGO PETROLEUM CORP.	CALCASIEU	18850	445	18405	667	1	666
LAD086478047	70669VSTCHOLDSP	CONDEA VISTA CO.	CALCASIEU	17693	2657	15036	7163	1894	5269
LAD990683716	70669CNCLKOLDSP	CONOCO LAKE CHARLES REFY.	CALCASIEU	28097	5857	22240	6611	1496	5115
LAD008073439	70602FRSTNLA108	FIRESTONE SYNTHETIC RUBBER	CALCASIEU	24606	1878	22728	6374	111	6263
LAD092476126	70616GLDLN4646H	GOLD LINE REFINING LTD.	CALCASIEU	26848	18250	8598	4830	3514	1316
LAD985171941	70602NDSTR5716E	INDUSTRIAL PIPE & PLASTICS	CALCASIEU	29420	20523	8897	2587	1086	1501
LAD083469270	70605LKCHR3943G	LAKE CHARLES CARBON CO.	CALCASIEU	4371	157	4214	272	1	271
LAD985185149	70669KRNSL3300B	LOUISIANA PIGMENT CO. L.P.	CALCASIEU	21872	2270	19602	1661	20	1641
LAD008080541	70602HMNTSLAHWY	MONTELL USA INC.	CALCASIEU	21842	1642	20200	1123	2	1121
LAD985218742	70615NRTHR4400L	NORTHROP GRUMMAN	CALCASIEU	1270	16	1254	341	7	334
LAD008080681	70602LNCRPI10WE	OLIN CORP.	CALCASIEU	38801	6034	32767	1834	502	1332
LAD981052376	70663XYPTRHWY10	OXYCHEM PETROCHEMICALS	CALCASIEU	23310	1907	21403	3808	39	3769
LAD982296428	70669PPGNDCOLUM	PPG IND. INC.	CALCASIEU	28316	3454	24862	2563	940	1623
LAD985214915	70663RSNSY2885S	RESIN SYS. INC.	CALCASIEU	26782	1726	25056	12881	441	12440
LAD985169523	70669TXSNTCOLUM	TETRA CHEMICALS INC.	CALCASIEU	27400	3921	23479	5164	1800	3364
LAD008080434	70663WRGRCDAVIS	W. R. GRACE & CO.-CONN.	CALCASIEU	5677	77	5600	431	0	431
LAD985184761	70663WSTLK900HW	WESTLAKE PETROCHEMICALS CORP.	CALCASIEU	19109	582	18527	2372	22	2350
LAD981522048	70663WSTLK3525C	WESTLAKE POLYMERS CORP.	CALCASIEU	22773	1782	20991	2424	21	2403
LAD985213313	70663WSTLK900HA	WESTLAKE STYRENE CORP.	CALCASIEU	19109	582	18527	2372	22	2350
LAD062111489	70631ZPTHYHC69B	ZAPATA PROTEIN (USA) INC.	CAMERON	1516	228	1288	502	26	476
LAD039133632	71038DMNTDHIGHW	ANSELL EDMONT INDL.	CLAIBORNE	3458	1181	2277	2877	1067	1810
LAD043193374	71048CLBRNHWY23	ARCADIA REFINING CO.	CLAIBORNE	555	317	238	217	181	36
LAD040718694	71371LCNDSJUCTI	ALCOA INDL. CHEMICALS	CONCORDIA	6886	1885	5001	5168	1470	3698
LA0000889840	71052CMTBFDESOT	ACME TUBE CO.	DE SOTO	3212	1477	1735	279	138	141
LAD008052631	71052HNDRXHWY17	HENDRIX MFG. CO. INC.	DE SOTO	9288	5531	3757	7777	4999	2778

Table A-4.3

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD000631630	71052NTRNTHWY50	INTERNATIONAL PAPER	DE SOTO	296	167	129	84	33	51
LAD982298143	71049LSNPCHWY5N	KOPPERS IND. INC.	DE SOTO	2734	965	1769	1074	648	426
LAD000757286	70805LBMRLGULFS	ALBEMARLE CORP.	E BATON ROUGE	101792	80118	21674	18633	15723	2910
LAD000802868	70805LLDSGCORNE	ALLIED-SIGNAL INC.	E BATON ROUGE	103617	72609	31008	20243	16800	3443
LAD008180689	70809GLFCS10000	BATON ROUGE COCA-COLA BOTTLING	E BATON ROUGE	108074	14970	93104	32168	2115	30053
NA	70807BYCTN12710	BAYOU COATING L.L.C.	E BATON ROUGE	41950	28011	13939	11289	7928	3361
LAD985174267	70818BHRNS11212	BEHRNES REPACKERS	E BATON ROUGE	28204	3835	24369	7209	112	7097
LAD008181349	70815DNLLB11150	DANIELL BATTERY MFG. CO. INC.	E BATON ROUGE	91490	16187	75303	30158	4198	25960
LAD008188583	70807HCHST11911	DELTECH CORP.	E BATON ROUGE	35022	26704	8318	10137	10106	31
LAD008182990	70821CPLYM5955S	DSM COPOLYMER INC.	E BATON ROUGE	96274	78678	17596	22908	18648	4260
LAD000812818	70805XXNCH4999S	EXXON CHEMICAL	E BATON ROUGE	105245	83442	21803	25047	19806	5241
LAD084662535	70807XXNCH12480	EXXON CHEMICAL AMERICAS BATON	E BATON ROUGE	37925	27407	10518	10151	9646	505
LAD000778381	70807XXNCH11675	EXXON CHEMICAL CO.	E BATON ROUGE	51278	34476	16802	16652	13372	3280
LAD062662887	70805XXNBT4050S	EXXON CO. USA	E BATON ROUGE	110102	83267	26835	20886	17872	3014
LAD092104389	70791GRNTCHWY61	FERRO CORP.	E BATON ROUGE	4813	2777	2036	416	176	240
LAD041224932	70805FRMSPGULFS	FORMOSA PLASTICS CORP.	E BATON ROUGE	86626	70142	16484	12290	11117	1173
LAD062643853	70791GRGPCZACHA	GEORGIA-PACIFIC CORP.	E BATON ROUGE	2248	1053	1195	366	263	103
LAD034174300	70807PTRSN1100M	HI-PORT INC.	E BATON ROUGE	83227	67861	15366	21165	18974	2191
LAD008187692	70805LRCHCAIRLI	LAROCHE IND. INC.	E BATON ROUGE	65808	53253	12555	19144	18586	558
LAD980810212	70814BRGSN2667W	MALLINCKRODT VETERINARY	E BATON ROUGE	96180	20780	75400	29293	4598	24695
LAD096947411	70807LLDSG12875	PAXON POLYMER CO.	E BATON ROUGE	32662	24444	8218	4861	4615	246
LAD008161234	70821STFFRAIRLI	RHONE-POULENC INC.	E BATON ROUGE	71909	58314	13595	18079	17358	721
LAD008184137	70874SCHYLWESTE	SCHUYLKILL METALS CORP.	E BATON ROUGE	3393	2359	1034	116	47	69
LAD006299838	70821STPPCPOBOX	STUPP CORP.	E BATON ROUGE	48418	32609	15809	15235	11621	3614
LAD055018717	70821TRNTY6012S	TRINITY MARINE BATON ROUGE	E BATON ROUGE	35816	10661	25155	4631	1114	3517
LAD990885196	70895HNTRZ2612T	ZEP MFG.CO.	E BATON ROUGE	97267	21450	75817	29374	4581	24793
LAD008157661	70586CBTCR412MI	CABOT CORP.	EVANGELINE	5010	1440	3570	569	71	498
LAD980868509	70586CMRNRNO6HO	CAMERON	EVANGELINE	13775	5359	8416	2441	943	1498
LAD069734432	71295MSTRCINDUS	MASTERCRAFTERS CORP.	FRANKLIN	8898	3954	4944	6604	3145	3459
LAD081642571	71467FRMLNABEHA	FARMLAND IND. INC.	GRANT	1780	0	1780	269	0	269
NA	70560BYPPC5310C	BAYOU PIPE COATINGS	IBERIA	22874	6917	15957	1832	198	1634
LAD008472979	70560CJNSGPOBOX	CAJUN SUGAR CO-OP. INC.	IBERIA	21872	4256	17616	3533	693	2840

Table A-4.4

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD008161317	70560BRSGRLAHWY	IBERIA SUGAR CO-OP. INC.	IBERIA	35678	11208	24470	12383	6617	5766
LAD008172157	70544NTRPRRTE1P	M. A. PATOUT & SON LTD.	IBERIA	10469	5094	5375	1108	523	585
LAD059122077	70560MRTNSHIGHW	MORTON INTL.	IBERIA	186	5	181	0	0	0
LAD981915978	70560MRTNNHWY83	MORTON INTL.INC.	IBERIA	197	6	191	2	0	2
LAD985176007	70560PRDVT1218H	PRIDE AVIATION	IBERIA	25459	8994	16465	617	65	552
LAD000632893	70764BGTHRHWHY1S	AIR LIQUIDE AMERICA CORP.	IBERVILLE	9689	5053	4636	180	70	110
LAD085551877	70776RPRDCHIGHW	AIR PRODS. & CHEMICALS INC.	IBERVILLE	4118	2654	1464	2286	1546	740
LAD081419418	70764LLMN HWY40	ASHLAND CHEMICAL CO.	IBERVILLE	8240	4320	3920	214	81	133
LAD053783445	70776CBGGYRIVER	CIBA-GEIGY CORP.	IBERVILLE	3497	2194	1303	1291	959	332
LAD008159741	70788CRTXSPOBOX	CORA TEXAS MFG. CO. INC.	IBERVILLE	4454	2641	1813	2843	1766	1077
LAD020877361	70721CSMRPLAHWY	COSMAR CO.	IBERVILLE	3570	2293	1277	451	386	65
LA0000896258	70765THDWCHIGHW	DOW CHEMICAL CO.	IBERVILLE	14742	6349	8393	2252	966	1286
LAD980875603	70721FNLCHLAHWY	FINA OIL & CHEMICAL CO.	IBERVILLE	3559	2256	1303	526	446	80
LAD048811442	70764BFGDRRT988	GEON CO.	IBERVILLE	14440	6284	8156	2279	949	1330
LAD057117434	70765GRGGLHIGHW	GEORGIA GULF CORP.	IBERVILLE	11227	5946	5281	335	54	281
LAD980812705	70776GRFBRHWY30	GREIF BROS. CORP.	IBERVILLE	3681	2390	1291	1788	1253	535
LAD980627061	70776CMRCS4990B	ICI AMERICAS INC.	IBERVILLE	4017	2582	1435	1348	1019	329
LAD062666540	70776STFFRRIVER	PIONEER CHLOR ALKALI CO. INC.	IBERVILLE	4114	2671	1443	1353	1013	340
LAD980627061	70776CMRCSRIVER	ZENECA INC.	IBERVILLE	4072	2621	1451	1289	998	291
LAD103979092	71247STNHDMILLS	STONE-HODGE INC.	JACKSON	8507	3063	5444	2728	1179	1549
LAD985184126	70123TLSST223HO	ATLAS STEEL & WIRE CORP.	JEFFERSON	139215	27459	111756	23949	1148	22801
LAD985184118	70123TLSST325HO	ATLAS STEEL & WIRE CORP.	JEFFERSON	143674	27545	116129	25080	1045	24035
LAD000740712	70094VNDLN5100R	AVONDALE IND. INC.	JEFFERSON	93262	19901	73361	17462	4361	13101
LAD008149544	70058BLLNG615DE	BOLLINGER QUICK REPAIR INC.	JEFFERSON	264627	118553	146074	54756	22041	32715
LAD008149403	70073THCLT7500F	CELOTEX CORP.	JEFFERSON	188265	86603	101662	46056	18705	27351
LAD010385847	70123CNTNR6000J	CP LOUISIANA INC.	JEFFERSON	138016	27872	110144	23097	1230	21867
LAD008175390	70094MRCNC10800	CYTEC IND. INC.	JEFFERSON	73182	19157	54025	8612	3330	5282
LAD008176364	70001DLTPT3011L	DELTA PETROLEUM CO. INC.	JEFFERSON	254582	55893	198689	62993	10385	52608
LAD985175918	70058VNSCN1255P	EVANS CONTAINER CORP.	JEFFERSON	254369	112878	141491	47453	17898	29555
LAD985175918	70058VNSCP1255P	EVANS COOPERAGE CO. INC.	JEFFERSON	214462	85736	128726	42752	11426	31326
LAD062629142	70059GRTNM4640P	GRETNA MACHINE & IRON WORKS	JEFFERSON	79033	16177	62856	14480	3452	11028
LAD985174309	70058JFFRS1524M	JEFFERSON FIBERGLASS CO. INC.	JEFFERSON	218799	85473	133326	43470	13170	30300

Table A-4.5

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD985214931	70094NWRLN8400R	NEW ORLEANS SHIPYARD	JEFFERSON	101417	17575	83842	28694	3340	25354
LAD008156226	70062PLLRN700JA	PELLERIN MILNOR CORP.	JEFFERSON	164580	19662	144918	44590	10808	33782
LAD008155566	70121SHLLL309JE	SHELL OIL CO.	JEFFERSON	298888	121322	177566	71555	29477	42078
LAD985211564	70058FNLCH1401D	SIGMA COATINGS USA B.V.	JEFFERSON	220148	87664	132484	43555	12251	31304
LAD985218197	70072CHMCM6025R	SUNBELT CHEMICALS INC.	JEFFERSON	222625	104824	117801	57466	18846	38620
LAD980622138	70058HRVYC12081	TUBOSCOPE VETCO INTL. INC.	JEFFERSON	243033	103405	139628	41651	14789	26862
NA	70123WCHMN5734S	WEICHEM INC.	JEFFERSON	162514	24526	137988	37251	2114	35137
LAD043426006	70058WTCCR1805F	WITCO CORP.	JEFFERSON	282980	133148	149832	67202	30446	36756
LAD021025184	70123DSTNC1320S	WITCO CORP.	JEFFERSON	165644	24622	141022	39482	2396	37086
LAD058596354	70123XCHMN6120J	X-CHEM INC.	JEFFERSON	132449	26982	105467	22769	1295	21474
LAD020605705	71480LSNPC165N	LOUISIANA-PACIFIC CORP.	LA SALLE	2865	48	2817	683	0	683
LAD020854584	70508CDNBT700KA	ACADIANA BOTTLING CO. INC.	LAFAYETTE	82914	14702	68212	21223	1258	19965
LAD985198605	70518BKRSN4440H	BAKER HUGHES INTEQ LSC	LAFAYETTE	13454	1707	11747	4511	996	3515
LAD982560948	70583SGRDN515DE	ESGARD INC.	LAFAYETTE	59265	14401	44864	10372	1178	9194
LA0000593582	70508HGHSCL20SP	HUGHES CHRISTENSEN LAFAYETTE	LAFAYETTE	37317	5640	31677	9459	758	8701
LAD985173210	70518CHMCL102AB	MARIAH CORP.	LAFAYETTE	18052	1947	16105	6168	1108	5060
LAD122615560	70583SCTTB812RE	NALCO/EXXON ENERGY	LAFAYETTE	72834	24304	48530	10343	5718	4625
LAD985173913	70507LCNTRPONTD	OIL CENTER RESEARCH INC.	LAFAYETTE	53379	25441	27938	15716	4967	10749
LAD008193237	70506PRDCT3810C	PRODUCTION EQUIPMENT SERVICE	LAFAYETTE	84381	23209	61172	19977	3608	16369
LAD020872511	70343CDNSHLAHWY	ACADIAN SHIPYARD INC.	LAFOURCHE	8969	728	8241	3839	134	3705
LAD021019922	70373BLLNGLAHWY	BOLLINGER SHIPYARDS INC.	LAFOURCHE	8956	568	8388	3061	146	2915
LAD008163842	70374BLLNGLAHWY	BOLLINGER SHIPYARDS INC.	LAFOURCHE	5500	251	5249	1233	42	1191
LAD008164287	70302CLDWLPOBOX	CALDWELL SUGARS CO-OP. INC.	LAFOURCHE	13890	3161	10729	2125	237	1888
LAD057113599	70374LCKPRHWY30	HALTER MARINE INC.	LAFOURCHE	9123	332	8791	5490	249	5241
LA0000896183	70374LCKPR157FR	LOCKPORT THERMOSETS INC.	LAFOURCHE	8391	296	8095	5452	234	5218
LAD985174408	70374VLNTNHWY30	NICOLAUS PAPER INC.	LAFOURCHE	2111	58	2053	658	43	615
LAD985199660	71227CNGRB100NO	CONAGRA POULTRY CO.	LINCOLN	2032	335	1697	819	86	733
LAD980621403	71275MDSTTLINCO	MID-STATES WOOD PRESERVERS	LINCOLN	1619	608	1011	649	95	554
LAD043193804	71270STWWD3101M	STOWE WOODWARD CO.	LINCOLN	22405	7677	14728	5766	3010	2756
LAD985179811	71270NRHMP600JO	UNR HOME PRODS.	LINCOLN	23695	8251	15444	15140	6784	8356
LAD093540367	70727BRCNNEDENC	BERCEN INC.	LIVINGSTON	26332	1831	24501	8876	872	8004
LAD072626237	70727DLTPR9929F	DELTA PROCESS EQUIPMENT INC.	LIVINGSTON	26636	1721	24915	7808	1156	6652

Table A-4.6

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
NA	70726STRLN30113	STARLING INC.	LIVINGSTON	26753	1546	25207	9532	1221	8311
LA0000050260	70726RLPHWHIGHW	WILSONART INTL. DENHAM	LIVINGSTON	22938	1860	21078	4764	99	4665
LAD069746899	71282CMPLXPOBOX	COMPLEX CHEMICALS CO. INC.	MADISON	454	293	161	147	80	67
LAD008167819	71220NTRNT705CO	INTERNATIONAL PAPER CO.	MOREHOUSE	20964	9206	11758	16263	8272	7991
LAD086261591	71457CNGRBHWY1B	CONAGRA POULTRY CO.	NATCHITOCHE	17510	7795	9715	1245	742	503
LAD062920582	71411WLLMTHIGHW	WILLAMETTE IND. INC.	NATCHITOCHE	1791	843	948	177	31	146
LAD041222365	70129RPRDC14700	AIR PRODS. & CHEMICALS INC.	ORLEANS	29909	17839	12070	10422	4540	5882
LAD008189417	70129RCNDS15200	BOC GASES	ORLEANS	18749	9225	9524	5776	2181	3595
LAD982552028	70129GLFWR18901	GULF WIRE CORP.	ORLEANS	49244	29418	19826	12535	5753	6782
LAD981585607	70053LSNCC1000B	LOUISIANA CCBC LTD.	ORLEANS	323774	192635	131139	65324	35211	30113
LAD981585623	70125LSNCC1050S	LOUISIANA CCBC LTD.	ORLEANS	328883	180535	148348	123253	86693	36560
LA4800014587	70129MCHDS13800	MICHOUD ASSEMBLY FACILITY	ORLEANS	44307	26016	18291	11399	4957	6442
LAD980874093	70129SPCTR4100M	SPECTRUM CONTROL TECHNOLOGY	ORLEANS	62121	38866	23255	15022	6968	8054
LAD985216449	70129NTDST19807	U.S. MARINE INC.	ORLEANS	1185	7	1178	890	3	887
LAD020597597	71280NGSCHLAHWY	ANGUS CHEMICAL CO.	OUACHITA	2949	564	2385	2049	338	1711
NA	71294BNCRF425BA	BANCROFT BAG INC.	OUACHITA	63839	28107	35732	15018	3992	11026
LAD985199686	71203NLNDFI20LO	DELPHI INTERIOR & LIGHTING	OUACHITA	7007	1208	5799	413	154	259
LAD020597597	71280MCFRTLLOUIS	KOCH NITROGEN CO.	OUACHITA	2889	528	2361	889	261	628
LAD008184632	71210CHTCC1300H	OUACHITA COCA-COLA BTLG CO.	OUACHITA	70712	39606	31106	26764	23311	3453
LAD079767612	71292PLYMT601GR	PLYMOUTH TUBE CO.	OUACHITA	49278	12972	36306	13129	1983	11146
LAD008193567	71292MNVLL1031J	RIVERWOOD INTL. CORP.	OUACHITA	57674	23265	34409	13813	2711	11102
NA	71291YZVLL520TR	YAZOO VALLEY OIL MILL INC.	OUACHITA	740	34	706	243	18	225
LAD058472721	70040MXMTLLAHWY	AMAX METALS RECOVERY INC.	PLAQUEMINES	31014	7824	23190	3024	160	2864
LAD056024391	70037LLNCRHIGHW	BP OIL CO.	PLAQUEMINES	1236	641	595	260	91	169
LAD034199802	70037CHVRNHIGHW	CHEVRON CHEMICAL CO.	PLAQUEMINES	9717	1333	8384	2449	229	2220
LAD075069567	70037CHGKP1610E	CHUGOKU PAINT CO. INC.	PLAQUEMINES	76510	17129	59381	18682	3059	15623
LAD053774170	70050DYBRKHWY23	DAYBROOK FISHERIES INC.	PLAQUEMINES	3026	816	2210	1552	505	1047
LAD085551810	70037HBSNG2402E	HOBSON GALVANIZING INC.	PLAQUEMINES	114174	27309	86865	32462	6874	25588
LAD008158479	70037PRDCT1402B	PRODUCTS RESEARCH SERVICE INC.	PLAQUEMINES	16814	2503	14311	2934	226	2708
LAD985213479	70715NNYPLLA1NO	NAN YA PLASTICS CORP. AMERICA	PTE COUPEE	675	386	289	286	252	34
LAD008173585	71361BKRMN75WAD	BAKER MFG. CO. INC.	RAPIDES	52424	24592	27832	17483	8244	9239
LA0000360610	71302BRDNN3901S	BORDEN CHEMICAL INC.	RAPIDES	41569	20223	21346	9345	5480	3865

Table A-4.7

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD008184616	71360DRWDTWADLE	COLFAX CREOSOTING CO.	RAPIDES	55329	25621	29708	20025	11546	8479
LAT230014268	71360DSTRN529CE	DIS-TRAN WOOD PRODS. INC.	RAPIDES	25166	2917	22249	6618	539	6079
LAD069524981	71301DRWDT1KOPP	DURAWOOD TREATING CO.	RAPIDES	60875	27137	33738	24288	17359	6929
LA0000896316	71361CLCTC4507W	ECLECTIC PRODS. INC.	RAPIDES	23565	2445	21120	6332	443	5889
LAD044496362	71361NTRNTWILLI	INTL. PAPER	RAPIDES	5869	1800	4069	1021	22	999
LAD000778506	71360THPRC3701M	PROCTER & GAMBLE MFG. CO.	RAPIDES	27021	3094	23927	6287	686	5601
LAD985174416	71361WLLMT4502I	WILLAMETTE VALLEY CO.	RAPIDES	23565	2445	21120	6332	443	5889
LAD052529096	71019STRSM2415R	SUNBEAM HOUSEHOLD PRODUCTS	RED RIVER	4364	2337	2027	2680	1687	993
LAD058959123	71232TFTNL100TI	TIFTON ALUMINUM CO. INC.	RICHLAND	4673	2198	2475	3645	1671	1974
LAD981515240	71449CNGRB100MC	CONAGRA POULTRY CO.	SABINE	4760	1884	2876	3400	1593	1807
LAD008162364	70032MSTRS7417N	DOMINO SUGAR CORP.	ST BERNARD	198575	94447	104128	61541	26239	35302
LAD008179707	70143TNNCL500WE	MOBIL OIL CORP.	ST BERNARD	126948	41702	85246	42193	5119	37074
LAD008058471	70075MRPHY2500E	MURPHY OIL USA INC.	ST BERNARD	68029	8183	59846	26813	390	26423
LAD094925351	70079RLQDMCEDAR	AIR LIQUIDE AMERICA CORP.	ST CHARLES	13196	3035	10161	3385	630	2755
LAD034235135	70047BNGCR12466	BUNGE CORP.	ST CHARLES	29391	6738	22653	8889	2491	6398
LA0000870030	70087DLTPT10352	DELTA PETROLEUM CO. INC.	ST CHARLES	52821	16419	36402	7223	2302	4921
LAD065485187	70057GRCCH7760R	IMC-AGRICO CO.	ST CHARLES	8050	2890	5160	1129	755	374
LAD001700756	70070MNSNTRIVER	MONSANTO CO.	ST CHARLES	21371	5146	16225	9217	2185	7032
LAD082009390	70057CCDNTLAHWY	OCCIDENTAL CHEMICAL CORP.	ST CHARLES	8069	2882	5187	666	264	402
LA0000896126	70070CCDNT12501	OCCIDENTAL CHEMICAL CORP.	ST CHARLES	24643	5567	19076	9898	1309	8589
LAD000726372	70057SHLLCLA18A	SHELL CHEMICAL CO.	ST CHARLES	8197	2921	5276	656	233	423
LAD008186579	70079SHLLL1205R	SHELL NORCO REFINING CO.	ST CHARLES	16254	3691	12563	3819	875	2944
LAD980622104	70079SHLLL265RI	SHELL OIL CO.	ST CHARLES	13929	3805	10124	4282	851	3431
LAD985220185	70087HLLPT27009	SHELL OIL CO.	ST CHARLES	26879	4880	21999	7312	2444	4868
LAD000225862	70047TRNSM14902	TRANSAMERICA REFINING CORP.	ST CHARLES	19052	4147	14905	12126	2815	9311
LAD125850172	70057NNCRBHWHY31	UNION CARBIDE CORP.	ST CHARLES	10127	3362	6765	919	363	556
LAD065470916	70057WTCCRRIVER	WITCO CORP.	ST CHARLES	8693	3082	5611	779	285	494
LAD985174275	70441CLLLSHWHY43	AMERCHOL CORP.	ST HELENA	1944	937	1007	337	251	86
LAD985173830	70723RPRDCHIGHW	AIR PRODS. & CHEMICALS INC.	ST JAMES	2472	1689	783	55	26	29
LAD055010078	70086CHVRNHWHY18	CHEVRON CHEMICAL CO.	ST JAMES	3779	2771	1008	1662	1282	380
LAD039168562	70052CLNLS129FI	COLONIAL SUGARS REFINERY	ST JAMES	12698	5576	7122	7657	3212	4445
LAD056031636	70346GRCCHLAHIG	IMC-AGRICO CO.	ST JAMES	7155	4777	2378	1142	680	462

Table A-4.8

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD059545756	70792	GRCHEASTB IMC-AGRICO CO.	ST JAMES	3427	2267	1160	389	333	56
LAD008182289	70052	KSRLMAIRLI KAISER ALUMINUM & CHEMICAL	ST JAMES	11480	5325	6155	2762	1143	1619
LAD982560955	70052	LRCHCPOBOX LAROCHE IND. INC.	ST JAMES	11841	5444	6397	3526	1537	1989
LAD098168206	70723	CCDNTHIGHW OCCIDENTAL CHEMICAL CORP.	ST JAMES	2981	2535	446	310	256	54
LAD008159410	70086	STJMSPobox ST. JAMES SUGAR CO-OP INC.	ST JAMES	3183	2613	570	635	367	268
LAD065485146	70723	TXCRFFOOTO STAR ENTERPRISE	ST JAMES	3210	2000	1210	132	40	92
LAD094919339	70069	BYSTLRIVER BAYOU STEEL CORP.	ST JOHN BAP	26550	7112	19438	3755	463	3292
LAD000719096	70084	BTZLB500RO BETZ LABS. INC.	ST JOHN BAP	16541	8178	8363	5518	2052	3466
LAD064676919	70084	DTCHM534WE DATACHEM INC.	ST JOHN BAP	18861	9534	9327	7937	4158	3779
NA	70084	DLTBV383W1 DELTA BEVERAGE GROUP INC.	ST JOHN BAP	19361	9642	9719	7344	3581	3763
LAD001890367	70069	DPNTPHIGHW DU PONT PONTCHARTRAIN WORKS	ST JOHN BAP	33256	10895	22361	14298	6286	8012
LAD059117580	70084	JNSCH520WE JONES CHEMICALS INC.	ST JOHN BAP	19324	9401	9923	5678	2118	3560
LAD081999724	70051	MRTNHWY61 MARATHON OIL CO.	ST JOHN BAP	10432	5359	5073	3697	2059	1638
LAD081999724	70051	MRTNHWY6A MARATHON OIL CO.	ST JOHN BAP	11940	6686	5254	4154	2462	1692
LAD050901669	70051	NLCCHRIVER NALCO CHEMICAL CO.	ST JOHN BAP	9982	5019	4963	3444	2081	1363
LAD985196013	70084	LCLC 430NO SHELL CHEMICAL	ST JOHN BAP	14471	7907	6564	5592	2474	3118
LAD081407850	70750	HLLPTHWY10 BASIS PETROLEUM INC.	ST LANDRY	1545	3	1542	1333	1	1332
LAD069531457	70570	FMCCRHWY18 FMC CORP.	ST LANDRY	25258	15433	9825	7503	4862	2641
LAD000709147	70571	SLCDBPOBOX SILCO	ST LANDRY	27456	14751	12705	14174	7353	6821
LAD056026446	70570	LNFD5731NR WILSEY FOODS	ST LANDRY	28189	15508	12681	20087	12765	7322
LAD985201029	70517	CRGLLAHWY CARGILL INC.	ST MARTIN	6977	2128	4849	999	350	649
LAD008157455	70517	BRXBRPOBOX LOUISIANA SUGARCANE COOP.	ST MARTIN	12952	4865	8087	7285	3117	4168
NA	70517	RYLFB1407A ROYAL FIBERGLASS POOLS INC.	ST MARTIN	14922	4711	10211	2948	964	1984
LAD008157653	70583	CBTCRSTATE CABOT CORP.	ST MARY	15188	7062	8126	11192	4978	6214
LAD980867758	70522	CLMBNHIGHW COLUMBIAN CHEMICALS	ST MARY	179	45	134	62	16	46
LAD980304059	70562	SHLND2MILE DEGUSSA CORP.	ST MARY	377	172	205	66	39	27
LAD981057706	70380	MRNSHHIGHW MARINE SHALE PROCESSORS INC.	ST MARY	6084	967	5117	2265	260	2005
LAD000757534	70340	MCDRMDEGRA MCDERMOTT INC.	ST MARY	3952	846	3106	68	5	63
LAD094191236	70380	STMRYCORNE ST. MARY GALVANIZING CO.	ST MARY	21861	4742	17119	5184	225	4959
LAD008158693	70544	STMRYPOBOX ST. MARY SUGAR CO-OP. INC.	ST MARY	19273	4797	14476	3538	1111	2427
LAD008159428	70538	STRLNSTERL STERLING SUGARS INC.	ST MARY	11339	5119	6220	1376	979	397
LAD980796635	70340	MLCTNHWY66 TUBOSCOPE VETCO INTL. INC.	ST MARY	3636	768	2868	2352	214	2138

Table A-4.9

EPAID	TRI_ID	FACILITY	PARISH	4 Miles			2 Miles		
				Total	AA	NAA	Total	AA	NAA
LAD985205475	70460LSTCL646CA	LASTEC/LABBCO. OF LOUISIANA	ST TAMMANY	53208	7163	46045	23998	3776	20222
LA0000091421	70448MRBLQ399HW	MARBLE QUARRY INC.	ST TAMMANY	25207	992	24215	12653	596	12057
LAD985200997	70452CHMLNI59NO	PEARL RIVER POLYMERS INC.	ST TAMMANY	8093	838	7255	2688	101	2587
LAD057114514	70450STHRNHIGHW	SOUTHERN COATINGS INC.	ST TAMMANY	18253	3397	14856	5697	763	4934
LAD008155871	70447QTBL HWY21	TRINITY MARINE GROUP	ST TAMMANY	7967	471	7496	1401	265	1136
LA0000889832	70446JCMSRTE1B	JOE COOMBS CLASSICS INC.	TANGIPAOHA	1807	109	1698	361	26	335
LAD985174291	70444GLFDRPOBOX	MID-AMERICA DAIRYMEN INC.	TANGIPAOHA	2315	1595	720	475	295	180
LAD985193051	70456PRNMLHWY51	PURINA MILLS INC.	TANGIPAOHA	3487	1984	1503	870	582	288
NA	70403TYLR16152	TAYLORTEC	TANGIPAOHA	32768	11552	21216	8392	3485	4907
LAD050977586	70443CLNBC100CA	WATERBURY CO. INC.	TANGIPAOHA	6762	1951	4811	3317	1027	2290
LA0000896167	70363HMCTN209EW	TUBOSCOPE VETCO INTL,INC.	TERREBONNE	29096	7317	21779	3959	256	3703
LAD034145235	70510CSTLFHWY14	COASTAL FLUID TECHS. INC.	VERMILION	17729	4641	13088	1903	230	1673
LAD009709825	70510ZPTHYWY333	ZAPATA PROTEIN (USA) INC.	VERMILION	366	10	356	97	2	95
LAD981912942	70427GYLRD420WI	GAYLORD CHEMICAL CORP.	WASHINGTON	17912	5621	12291	14174	4887	9287
LAD008188492	70427GYLRD4THST	GAYLORD CONTAINER CORP.	WASHINGTON	17843	5619	12224	14438	5056	9382
LAD046866588	70438DRYMN21155	MID-AMERICA DAIRYMEN INC.	WASHINGTON	5778	2242	3536	1599	99	1500
LAD985201060	71018KRRMCLA7SO	CALUMET LUBRICANTS CO. L.P.	WEBSTER	1826	533	1293	1424	414	1010
LAD099717829	71075NTRNT2600S	INTERNATIONAL PAPER	WEBSTER	9286	2462	6824	5405	2421	2984
LAD037455425	71055RSKNM900ER	RUSKIN MFG.	WEBSTER	16388	7639	8749	7893	5643	2250
LAD094916491	70710CCDNTHWY1E	BORDEN CHEMICALS & PLASTICS	W BATON ROUGE	8595	2594	6001	2374	407	1967
LAD028507127	70767CSTRL1981S	CASTROL N.A. AUTOMATIVE INC.	W BATON ROUGE	54508	29169	25339	7580	4142	3438
LAD051009827	70767DSCVR3502S	DISCOVERY ALUMINAS INC.	W BATON ROUGE	29919	24896	5023	1313	334	979
LAD059130831	70710CPLYMLOUIS	DSM COPOLYMER INC.	W BATON ROUGE	10346	3949	6397	2304	446	1858
LAD985198852	70767XXNPR2230H	EXXON	W BATON ROUGE	62164	50800	11364	4741	2849	1892
LAD980304661	70719HRRYL5133S	HARRY L. LAWS & CO. INC.	W BATON ROUGE	13953	2533	11420	3431	1157	2274
LAD053783353	70767PLCDR1940L	PLACID REFINING CO.	W BATON ROUGE	64351	51306	13045	6704	3809	2895
LAD980332399	70710SDRCHPOBOX	SID RICHARDSON CARBON CO.	W BATON ROUGE	11138	4680	6458	2233	472	1761
LAD981899073	70719TRNTY7555C	TRINITY MARINE PORT ALLEN	W BATON ROUGE	1956	264	1692	37	1	36
LAD098598360	70767WSTSD3520S	WESTSIDE GALVANIZING SERVICES	W BATON ROUGE	29919	24896	5023	1313	334	979
LAD041321431	70775JMSRVENDOF	CROWN PAPER CO.	WEST FELICIANA	1067	264	803	19	0	19
LAD008054363	71483LLBRWTHOMA	L. L. BREWTON LUMBER CO. INC.	WINN	8774	3299	5475	5133	1548	3585
LAD009624222	71483CHMBNHIGHW	NESTE RESINS CORP.	WINN	8669	3307	5362	7290	3047	4243

Table A-5.1

Table A-5. Total Proximate Populations and Relative Burden Ratios for 15 Facility Universes. (B=Basic; E=Enhanced)

Relative Burden Analysis: Statewide						Table A-5, Page 1
Facility Universe Radius (# Sites)	Estimated Total Proximate Population	Estimated Number of African-Americans in Proximity	Estimated Number of Non-African-Americans in Proximity	Total TRI/TEDI Air Emissions (lbs.)	Adjusted Air Emissions (lbs.)	Relative Burden Ratio
'95 TRI > 100K lbs. (81)						
4 Miles	1,206,175	476,329	729,846	82,388,073	76,854	1.39B/1.68E
2 Miles	395,822	156,021	239,801	82,388,073	76,854	1.46B/1.47E
'95 TRI > 0 lbs. (246)						
4 Miles	2,396,935	808,053	1,588,882	84,986,605	97,024	1.55B/1.57E
2 Miles	1,044,476	381,170	663,306	84,986,605	97,024	1.43B/1.22E
All '95 TRI (314)						
4 Miles	2,837,630	986,222	1,851,408	84,986,605	97,024	1.48B/1.50E
2 Miles	1,540,378	592,948	947,430	84,986,605	97,024	1.32B/1.12E
'96 TEDI > 100K lbs. (80)						
4 Miles	1,099,851	446,027	653,824	84,697,258	147,290	0.80B
2 Miles	357,534	152,075	205,459	84,697,258	147,290	0.99B
'96 TEDI > 0 lbs. (226)						
4 Miles	2,146,290	821,009	1,325,281	88,457,010	157,416	0.92B
2 Miles	880,321	343,446	536,875	88,457,010	157,416	1.14B

Relative Burden Analysis: 12 Industrial Corridor Parishes						Table A-5, Page 2
Facility Universe Radius (# Sites)	Estimated Total Proximate Population	Estimated Number of African-Americans in Proximity	Estimated Number of Non-African-Americans in Proximity	Total TRI Air Emissions (lbs.)	Normalized Air Emissions (lbs.)	Relative Burden Ratio
'95 TRI > 100K lbs. (48)						
4 Miles	810,316	326,617	483,699	43,830,976	54,931	1.79B/1.85E
2 Miles	245,944	92,133	153,811	43,830,976	54,931	2.22B/1.76E
'95 TRI > 0 lbs. (116)						
4 Miles	1,163,364	424,319	739,045	45,233,434	69,460	1.76B/1.73E
2 Miles	502,765	172,269	330,496	45,233,434	69,460	2.07B/1.66E
All '95 TRI (141)						
4 Miles	1,408,291	539,328	868,963	45,233,434	69,460	1.63B/1.60E
2 Miles	815,378	313,605	501,773	45,233,434	69,460	1.73B/1.39E
'96 TEDI > 100K lbs. (46)						
4 Miles	698,689	296,364	402,325	24,119,780	41,035	0.91B
2 Miles	215,438	89,364	126,074	24,119,780	41,035	1.31B
'96 TEDI > 0 lbs. (106)						
4 Miles	1,246,544	540,285	706,259	38,415,466	47,516	0.91B
2 Miles	526,802	209,495	317,307	38,415,466	47,516	1.32B

Relative Burden Analysis: St. James Parish	Table A-5, Page 3
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Table A-5.3

Facility Universe Radius (#sites in/out St James)	Estimated Total Proximate Population	Estimated Number of African- Americans in Proximity	Estimated Number of Non-African- Americans in Proximity	Total TRI Air Emissions (lbs.)	Normalized Air Emissions (lbs.)	Relative Burden Ratio
'95 TRI > 100K lbs.						
4 Miles (5+5)	12,889	6,487	6,402	16,577,438	7154	2.04B/1.75E
2 Miles (5+4)	4,160	1,906	2,254	16,413,411	8051	3.31B/0.99E
'95 TRI > 0 lbs.						
4 Miles (8+8)	15,499	8,124	7,375	16,654,995	8072	1.78B/0.72E
2 Miles (8+6)	8,958	4,186	4,772	16,490,233	8051	3.11B/1.09E
All '95 TRI						
4 Miles (10+8)	16,210	8,724	7,486	16,654,995	8072	1.68B/0.69E
2 Miles (10+6)	9,433	4,428	5,005	16,490,233	8051	3.04B/1.05E
'96 TEDI > 100K lbs.						
4 Miles (3+6)	5,262	3,747	1,515	NR	NR	NR
2 Miles (3+6)	1,623	1,247	376	NR	NR	NR
'96 TEDI > 0 lbs.						
4 Miles (4+8)	9,100	4,565	4,535	NR	NR	NR
2 Miles (4+8)	1,887	1,471	416	NR	NR	NR

NR=Not Run, due to unavailability of certain data at time of analysis

Table A-5.4