

Table IV. Removal and Destruction Rates for POTWs

When completing Section 8 of the Form R, facilities should use their best readily available information to determine the final disposition of toxic chemical sent to the publicly owned treatment works (POTW) and then distribute the amount reported in Section 6.1 among Sections 8.1c, 8.1d, and 8.7, as appropriate. Table VI presents data from EPA's Risk-Screening Environmental Indicators (RSEI) model that can be used to assist with these calculations.

To predict the fate and transport of TRI chemicals, the RSEI model uses estimates of chemical removal efficiencies at POTWs and of the ultimate fate of the chemical amount removed. The amount of the chemical removed is divided into the percentages removed by (1) sorbing to sludge, (2) volatilizing into the air or (3) being biodegraded by microorganisms. Table VI assigns the portion of the influent diverted to sludge to Section 8.1c (off-site disposal to landfills and Class I UIC wells), the portion volatilizing into the air to Section 8.1d (other off-site releases), and the portion being biodegraded to Section 8.7 (off-site treatment). The percentage of the influent chemical that passes through the POTW and is not removed is also assigned to Section 8.1d.

POTW removal efficiencies are a function of many factors, including the treatment technology in place at the POTW. Information about the final disposition of chemicals at the specific POTW in question should therefore be used in place of the percentages in Table VI if available. Additional documentation for the values presented in Table VI can be found in Technical Appendix B of the RSEI Model Documentation, available at: <http://www2.epa.gov/toxics-release-inventory-tri-program/documentation-potw-removal-rates>.

TRI-MEweb will use the percentages below to calculate values for Sections 8.1c, 8.1d, and 8.7 unless you replace these default percentages with location-specific estimates of removal and destruction rates for the POTW in question. For chemicals not included in this table, TRI-MEweb's default assumption is that 100% of the chemical sent to the POTW is treated for destruction.

CAS Number	Chemical Name <i>Arranged by CAS Number</i>	% of §6.1 to §:		
		8.1c	8.1d	8.7
50-00-0	Formaldehyde	0	8	92
51-03-6	Piperonyl butoxide	39	3	58
51-21-8	Fluorouracil	1	55	44
51-28-5	2,4-Dinitrophenol	1	24	75
51-79-6	Urethane (Ethyl carbamate)	1	55	44
52-68-6	Trichlorfon	0	8	92
53-96-3	2-Acetylaminofluorene	5	42	53
55-63-0	Nitroglycerin	1	24	75
56-23-5	Carbon tetrachloride	2	88	10
56-38-2	Parathion	9	2	89
57-14-7	1,1-Dimethyl hydrazine	1	25	74
57-33-0	Pentobarbital sodium	2	53	45
57-41-0	Phenytoin	2	51	47
57-74-9	Chlordane	61	1	38
58-89-9	Lindane	13	24	63
60-09-3	4-Aminoazobenzene	8	35	57
60-11-7	4-Dimethylaminoazobenzene	35	5	60
60-34-4	Methyl hydrazine	1	25	74
60-35-5	Acetamide	0	8	92
60-51-5	Dimethoate	1	55	44
61-82-5	Amitrole	1	55	44
62-53-3	Aniline	0	8	92
62-55-5	Thioacetamide	1	55	44
62-56-6	Thiourea	1	25	74
62-73-7	Dichlorvos	1	25	74
62-74-8	Sodium fluoroacetate	1	25	74

CAS Number	Chemical Name <i>Arranged by CAS Number</i>	% of §6.1 to §:		
		8.1c	8.1d	8.7
63-25-2	Carbaryl	1	12	87
64-18-6	Formic acid	0	8	92
64-67-5	Diethyl sulfate	0	5	95
64-75-5	Tetracycline hydrochloride	1	55	44
67-56-1	Methanol	0	8	92
67-66-3	Chloroform	1	73	26
67-72-1	Hexachloroethane	18	56	26
68-12-2	N,N-Dimethylformamide	0	8	92
70-30-4	Hexachlorophene	62	1	37
71-36-3	n-Butyl alcohol	0	8	92
71-43-2	Benzene	1	23	76
71-55-6	1,1,1-trichloroethane	1	95	4
72-43-5	Methoxychlor	45	2	53
72-57-1	Trypan blue	1	55	44
74-83-9	Bromomethane	0	80	20
74-85-1	Ethylene	0	92	8
74-87-3	Chloromethane	1	59	40
74-88-4	Methyl iodide	1	78	21
74-90-8	Hydrogen cyanide	2	98	0
74-95-3	Methylene bromide	1	61	38
75-00-3	Chloroethane	1	85	14
75-01-4	Vinyl chloride	0	92	8
75-05-8	Acetonitrile	1	25	74
75-07-0	Acetaldehyde	0	9	91
75-09-2	Dichloromethane	1	44	55
75-15-0	Carbon disulfide	1	87	12

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		8.1c	8.1d	8.7			8.1c	8.1d	8.7
75-21-8	Ethylene oxide	0	9	91	79-21-0	Peracetic acid	0	8	92
75-25-2	Bromoform	2	57	41	79-22-1	Methyl chlorocarbonate	0	1	99
75-27-4	Dichlorobromomethane	1	68	31	79-34-5	1,1,2,2-Tetrachloroethane	2	78	20
75-34-3	Ethylidene dichloride	1	78	21	79-44-7	Dimethylcarbamyl chloride	0	0	100
75-35-4	Vinylidene chloride	1	91	8	79-46-9	2-Nitropropane	1	26	73
75-43-4	Dichlorofluoromethane	1	91	8	80-05-7	4,4'-Isopropylidenediphenol	5	14	81
75-44-5	Phosgene	0	0	100	80-15-9	Cumene hydroperoxide	1	24	75
75-45-6	Chlorodifluoromethane	1	88	11	80-62-6	Methyl methacrylate	0	10	90
75-55-8	Propyleneimine	1	25	74	81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1	25	74
75-56-9	Propylene oxide	0	9	91	82-68-8	Quintozene	43	11	46
75-63-8	Bromotrifluoromethane	0	99	1	84-74-2	Dibutyl phthalate	29	1	70
75-65-0	tert-Butyl alcohol	1	55	44	85-01-8	Phenanthrene	32	6	62
75-68-3	1-Chloro-1,1-difluoroethane	1	98	1	85-44-9	Phthalic anhydride	0	1	99
75-69-4	Trichlorofluoromethane (CFC-11)	1	98	1	86-30-6	N-Nitrosodiphenylamine	5	42	53
75-71-8	Dichlorodifluoromethane (CFC-12)	0	99	1	87-62-7	2,6-Xylidine	2	53	45
75-72-9	Chlorotrifluoromethane (CFC-13)	0	99	1	87-68-3	Hexachloro-1,3-butadiene	45	23	32
75-86-5	2-Methylacetonitrile	0	0	100	87-86-5	Pentachlorophenol (PCP)	54	4	42
75-88-7	2-Chloro-1,1,1-trifluoroethane	0	99	1	88-06-2	2,4,6-Trichlorophenol	9	9	82
76-01-7	Pentachloroethane	6	75	19	88-75-5	2-Nitrophenol	1	59	40
76-06-2	Chloropicrin	1	88	11	88-85-7	Dinitrobutyl phenol	12	54	34
76-13-1	Freon 113	3	96	1	88-89-1	Picric acid	1	78	21
76-14-2	Dichlorotetrafluoroethane (CFC-114)	2	97	1	90-04-0	o-Anisidine	1	25	74
76-15-3	Monochloropentafluoroethane (CFC-115)	1	98	1	90-43-7	2-Phenylphenol	3	5	92
76-44-8	Heptachlor	50	1	49	91-08-7	Toluene-2,6-diisocyanate	2	1	97
76-87-9	Triphenyltin hydroxide	14	86	0	91-20-3	Naphthalene	4	6	90
77-47-4	Hexachlorocyclopentadiene	44	11	45	91-22-5	Quinoline	1	24	75
77-73-6	Dicyclopentadiene	7	84	9	91-59-8	beta-Naphthylamine	1	23	76
77-78-1	Dimethyl sulfate	0	3	97	91-94-1	3,3'-Dichlorobenzidine	9	32	59
78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	37	0	63	92-52-4	Biphenyl	10	2	88
78-84-2	Isobutyraldehyde	0	9	91	92-67-1	4-Aminobiphenyl	3	47	50
78-87-5	1,2-Dichloropropane	1	70	29	92-87-5	Benzidine	1	25	74
78-88-6	2,3-Dichloropropene	1	67	32	93-65-2	Mecoprop	5	42	53
78-92-2	sec-Butyl alcohol	0	8	92	94-11-1	2,4-D isopropyl ester	8	2	90
79-00-5	1,1,2-Trichloroethane	1	82	17	94-36-0	Benzoyl peroxide	5	3	92
79-01-6	Trichloroethylene	1	93	6	94-58-6	Dihydrosafrole	10	30	60
79-06-1	Acrylamide	0	8	92	94-59-7	Safrole	8	34	58
79-10-7	Acrylic acid	0	8	92	94-74-6	Methoxone ((4-Chloro-2-methylphenoxy) acetic acid) (MCPA)	6	39	55
79-11-8	Chloroacetic acid	0	8	92	94-75-7	2,4-D	2	6	92
79-19-6	Thiosemicarbazide	1	55	44	94-80-4	2,4-D butyl ester	15	1	84
					95-47-6	o-Xylene	3	16	81

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95-48-7	o-Cresol	0	8	92	106-93-4	1,2-Dibromoethane	1	60	39
95-50-1	1,2-Dichlorobenzene	7	47	46	106-99-0	1,3-Butadiene	1	86	13
95-53-4	o-Toluidine	0	94	6	107-02-8	Acrolein	0	9	91
95-54-5	1,2-Phenylenediamine	1	55	44	107-05-1	Allyl chloride	1	85	14
95-63-6	1,2,4-Trimethylbenzene	11	21	68	107-06-2	1,2-Dichloroethane	1	64	35
95-80-7	2,4-Diaminotoluene	1	55	44	107-11-9	Allylamine	1	25	74
95-95-4	2,4,5-Trichlorophenol	13	25	62	107-13-1	Acrylonitrile	0	9	91
96-09-3	Styrene oxide	1	25	74	107-18-6	Allyl alcohol	0	8	92
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	4	72	24	107-19-7	Propargyl alcohol	0	8	92
96-18-4	1,2,3-Trichloropropane	2	56	42	107-21-1	Ethylene glycol	0	8	92
96-33-3	Methyl acrylate	0	9	91	107-30-2	Chloromethyl methyl ether	0	0	100
96-45-7	Ethylene thiourea	1	55	44	108-05-4	Vinyl acetate	0	11	89
98-07-7	Benzoic trichloride	0	0	100	108-10-1	Methyl isobutyl ketone	0	9	91
98-82-8	Cumene	7	13	80	108-31-6	Maleic anhydride	0	0	100
98-86-2	Acetophenone	0	8	92	108-38-3	m-Xylene	3	18	79
98-87-3	Benzal chloride	0	0	100	108-39-4	m-Cresol	0	8	92
98-88-4	Benzoyl chloride	0	0	100	108-45-2	1,3-Phenylenediamine	1	55	44
98-95-3	Nitrobenzene	0	8	92	108-60-1	Bis(2-chloro-1-methylethyl) ether	2	53	45
99-55-8	5-Nitro-o-toluidine	1	54	45	108-88-3	Toluene	1	23	76
99-65-0	m-Dinitrobenzene	1	54	45	108-90-7	Chlorobenzene	2	39	59
100-01-6	p-Nitroaniline	1	54	45	108-93-0	Cyclohexanol	0	9	91
100-02-7	4-Nitrophenol	0	93	7	108-95-2	Phenol	0	8	92
100-25-4	p-Dinitrobenzene	1	54	45	109-06-8	2-Methylpyridine	0	8	92
100-41-4	Ethylbenzene	3	45	52	109-77-3	Malononitrile	1	55	44
100-42-5	Styrene	2	13	85	109-86-4	2-Methoxyethanol	0	8	92
100-44-7	Benzyl chloride	1	27	72	110-54-3	n-Hexane	9	53	38
100-75-4	N-Nitrosopiperidine	1	55	44	110-57-6	trans-1,4-Dichloro-2-butene	2	27	71
101-05-3	Anilazine	16	19	65	110-80-5	2-Ethoxyethanol	0	8	92
101-14-4	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	17	18	65	110-82-7	Cyclohexane	6	19	75
101-77-9	4,4'-Methylenedianiline	1	24	75	110-86-1	Pyridine	0	8	92
101-80-4	4,4'-Diaminodiphenyl ether	1	24	75	111-42-2	Diethanolamine	0	8	92
101-90-6	Diglycidyl resorcinol ether	1	25	74	111-44-4	Bis(2-chloroethyl) ether	2	78	20
105-67-9	2,4-Dimethylphenol	1	23	76	111-91-1	Bis(2-chloroethoxy) methane	1	78	21
106-42-3	p-Xylene	3	19	78	114-26-1	Propoxur	0	8	92
106-44-5	p-Cresol	0	8	92	115-07-1	Propylene (Propene)	0	91	9
106-46-7	1,4-Dichlorobenzene	7	49	44	115-32-2	Dicofol	44	2	54
106-47-8	p-Chloroaniline	1	54	45	116-06-3	Aldicarb	1	54	45
106-50-3	p-Phenylenediamine	1	55	44	117-79-3	2-Aminoanthraquinone	2	52	46
106-51-4	Quinone	1	59	40	117-81-7	Di(2-ethylhexyl) phthalate	38	0	62
106-88-7	1,2-Butylene oxide	0	27	73	118-74-1	Hexachlorobenzene	60	2	38
106-89-8	Epichlorohydrin	1	55	44	119-90-4	3,3'-Dimethoxybenzidine	1	54	45
					119-93-7	3,3'-Dimethylbenzidine	1	23	76

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120-12-7	Anthracene	31	8	61		(MBT)			
120-36-5	2,4-DP	8	34	58	150-50-5	Merphos	22	0	78
120-58-1	Isosafrole	7	36	57	151-56-4	Ethyleneimine (Aziridine)	1	55	44
120-71-8	p-Cresidine	1	54	45	156-62-7	Calcium cyanamide	2	98	0
120-80-9	Catechol	0	8	92	298-00-0	Methyl parathion	2	6	92
120-82-1	1,2,4-Trichlorobenzene	19	22	59	300-76-5	Naled	1	25	74
120-83-2	2,4-Dichlorophenol	3	5	92	302-01-2	Hydrazine	0	15	85
121-14-2	2,4-Dinitrotoluene	1	54	45	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane	1	98	1
121-44-8	Triethylamine	1	56	43	309-00-2	Aldrin	62	1	37
121-69-7	N,N-Dimethylaniline	2	53	45	314-40-9	Bromacil	2	53	45
121-75-5	Malathion	1	7	92	330-54-1	Diuron	2	50	48
122-34-9	Simazine	2	77	21	330-55-2	Linuron	5	41	54
122-39-4	Diphenylamine	7	12	81	333-41-5	Diazinon	12	7	81
122-66-7	1,2-Diphenylhydrazine	4	46	50	353-59-3	Bromochlorodifluoromethane	1	98	1
123-31-9	Hydroquinone	0	8	92	354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	3	84	13
123-38-6	Propionaldehyde	0	9	91	354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	3	84	13
123-63-7	Paraldehyde	1	55	44	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane	1	98	1
123-72-8	Butyraldehyde	0	9	91	354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane	0	99	1
123-91-1	1,4-Dioxane	1	55	44	357-57-3	Brucine	1	55	44
124-40-3	Dimethylamine	0	8	92	422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane	3	96	1
124-73-2	Dibromotetrafluoroethane	2	97	1	460-35-5	3-Chloro-1,1,1-trifluoropropane	1	98	1
126-98-7	Methacrylonitrile	1	27	72	463-58-1	Carbonyl sulfide	0	84	16
126-99-8	Chloroprene	1	93	6	465-73-6	Isodrin	62	1	37
127-18-4	Tetrachloroethylene (Perchloroethylene)	6	87	7	492-80-8	C.I. Solvent Yellow 34 (Auramine)	2	50	48
128-03-0	Potassium dimethyldithiocarbamate	1	28	71	505-60-2	Mustard gas	0	0	100
128-04-1	Sodium dimethyldithiocarbamate	1	28	71	507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane	3	96	1
131-11-3	Dimethyl phthalate	0	8	92	510-15-6	Chlorobenzilate	39	3	58
132-64-9	Dibenzofuran	18	4	78	528-29-0	o-Dinitrobenzene	1	54	45
133-06-2	Captan	1	23	76	533-74-4	Dazomet	0	3	97
133-07-3	Folpet	2	20	78	534-52-1	4,6-Dinitro-o-cresol	2	53	45
134-32-7	alpha-Naphthylamine	1	24	75	540-59-0	1,2-Dichloroethylene	1	74	25
136-45-8	Dipropyl isocinchomerionate	6	3	91	541-41-3	Ethyl chloroformate	1	43	56
137-26-8	Thiram	1	24	75	541-53-7	2,4-Dithiobiuret	1	51	48
137-41-7	Potassium N-methyldithiocarbamate	0	27	73	541-73-1	1,3-Dichlorobenzene	8	47	45
137-42-8	Metham sodium	0	27	73	542-75-6	1,3-Dichloropropylene	1	44	55
139-13-9	Nitrilotriacetic acid	0	8	92	542-76-7	3-Chloropropionitrile	1	55	44
140-88-5	Ethyl acrylate	0	10	90	542-88-1	Bis(chloromethyl) ether	0	0	100
141-32-2	Butyl acrylate	1	9	90	554-13-2	Lithium carbonate	2	98	0
142-59-6	Nabam	0	10	90	556-61-6	Methyl isothiocyanate	0	0	100
148-79-8	Thiabenzazole	2	51	47					
149-30-4	2-Mercaptobenzothiazole	2	52	46					

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563-47-3	3-Chloro-2-methyl-1-propene	1	93	6	1918-02-1	Picloram	2	90	8
584-84-9	Toluene-2,4-diisocyanate	2	1	97	1918-16-7	Propachlor	1	24	75
606-20-2	2,6-Dinitrotoluene	2	53	45	1928-43-4	2,4-D 2-ethylhexyl ester	22	0	78
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	9	32	59	1929-73-3	2,4-D butoxyethyl ester	12	1	87
621-64-7	N-Nitrosodi-n-propylamine	1	54	45	1929-82-4	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	7	36	57
624-83-9	Methyl isocyanate	0	0	100	1982-69-0	Sodium dicamba	1	53	46
630-20-6	1,1,1,2-Tetrachloroethane	3	82	15	2164-07-0	Dipotassium endothall	1	24	75
636-21-5	o-Toluidine hydrochloride	1	54	45	2164-17-2	Fluometuron	2	52	46
684-93-5	N-Nitroso-N-methylurea	1	55	44	2234-13-1	Octachloronaphthalene	62	1	37
709-98-8	Propanil (N-(3,4-Dichlorophenyl)propanamide)	4	44	52	2300-66-5	Dimethylamine dicamba	1	54	45
759-73-9	N-Nitroso-N-ethylurea	1	55	44	2303-16-4	Diallate	21	14	65
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	5	41	54	2303-17-5	Triallate	35	5	60
764-41-0	1,4-Dichloro-2-butene	1	84	15	2312-35-8	Propargite	42	44	14
834-12-8	Ametryn	4	45	51	2699-79-8	Sulfuryl fluoride	2	98	0
872-50-4	N-Methyl-2-pyrrolidone	0	8	92	2702-72-9	2,4-D sodium salt	2	6	92
924-42-5	N-Methylolacrylamide	0	8	92	2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane	0	99	1
961-11-5	Tetrachlorvinphos	7	11	82	2971-38-2	2,4-D chlorocrotyl ester	16	0	84
1120-71-4	Propane sultone	1	29	70	3383-96-8	Temephos	38	0	62
1163-19-5	Decabromodiphenyl oxide	62	1	37	3653-48-3	Methoxone sodium salt ((4-Chloro-2-methylphenoxy) acetate sodium salt)	1	25	74
1313-27-5	Molybdenum trioxide	2	98	0	4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1	55	44
1314-20-1	Thorium dioxide	90	10	0	4170-30-3	Crotonaldehyde	0	10	90
1319-77-3	Cresol (mixed isomers)	0	8	92	4549-40-0	N-Nitrosomethylvinylamine	9	51	40
1320-18-9	2,4-D propylene glycol butyl ether ester	15	0	85	5234-68-4	Carboxin	1	24	75
1330-20-7	Xylene (mixed isomers)	3	17	80	7287-19-6	Prometryn	11	56	33
1336-36-3	Polychlorinated biphenyls (PCBs)	61	1	38	7429-90-5	Aluminum (fume or dust)	66	34	0
1344-28-1	Aluminum oxide (fibrous forms)	2	98	0	7439-92-1	Lead	63	37	NA
1464-53-5	Diepoxybutane	1	25	74	7439-96-5	Manganese	39	61	NA
1563-66-2	Carbofuran	1	7	92	7439-97-6	Mercury	69	31	NA
1582-09-8	Trifluralin	57	3	40	7440-02-0	Nickel	38	62	NA
1634-04-4	Methyl tert-butyl ether	1	60	39	7440-22-4	Silver	66	34	NA
1649-08-7	1,2-Dichloro-1,1-difluoroethane	1	97	2	7440-28-0	Thallium	54	46	NA
1689-84-5	Bromoxynil	6	13	81	7440-36-0	Antimony	32	68	NA
1689-99-2	Bromoxynil octanoate	38	0	62	7440-38-2	Arsenic	49	51	NA
1717-00-6	1,1-Dichloro-1-fluoroethane	1	96	3	7440-39-3	Barium	69	31	NA
1861-40-1	Benfluralin	56	3	41	7440-41-7	Beryllium	37	63	NA
1897-45-6	Chlorothalonil	3	18	79	7440-43-9	Cadmium	68	32	NA
1910-42-5	Paraquat dichloride	1	55	44	7440-47-3	Chromium	76	24	NA
1912-24-9	Atrazine	3	74	23	7440-48-4	Cobalt	32	68	NA
1918-00-9	Dicamba	1	53	46	7440-50-8	Copper	72	28	NA
					7440-62-2	Vanadium (except when	32	68	NA

Table IV. Removal and Destruction Rates for POTWs

CAS Number	Chemical Name <i>Arranged by CAS Number</i>	% of §6.1 to §:		
		8.1c	8.1d	8.7
	contained in an alloy)			
7440-66-6	Zinc (fume or dust)	66	34	NA
7550-45-0	Titanium tetrachloride	2	98	0
7632-00-0	Sodium nitrite	2	98	0
7637-07-2	Boron trifluoride	2	98	0
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	0	0	100
7664-39-3	Hydrogen fluoride	2	98	0
7664-41-7	Ammonia	0	40	60
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	0	0	100
7697-37-2	Nitric acid	0	0	100
7723-14-0	Phosphorus (yellow or white)	60	40	0
7726-95-6	Bromine	2	98	0
7758-29-4	Potassium bromate	2	98	0
7782-41-4	Fluorine	2	98	0
7782-49-2	Selenium	44	56	NA
7782-50-5	Chlorine	2	98	0
7803-51-2	Phosphine	2	98	0
8001-35-2	Toxaphene	62	1	37
10028-15-6	Ozone	2	98	0
10034-93-2	Hydrazine sulfate	2	98	0
10049-04-4	Chlorine dioxide	2	98	0
10061-02-6	trans-1,3-Dichloropropene	1	31	68
10294-34-5	Boron trichloride	2	98	0
12122-67-7	Zineb	0	2	98
12427-38-2	Maneb	2	98	0
13194-48-4	Ethoprop	10	29	61
13684-56-5	Desmedipham	5	9	86
15972-60-8	Alachlor	7	11	82
17804-35-2	Benomyl	1	49	50
19044-88-3	Oryzalin	3	49	48
19666-30-9	Oxydiazon	40	3	57
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	1	55	44
20816-12-0	Osmium tetroxide	2	98	0
20859-73-8	Aluminum phosphide	2	98	0
21087-64-9	Metribuzin	1	54	45
21725-46-2	Cyanazine	2	76	22
22781-23-3	Bendiocarb	1	23	76

CAS Number	Chemical Name <i>Arranged by CAS Number</i>	% of §6.1 to §:		
		8.1c	8.1d	8.7
23564-05-8	Thiophanate-methyl	1	25	74
23950-58-5	Pronamide	10	30	60
25321-14-6	Dinitrotoluene (mixed isomers)	1	53	46
25321-22-6	Dichlorobenzene (mixed isomers)	8	47	45
25376-45-8	Diaminotoluene (mixed isomers)	1	78	21
26002-80-2	Phenothrin	38	0	62
26471-62-5	Toluene diisocyanate (mixed isomers)	2	1	97
26628-22-8	Sodium azide	2	98	0
28249-77-6	Thiobencarb	8	35	57
30560-19-1	Acephate	1	55	44
34014-18-1	Tebuthiuron	2	77	21
34077-87-7	Dichlorotrifluoroethane	1	98	1
35367-38-5	Diflubenzuron	13	6	81
35554-44-0	Imazalil	15	21	64
40487-42-1	Pendimethalin	47	1	52
42874-03-3	Oxyfluorfen	39	3	58
43121-43-3	Triadimefon	3	48	49
51235-04-2	Hexazinone	19	16	65
52645-53-1	Permethrin	38	0	62
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	21	0	79
55290-64-7	Dimethipin	1	55	44
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1	23	76
57213-69-1	Triclopyr triethylammonium salt	1	25	74
59669-26-0	Thiodicarb	1	24	75
60207-90-1	Propiconazole	9	32	59
62476-59-9	Acifluorfen, sodium salt	12	25	63
64902-72-3	Chlorsulfuron	1	54	45
67485-29-4	Hydramethylnon	53	0	47
68359-37-5	Cyfluthrin	38	0	62
71751-41-2	Abamectin	44	2	54
72178-02-0	Fomesafen	3	47	50
77501-63-4	Lactofen	31	0	69
82657-04-3	Bifenthrin	38	0	62
88671-89-0	Myclobutanil	9	32	59
90982-32-4	Chlorimuron ethyl	1	23	76
101200-48-0	Tribenuron methyl	2	22	76
127564-92-5	Dichloropentafluoropropane	3	96	1
N010	Antimony Compounds	32	68	NA
N020	Arsenic Compounds	49	51	NA

Table IV. Removal and Destruction Rates for POTWs

CAS Number	Chemical Name <i>Arranged by CAS Number</i>	% of §6.1 to §:		
		8.1c	8.1d	8.7
N040	Barium Compounds	69	31	NA
N050	Beryllium Compounds	37	63	NA
N078	Cadmium Compounds	68	32	NA
N084	Chlorophenols	54	4	42
N090	Chromium Compounds (except chromite ore mined in the transvaal region)	76	24	NA
N096	Cobalt Compounds	32	68	NA
N100	Copper Compounds	72	28	NA
N106	Cyanide Compounds	2	98	0
N171	Ethylenebisdithiocarbamic acid, salts and esters	2	98	0
N230	Certain Glycol Ethers	0	8	92
N420	Lead Compounds	63	37	NA
N450	Manganese Compounds	39	61	NA
N458	Mercury Compounds	69	31	NA
N495	Nickel Compounds	38	62	NA
N503	Nicotine and salts	2	98	0

CAS Number	Chemical Name <i>Arranged by CAS Number</i>	% of §6.1 to §:		
		8.1c	8.1d	8.7
N511 ^a	Nitrate Compounds	0	10	90
N533	Nonylphenol	60	2	38
N590	Polycyclic Aromatic Compounds	92	7	1
N725	Selenium Compounds	44	56	NA
N740	Silver Compounds	66	34	NA
N746	Strychnine and salts	2	98	0
N760	Thallium Compounds	54	46	NA
N770	Vanadium Compounds	32	68	NA
N874	Warfarin And Salts	3	97	0
N982	Zinc Compounds	66	34	NA

^a N511: Nitrate compounds (water dissociable) are reportable only when in aqueous solution. Removal of nitrate compounds from wastewater and/or aqueous solution therefore constitutes treatment for destruction for TRI reporting purposes. Data source for nitrate removal rate is US EPA. [2012]. EPIWEB- Estimation Programs Interface Suite™ for Microsoft® Windows, v 4.11. Sewage Treatment Plant Model (STPWIN). United States Environmental Protection Agency, Washington, DC.