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# APPENDIX E

## REGULATORY MATRIX: TRI CHEMICALS IN OTHER FEDERAL PROGRAMS

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Many of the chemicals covered under TRI are also subject to other environmental laws. The following matrix indicates whether the currently listed TRI chemicals are subject to any of the following selected environmental laws:

1. EPCRA 302: EPCRA section 302 (codified at 40 CFR Part 355), facilities with listed extremely hazardous substances (EHSs) in quantities greater than their Threshold Planning Quantities (TPQs) must report to the State Emergency Response Commission. TPQs are based on a combination of acute toxicity and ability of the substance to become airborne. The list of EHSs and their TPQs can be found at 40 CFR Part 355 Appendix A. For more information, contact the EPCRA Information Hotline: 1-800-535-0202.
2. CAA 112: The Clean Air Act (CAA) section 112(b), National Emission Standards for Hazardous Air Pollutants (NESHAPS; codified at 40 CFR Part 61), lists the Hazardous Air Pollutants and includes emissions standards and monitoring requirements for plants with listed chemicals.
3. CERCLA: Under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA; 42 USC 9601 et seq.), releases of listed substances at or above their Reportable Quantities (RQs) must be reported to the National Response Center. RQs are set on the basis of aquatic toxicity, acute mammalian toxicity, ignitability, reactivity, chronic toxicity, and carcinogenicity, with possible adjustment on the basis of biodegradation, hydrolysis, and photolysis. The list of CERCLA hazardous substances and their RQs can be found at 40 CFR 302.4. For more information, contact the RCRA/Superfund Hotline: 1-800-424-9346.
4. FIFRA: The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) creates a statutory framework under which EPA, through a registration process, regulates the development, sale, distribution, and use of pesticides.
5. NPDWR: The National Primary Drinking Water Regulations (NPDWR) under the Safe Drinking Water Act, Subparts B and G (codified at 40 CFR Part 141) list Maximum

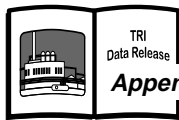


## **Appendix E — Regulatory Matrix**

Contaminant Levels (MCLs) for certain chemicals. The MCL is the maximum permissible level of a contaminant in public drinking water systems. MCLs are based on health factors, but are also required by law to reflect the technological and economic feasibility of removing the contaminant from the water supply. Further information is available from the Safe Drinking Water Hotline: 1-800-424-4791.

6. PPL: The Clean Water Act (CWA) regulates the discharge of pollutants into waterways by industrial sources, municipal sources, and other sources. These sources of water pollution are subject to effluent limitations based on guidelines and water quality standards. Approximately 125 pollutants make up a "Priority Pollutants List" (PPL). EPA has developed water quality criteria for all the priority pollutants.
7. RCRA (P/U): Under the Resource Conservation and Recovery Act (RCRA), hazardous waste is required to be managed "cradle to grave" (i.e., from the point of generation to the point of ultimate disposal). For a waste to be classified as hazardous, it can be an F, K, P, or U listed hazardous waste (40 CFR 261.30 - 261.33) or exhibit one of the following characteristics: ignitability, corrosivity, reactivity, or toxicity. The chemicals on the P and U list are commercial chemical products, off-specification species, container residues, and spill residues. The chemicals on the P list have been identified as acute hazardous waste; those on the U list have been identified as toxic waste. For more information, contact the RCRA/Superfund Hotline: 1-800-424-9346.

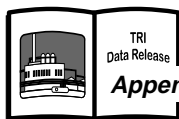
CAS Number <sup>①</sup>	Chemical	EPCRA CAA					RCRA		
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
75-07-0	Acetaldehyde		X	X					X
60-35-5	Acetamide		X	X					
75-05-8	Acetonitrile		X	X					X
53-96-3	2-Acetylaminofluorene		X	X					X
107-02-8	Acrolein	X	X	X	X		X	X	
79-06-1	Acrylamide	X	X	X		X			X
79-10-7	Acrylic acid		X	X					X
107-13-1	Acrylonitrile	X	X	X			X		X
309-00-2	Aldrin	X		X			X	X	
107-18-6	Allyl alcohol	X		X				X	
107-05-1	Allyl chloride		X	X					
7429-90-5	Aluminum (fume or dust)								
1344-28-1	Aluminum oxide (fibrous forms)								
117-79-3	2-Aminoanthraquinone								
60-09-3	4-Aminoazobenzene								
92-67-1	4-Aminobiphenyl		X	X					
82-28-0	1-Amino-2-methylantraquinone								
61-82-5	Amitrole			X	X				X
7664-41-7	Ammonia	X		X					
6484-52-2	Ammonium nitrate (solution)								
7783-20-2	Ammonium sulfate (solution)								
62-53-3	Aniline	X	X	X					X
90-04-0	o-Anisidine		X	X					
104-94-9	p-Anisidine								
134-29-2	o-Anisidine hydrochloride								
120-12-7	Anthracene			X			X		
7440-36-0	Antimony		X	X		X	X		
—	Antimony compounds		X	X		X			
7440-38-2	Arsenic		X	X		X	X		
—	Arsenic compounds		X	X		X			
1332-21-4	Asbestos (friable)		X	X		X	X		
7440-39-3	Barium					X			
—	Barium compounds					X			
98-87-3	Benzal chloride	X		X					X
55-21-0	Benzamide								
71-43-2	Benzene		X	X		X	X		X
92-87-5	Benzidine		X	X			X		X
98-07-7	Benzoic trichloride	X	X	X					X
98-88-4	Benzoyl chloride			X					
94-36-0	Benzoyl peroxide								
100-44-7	Benzyl chloride	X	X	X				X	
7440-41-7	Beryllium		X	X		X	X		
—	Beryllium compounds		X	X		X			
92-52-4	Biphenyl		X	X	X				
111-91-1	Bis(2-chloroethoxy) methane			X				X	
111-44-4	Bis(2-chloroethyl) ether	X	X	X			X		X
542-88-1	Bis(chloromethyl) ether	X	X	X			X	X	
108-60-1	Bis(2-chloro-1-methylethyl) ether			X			X		X
103-23-1	Bis(2-ethylhexyl) adipate					X			
353-59-3	Bromochlorodifluoromethane (Halon 1211)			X					
75-25-2	Bromoform		X	X		X	X		X
74-83-9	Bromomethane	X	X	X	X		X		X



**Appendix E — Regulatory Matrix**

CAS Number <sup>①</sup>	Chemical	EPCRA CAA					RCRA	RCRA	
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
75-63-8	Bromotrifluoromethane (Halon 1301)			X					
106-99-0	1,3-Butadiene		X	X					
141-32-2	Butyl acrylate								
71-36-3	n-Butyl alcohol			X					X
78-92-2	sec-Butyl alcohol								
75-65-0	tert-Butyl alcohol								
106-88-7	1,2-Butylene oxide		X	X					
123-72-8	Butyraldehyde								
4680-78-8	C.I. Acid Green 3								
569-64-2	C.I. Basic Green 4								
989-38-8	C.I. Basic Red 1								
1937-37-7	C.I. Direct Black 38								
2602-46-2	C.I. Direct Blue 6								
16071-86-6	C.I. Direct Brown 95								
2832-40-8	C.I. Disperse Yellow 3								
3761-53-3	C.I. Food Red 5								
81-88-9	C.I. Food Red 15								
3118-97-6	C.I. Solvent Orange 7								
97-56-3	C.I. Solvent Yellow 3								
842-07-9	C.I. Solvent Yellow 14								
492-80-8	C.I. Solvent Yellow 34			X					X
128-66-5	C.I. Vat Yellow 4								
7440-43-9	Cadmium		X	X		X	X		
—	Cadmium compounds		X	X		X			
156-62-7	Calcium cyanamide		X	X					
133-06-2	Captan		X	X	X				
63-25-2	Carbaryl		X	X	X				
75-15-0	Carbon disulfide	X	X	X				X	
56-23-5	Carbon tetrachloride		X	X		X	X		X
463-58-1	Carbonyl sulfide		X	X					
120-80-9	Catechol		X	X					
133-90-4	Chloramben		X	X					
57-74-9	Chlordane	X	X	X	X	X	X		X
7782-50-5	Chlorine	X	X	X	X				
10049-04-4	Chlorine dioxide				X				
79-11-8	Chloroacetic acid	X	X	X					
532-27-4	2-Chloroacetophenone		X	X					
108-90-7	Chlorobenzene		X	X		X	X		X
510-15-6	Chlorobenzilate		X	X					X
75-68-3	1-Chloro-1,1-difluoroethane								
75-45-6	Chlorodifluoromethane								
75-00-3	Chloroethane		X	X			X		
67-66-3	Chloroform	X	X	X		X	X		X
74-87-3	Chloromethane		X	X			X		X
107-30-2	Chloromethyl methyl ether	X	X	X					X
—	Chlorophenols			X					
126-99-8	Chloroprene		X	X					
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane								
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane								
63938-10-3	Chlorotetrafluoroethane								
1897-45-6	Chlorothalonil				X				
7440-47-3	Chromium		X	X		X	X		
—	Chromium compounds		X	X		X			
7440-48-4	Cobalt		X						

CAS Number <sup>1</sup>	Chemical	EPCRA CAA					RCRA	RCRA
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P
—	Cobalt compounds		X	X				
7440-50-8	Copper			X	X	X	X	
—	Copper compounds			X	X	X		
8001-58-9	Creosote			X	X			X
120-71-8	p-Cresidine							
1319-77-3	Cresol (mixed isomers)		X	X				X
108-39-4	m-Cresol		X	X	X			
95-48-7	o-Cresol	X	X	X				
106-44-5	p-Cresol		X	X				
98-82-8	Cumene		X	X				X
80-15-9	Cumene hydroperoxide			X				X
135-20-6	Cupferron							
—	Cyanide compounds	X	X	X		X		
110-82-7	Cyclohexane			X				X
94-75-7	2,4-D (acetic acid)		X	X	X	X		X
1163-19-5	Decabromodiphenyl oxide							
2303-16-4	Diallate			X				X
615-05-4	2,4-Diaminoanisole							
39156-41-7	2,4-Diaminoanisole sulfate							
101-80-4	4,4'-Diaminodiphenyl ether							
25376-45-8	Diaminotoluene (mixed isomers)			X				X
95-80-7	2,4-Diaminotoluene		X	X				X
334-88-3	Diazomethane		X	X				
132-64-9	Dibenzofuran		X	X				
96-12-8	1,2-Dibromo-3-chloropropane		X	X		X		X
106-93-4	1,2-Dibromoethane		X	X	X	X		X
124-73-2	Dibromotetrafluoroethane (Halon 2402)			X				
84-74-2	Dibutyl phthalate		X	X			X	X
25321-22-6	Dichlorobenzene (mixed isomers)			X			X	
95-50-1	1,2-Dichlorobenzene			X		X	X	X
541-73-1	1,3-Dichlorobenzene			X			X	X
106-46-7	1,4-Dichlorobenzene		X	X	X	X	X	X
91-94-1	3,3'-Dichlorobenzidine		X	X			X	X
75-27-4	Dichlorobromomethane			X		X	X	
764-41-0	4,4-Dichloro-2-butene			X				X
75-71-8	Dichlorodifluoromethane (CFC-12)			X				X
107-06-2	1,2-Dichloroethane		X	X	X	X	X	X
540-59-0	1,2-Dichloroethylene							
1717-00-6	1,1-Dichloro-1-fluoroethane							
75-09-2	Dichloromethane		X	X		X	X	X
120-83-2	2,4-Dichlorophenol			X			X	X
78-87-5	1,2-Dichloropropane		X	X		X	X	X
78-88-6	2,3-Dichloropropene			X				
542-75-6	1,3-Dichloropropylene		X	X	X		X	X
76-14-2	Dichlorotetrafluoroethane			X				
34077-87-7	Dichlorotrifluoroethane							
306-83-2	1,1-Dichloro-1,2,2-trifluoroethane							
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane							
90454-18-5	Dichloro-1,1,2-trifluoroethane							
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane							
62-73-7	Dichlorvos	X	X	X	X			
115-32-2	Dicofol			X	X			
1464-53-5	Diepoxybutane	X		X				X



**Appendix E — Regulatory Matrix**

CAS Number <sup>1</sup>	Chemical	EPCRA CAA						RCRA	RCRA
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
111-42-2	Diethanolamine		X	X					
117-81-7	Di-(2-ethylhexyl) phthalate		X	X		X	X		X
84-66-2	Diethyl phthalate			X			X		X
64-67-5	Diethyl sulfate		X	X					
94-58-6	Dihydrosafrole			X					X
119-90-4	3,3'-Dimethoxybenzidine		X	X					X
60-11-7	4-Dimethylaminoazobenzene		X	X					X
119-93-7	3,3'-Dimethylbenzidine		X	X					X
79-44-7	Dimethylcarbamyl chloride		X	X					X
57-14-7	1,1-Dimethyl hydrazine	X	X	X					X
105-67-9	2,4-Dimethylphenol			X	X		X		X
131-11-3	Dimethyl phthalate		X	X			X		X
99-65-0	m-Dinitrobenzene			X					
528-29-0	o-Dinitrobenzene			X					
100-25-4	p-Dinitrobenzene			X					
534-52-1	4,6-Dinitro-o-cresol	X	X	X	X		X	X	
51-28-5	2,4-Dinitrophenol		X	X			X	X	
121-14-2	2,4-Dinitrotoluene		X	X			X		X
606-20-2	2,6-Dinitrotoluene			X			X		X
25321-14-6	Dinitrotoluene (mixed isomers)			X			X		
123-91-1	1,4-Dioxane		X	X					X
122-66-7	1,2-Diphenylhydrazine		X	X			X		X
106-89-8	Epichlorohydrin	X	X	X		X			X
110-80-5	2-Ethoxyethanol		X	X					X
140-88-5	Ethyl acrylate		X	X					X
100-41-4	Ethylbenzene		X	X		X	X		
541-41-3	Ethyl chloroformate								
74-85-1	Ethylene				X				
—	Ethylenebisdithiocarbamic acid, salts and esters			X					X
107-21-1	Ethylene glycol		X	X					
151-56-4	Ethyleneimine	X	X	X				X	
75-21-8	Ethylene oxide	X	X	X	X				X
96-45-7	Ethylene thiourea		X	X					X
75-34-3	Ethylidene dichloride			X					X
2164-17-2	Fluometuron				X				
50-00-0	Formaldehyde	X	X	X	X				X
64-18-6	Formic acid			X					X
76-13-1	Freon 113								
—	Glycol ethers		X	X					
76-44-8	Heptachlor		X	X	X	X	X	X	
118-74-1	Hexachlorobenzene		X	X		X	X		X
87-68-3	Hexachloro-1,3-butadiene		X	X			X		X
77-47-4	Hexachlorocyclopentadiene	X	X	X		X	X		X
67-72-1	Hexachloroethane		X	X			X		X
1335-87-1	Hexachloronaphthalene								
70-30-4	Hexachlorophene			X					X
680-31-9	Hexamethylphosphoramide		X	X					
302-01-2	Hydrazine	X	X	X					X
10034-93-2	Hydrazine sulfate								
7647-01-0	Hydrochloric acid	X	X	X	X				
74-90-8	Hydrogen cyanide	X		X		X		X	
7664-39-3	Hydrogen fluoride	X	X	X					X
123-31-9	Hydroquinone	X	X	X					
78-84-2	Isobutyraldehyde								

CAS Number <sup>1</sup>	Chemical	EPCRA CAA					RCRA	RCRA
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P
67-63-0	Isopropyl alcohol (manufacturing)				X			
80-05-7	4,4'-Isopropylidenediphenol							
120-58-1	Isosafrole			X				X
7439-92-1	Lead		X	X		X	X	
—	Lead compounds		X	X		X		
58-89-9	Lindane	X	X	X	X	X	X	X
108-31-6	Maleic anhydride		X	X				X
109-77-3	Malononitrile			X				X
12427-38-2	Maneb				X			
7439-96-5	Manganese		X					
—	Manganese compounds		X	X				
7439-97-6	Mercury		X	X		X	X	
—	Mercury compounds		X	X		X		
126-98-7	Methacrylonitrile	X		X				X
67-56-1	Methanol		X	X	X			X
72-43-5	Methoxychlor		X	X	X	X		X
109-86-4	2-Methoxyethanol		X		X			
96-33-3	Methyl acrylate							
79-22-1	Methyl chlorocarbonate			X				X
109-06-8	2-Methylpyridine			X				X
1634-04-4	Methyl tert-butyl ether		X	X				
101-14-4	4,4'-Methylenebis (2-chloroaniline)		X	X				X
101-61-1	4,4'-Methylenebis(N,N-dimethyl) benzeneamine							
101-68-8	Methylenebis(phenylisocyanate)		X	X				
74-95-3	Methylene bromide			X				X
101-77-9	4,4'-Methylenedianiline		X	X				
78-93-3	Methyl ethyl ketone		X	X				X
60-34-4	Methyl hydrazine	X	X	X			X	
74-88-4	Methyl iodide		X	X				X
108-10-1	Methyl isobutyl ketone		X	X				X
624-83-9	Methyl isocyanate	X	X	X			X	
80-62-6	Methyl methacrylate		X	X				X
90-94-8	Michler's ketone							
1313-27-5	Molybdenum trioxide							
76-15-3	Monochloropentafluoroethane (CFC-115)			X				
505-60-2	Mustard gas	X						
91-20-3	Naphthalene		X	X	X		X	X
134-32-7	alpha-Naphthylamine			X				X
91-59-8	beta-Naphthylamine			X				X
7440-02-0	Nickel		X	X		X	X	
—	Nickel compounds		X	X				
7697-37-2	Nitric acid	X		X				
139-13-9	Nitrilotriacetic acid							
99-59-2	5-Nitro-o-anisidine							
99-55-8	5-Nitro-o-toluidine			X				X
98-95-3	Nitrobenzene	X	X	X		X		X
92-93-3	4-Nitrobiphenyl		X	X				
1836-75-5	Nitrofen							
51-75-2	Nitrogen mustard	X						
55-63-0	Nitroglycerin			X			X	
88-75-5	2-Nitrophenol			X		X		
100-02-7	4-Nitrophenol		X	X	X	X		X



Appendix E — Regulatory Matrix

CAS Number <sup>1</sup>	Chemical	EPCRA CAA					RCRA	RCRA	
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
79-46-9	2-Nitropropane		X	X					X
156-10-5	p-Nitrosodiphenylamine								
121-69-7	N,N-Dimethylaniline		X	X					
924-16-3	N-Nitrosodi-n-butylamine			X					X
55-18-5	N-Nitrosodiethylamine			X					X
62-75-9	N-Nitrosodimethylamine	X	X	X			X	X	
86-30-6	N-Nitrosodiphenylamine			X			X		
621-64-7	N-Nitrosodi-n-propylamine			X			X		X
4549-40-0	N-Nitrosomethylvinylamine			X				X	
59-89-2	N-Nitrosomorpholine		X	X					
759-73-9	N-Nitroso-N-ethylurea			X					X
684-93-5	N-Nitroso-N-methylurea		X	X					X
16543-55-8	N-Nitrosornicotine								
100-75-4	N-Nitrosopiperidine			X					X
2234-13-1	Octochloronaphthalene								
20816-12-0	Osmium tetroxide			X				X	
123-63-7	Paraldehyde			X					X
56-38-2	Parathion	X	X	X	X			X	
76-01-7	Pentachloroethane			X					X
87-86-5	Pentachlorophenol		X	X	X	X	X		X
79-21-0	Peracetic acid	X			X				
108-95-2	Phenol	X	X	X	X		X		X
106-50-3	p-Phenylenediamine		X	X					
90-43-7	2-Phenylphenol				X				
75-44-5	Phosgene	X	X	X				X	
7664-38-2	Phosphoric acid			X	X				
7723-14-0	Phosphorus (yellow or white)	X	X	X	X				
85-44-9	Phthalic anhydride		X	X					X
88-89-1	Picric acid								
—	Polybrominated biphenyls								
1336-36-3	Polychlorinated biphenyls (PCBs)		X	X		X			
23950-58-5	Pronamide			X					X
1120-71-4	Propane sultone		X	X					X
57-57-8	beta-Propiolactone	X	X	X					
123-38-6	Propionaldehyde		X	X					
114-26-1	Propoxur		X	X	X				
115-07-1	Propylene								
75-55-8	Propyleneimine	X	X	X				X	
75-56-9	Propylene oxide	X	X	X	X				
110-86-1	Pyridine			X					X
91-22-5	Quinoline		X	X					
106-51-4	Quinone		X	X					X
82-68-8	Quintozene		X	X	X				X
81-07-2	Saccharin (manufacturing)			X					X
94-59-7	Safrole			X					X
7782-49-2	Selenium		X	X		X	X		
—	Selenium compounds		X	X		X			
7440-22-4	Silver			X	X		X		
—	Silver compounds			X	X				
100-42-5	Styrene		X	X		X			
96-09-3	Styrene oxide		X	X					
7664-93-9	Sulfuric acid (acid aerosols)	X		X	X				
630-20-6	1,1,1,2-Tetrachloroethane			X					X
79-34-5	1,1,2,2-Tetrachloroethane		X	X			X		X
127-18-4	Tetrachloroethylene		X	X		X	X		X



CAS Number <sup>1</sup>	Chemical	EPCRA CAA					RCRA	RCRA	
		302	112(b)	CERCLA	FIFRA	NPDWR	PPL	P	U
961-11-5	Tetrachlorvinphos				X				
7440-28-0	Thallium			X		X	X		
62-55-5	Thioacetamide			X					X
139-65-1	4,4'-Thiodianiline								
62-56-6	Thiourea			X					X
137-26-8	Thiram			X	X				X
1314-20-1	Thorium dioxide								
7550-45-0	Titanium tetrachloride	X	X	X					
108-88-3	Toluene		X	X		X	X		X
584-84-9	Toluene-2,4-diisocyanate	X	X	X					X
91-08-7	Toluene-2,6-diisocyanate	X		X					X
26471-62-5	Toluenediisocyanate (mixed isomers)	X		X					X
95-53-4	o-Toluidine		X	X					X
636-21-5	o-Toluidine hydrochloride			X					X
8001-35-2	Toxaphene	X	X	X	X	X	X	X	
68-76-8	Triaziquone								
52-68-6	Trichlorfon			X	X				
120-82-1	1,2,4-Trichlorobenzene		X	X		X	X		
71-55-6	1,1,1-Trichloroethane		X	X	X	X	X		X
79-00-5	1,1,2-Trichloroethane		X	X		X	X		X
79-01-6	Trichloroethylene		X	X		X	X		X
75-69-4	Trichlorofluoromethane (CFC-11)			X					X
95-95-4	2,4,5-Trichlorophenol		X	X					X
88-06-2	2,4,6-Trichlorophenol		X	X			X		X
1582-09-8	Trifluralin		X	X	X				
95-63-6	1,2,4-Trimethylbenzene								
126-72-7	Tris(2,3-dibromopropyl) phosphate			X					X
72-57-1	Trypan blue			X					X
51-79-6	Urethane		X	X					X
7440-62-2	Vanadium (fume or dust)								
108-05-4	Vinyl acetate	X	X	X					
593-60-2	Vinyl bromide		X	X					
75-01-4	Vinyl chloride		X	X		X	X		X
75-35-4	Vinylidene chloride		X	X		X	X		X
—	Warfarin and salts			X				X	X
1330-20-7	Xylene (mixed isomers)		X	X	X	X			X
108-38-3	m-Xylene		X	X					X
95-47-6	o-Xylene		X	X					X
106-42-3	p-Xylene		X	X					X
87-62-7	2,6-Xylidine								
7440-66-6	Zinc (fume or dust)			X	X		X		
—	Zinc compounds			X	X				
12122-67-7	Zineb								

<sup>1</sup> Compound categories do not have CAS numbers (—).