

Massachusetts Department of Environmental Protection
 Source Water Assessment Program

February 2017

Land Use/Associated Contaminants Matrix

AGRICULTURAL	Contaminants of Concern	
Livestock Operation	MIC/IOC nitrate	nitrite
Dairy Farms	MIC/IOC nitrate nitrite lindane methoxychlor	2,4-D glyphosate dicamba EPTC
Fertilizer Storage or Use	IOC cyanide nitrate	nitrite fluoride
Forestry Operations	VOC turbidity benzene toluene ethylbenzene xylene	naphthalene 2-methylnaphthalene phenanthrene anthracene lindane
Manure Spreading or Storage	MIC/IOC nitrate	nitrite
Nurseries	SOC methoxychlor carbaryl	dimethoate disulfoton

Pesticide/Herbicide Storage or Use	SOC alachlor aldicarb aldicarb sulfoxide aldicarb sulfone atrazine carbofuran 2,4 -D lindane methoxychlor diquat endothal glyphosate hexachlorobenzene hexachlorocyclopentadien e oxamyl picloram simazine butachlor carbaryl dicamba 3-hydroxycarbofuran methomyl metolachlor metribuzin propachlor endosulfan acetochlor alachlor ESA	atrazine-desethyl cyanazine diazinon dimethoate disulfoton diuron fonofos linuron terbufos terbacil molinate 2,4,6 trichlorophenol methyl bromide prometon nitrobenzene acetone PCE TCE xylene 1,1,1,2 tetrachloroethane 1,3 dichloropropene m-dichlorobenzene nitrobenzene chlorodibromomethane trichloromethane chloromethane bromomethane selenium
Slaughterhouses	MIC/IOC nitrate	nitrite arsenic

COMMERCIAL

Contaminants of Concern

<p>Airports</p>	<p>VOC/SOC/IOC benzene toluene ethylbenzene xylene n-propylbenzene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE 1,2,4 trimethylbenzene 1,3,5 trimethylbenzene cumene 2,4-D 2,4,5-TP dalapon diquat glyphosate carbon tetrachloride</p>	<p>o-dichlorobenzene 1,2 DCE chlorobenzene 1,1,1 TCA 1,1 DCA 1,2 DCA 1,1,2,2 tetrachloroethane PCE TCE methylene chloride methoxychlor heptachloroepoxide endosulfan cadmium mercury beryllium nickel phenol bromobenzene hexachlorobutadiene</p>
<p>Auto Repair Shops</p>	<p>VOC/IOC/SOC benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane</p>	<p>chlorobenzene tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA methylene chloride 1,2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,l) perylene chrysene fluoranthene fluorene pyrene phenol chloroethane bromobenzene hexachlorobutadiene</p>

Boat Yards/Builders	VOC/SOC/IOC toluene benzene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane chlorobenzene	tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA methylene chloride 1,2 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene phenol bromobenzene hexachlorobutadiene
Bus and Truck Terminals	VOC/SOC/IOC toluene benzene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane chlorobenzene	tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA methylene chloride 1,2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene phenol chloromethane 1,3 dichloropropane hexachlorobutadiene 2-methylphenol
Car Washes	SURF/VOC/SOC toluene benzene ethylbenzene xylene naphthalene	2-methylnaphthalene EDB 1,2,4 trimethylbenzene MTBE sodium

Cemeteries	SOC/IOC arsenic atrazine 2,4-D methoxychlor glyphosate simazine carbaryl	dicamba picloram diazinon pentachlorophenol phenol nitrate nitrite
Dry Cleaners	VOC PCE TCE	1,2 dichloropropane 1,1,1 TCA
Funeral Homes	VOC chloroform pentachlorophenol	phenol
Furniture Stripping and Refinishing	VOC/IOC methylene chloride benzene chlorobenzene o-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1,2 dichloropropane 1,1,1 TCA TCE toluene xylene phenol 1,1,2,2 tetrachloroethane tetrachloroethane	carbon tetrachloride MEK MIBK methyl bromide acetone dimethyl phthalate pentachlorophenol antimony barium cadmium mercury lead zinc chromium ethylbenzene
Gas/Service Stations	VOC/SOC/IOC toluene benzene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane	chlorobenzene tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA methylene chloride 1, 2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene fluorotrchloromethane 2-methylphenol

Golf Courses	SOC/IOC atrazine 2,4-D methoxychlor glyphosate simazine carbaryl dicamba	picloram diazinon nitrate nitrite arsenic cadmium mercury cyanide
Junk Yards and Salvage Yards	VOC/SOC/IOC benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs	o-dichlorobenzene 1,2 dichloropropane chlorobenzene tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA methylene chloride 1,2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene
Laundromats	MIC/SURF/VOC xylene carbon tetrachloride benzene	TCE 1,1,1 TCA boron
Medical Facilities	MIC/RAD/IOC/VOC legionella arsenic benzene bromoform chloroform chromium 1,1 DCA mercury methylene chloride phenanthrene phenol selenium silver toluene TCE zinc pentachlorophenol 1,1 dichlorobenzene	p-dichlorobenzene styrene thallium acetone 1,2 DCE dichlorodifluoromethane trichlorofluoromethane epichlorohydrin 1,1,1,2 tetrachloromethane 1,3 dichloropropane radium iodine manganese 2,4,6 trichlorophenol 2,4 dintrophenol 1,2 diphenylhydrazine 2 -methylphenol MTBE nitrobenzene
Nursing Homes	MIC	legionella

Paint Shops	VOC/IOC/SOC acetone methylene chloride benzene chlorobenzene o-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1,2 dichloropropane 1,1,1 TCA TCE toluene xylene phenol 1,1,2,2 tetrachloroethane TCE carbon tetrachloride MEK	MIBK methyl bromide dimethyl phthalate pentachlorophenol antimony barium cadmium mercury lead zinc chromium PCE ethylbenzene trichloromethane 1,2,4 trimethylbenzene cyanide di(2-ethylhexyl) phthalate hexylphthalate dichlorofluoromethane boron
Photo Processors	VOC/IOC/SOC cyanide 2,4 dinitrophenol cadmium	silver diethyl phthalate phenol selenium
Printer and Blueprint Shops	VOC/IOC barium cadmium chromium cobalt lead selenium MEK MIBK methylene chloride silver TCE PCE cumene ethylbenzene	antimony cyanide xylene 1,1,1 TCA 1,1,2 TCA benzene toluene acetone 2,4 dinitrophenol naphthalene ethylbenzene nitrate zinc

Railroad Tracks and Yards	VOC/SOC/IOC 2,4-D glyphosate picloram diquat ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs	o-dichlorobenzene 1,2 dichloropropane chlorobenzene tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA methylene chloride 1,2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene bromobenzene
Repair Shops (Small Engine, Appliances, etc.)	VOC benzene carbon tetrachloride o-dichlorobenzene 1,2 dichloropropane chlorobenzene 1,1,1 TCA TCE toluene 1,1 DCA 1,2 DCA fluorotrichloromethane	dichlorodifluoromethane 1,1,2,2 tetrachloroethane acetone naphthalene mercury thallium antimony methylene chloride 1,2,4 trichlorobenzene methyl bromide nitrobenzene
Research Laboratories	VOC/SOC/ MIC/RAD/IOC silver pyrene phenanthrene methylene chloride acetone thallium selenium arsenic	benzene 1,1 DCA styrene toluene TCE pentachlorophenol dichlorodifluoromethane uranium manganese
Rust Proofers	VOC/IOC zinc	phenol 1,1,1,2 tetrachloroethane
Sand and Gravel Mining/Washing	VOC benzene toluene ethylbenzene	xylene naphthalene 2-methylnaphthalene phenanthrene

INDUSTRIAL	Contaminants of Concern	
Asphalt, Coal Tar, and Concrete Plants	VOC/SOC TCE 1,1,1 TCA 1,2 DCE methylene chloride chloroform MEK toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene benzo(a)pyrene	dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene sulfate

Chemical Manufacture or Storage	VOC/SOC/IOC benzene toluene xylene TCE methylene chloride hexachlorobenzene dioxin o-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,2 dichloropropane ethylbenzene PCE vinyl chloride tribromomethane 1,1,2,2 tetrachloroethane mercury acetone phenol silver 1,1,2 TCA 2,4 dichlorophenol 2,4 dinitrotoluene methyl bromide chromium sodium MEK MIBK naphthalene nickel nitrate chlorobenzene MTBE antimony barium chromium lead tert butylbenzene sec butylbenzene	hexachlorobutadiene 1,2,3 trichlorobenzene p-dichlorobenzene bromobenzene 1,3 dichloropropene chloromethane chlorobenzene acrylamide epichlorohydrin hexachloropentadiene diethyl phthalate di(2-ethylhexyl)phthalate bromodichloromethane dibromomethane 1,1,1 TCA toluene MTBE MEK MIBK nitrate antimony barium nickel aluminum chromium nickel zinc cyanide styrene cumene bis 2 chloroethylether p-chloroaniline 2,4 dimethylphenol methyl mercury 2- methyl naphthalene 2,4,5 trichlorophenol 2,4,6 trichlorophenol 2,6 nitrotoluene nitrobenzene sodium
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Electronics Manufacture	VOC/IOC/SOC carbon tetrachloride TCE PCE arsenic mercury antimony beryllium thallium acetone MEK toluene xylene methylene chloride styrene lead	barium arsenic silver selenium zinc nickel cyanide chromium cadmium barium nitrate di(2-ethylhexyl)phthalate dichlorofluoromethane 2-methylphenol
Electroplaters	VOC/IOC carbon tetrachloride 1,2 dichloropropane chlorobenzene PCE 1,1,1 TCA TCE o-dichlorobenzene 1,1 DCA	1,2 DCA 1,1,2,2 tetrachloroethane cadmium chromium cyanide nickel phenol
Food Processors	MIC/IOC nitrate nickel barium	xylene zinc phenol bromomethane
Foundries or Metal Fabricators	VOC/IOC/SOC carbon tetrachloride 1,2 DCA 1,1 DCA 1,2 dichloropropane chlorobenzene PCE 1,1,1 TCA 1,1,2,2 TCA naphthalene arsenic cadmium chromium antimony cyanide selenium nickel methylene chloride antimony zinc barium silver lead vanadium	acetone phenol TCE toluene MEK MIBK xylene ethylbenzene nitrate dichlorofluoromethane hexachlorobenzene di(2-ethylhexyl)phthalate styrene dimethyl phthalate sodium manganese boron aluminum o-dichlorobenzene trichlorofluoromethane 1,1,2 TCA pyridine

<p>Fuel Oil Distributors</p>	<p>VOC/SOC/IOC pyrene fluorene fluoranthene benzoanthracene chrysene benzo(a)pyrene phenanthrene naphthalene 2-methylnaphthalene benzene xylene dibenzo(a,h)anthracene ethylbenzene xylene toluene arsenic</p>	<p>cadmium chromium lead nickel zinc vanadium MTBE MIBK cumene methylene chloride MEK TCE 111 TCA PCE 1,3,5 trimethylbenzene</p>
<p>Gasification Plants (Oil or Coal)</p>	<p>VOC/SOC/IOC benzo(a)pyrene naphthalene barium cadmium chromium nitrate selenium antimony cyanide nickel acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(a,k)flouranthene</p>	<p>benzo(g,h,i)perylene chrysene benzo(a,h)anthracene 2,4 dimethylphenol fluorothene fluorene 2-methylnaphthalene phenanthrene phenol pyrene sulfate 2-methylphenol vanadium zinc</p>

<p>Hazardous Waste Storage, Treatment and Recycling</p>	<p>VOC/SOC/IOC PCBs pentachlorophenol hexachlorobenzene benzene carbon tetrachloride o-dichlorobenzene p-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1, 2 dichloropropane ethylbenzene chlorobenzene styrene PCE 1,1,1 TCA TCE toluene vinyl chloride xylene tribromomethane 1,1,2,2 tetrachloroethane 1,2,3 trichloropropane naphthalene fluorotrichloromethane dichlorofluoromethane asbestos arsenic barium cadmium chromium mercury</p>	<p>selenium antimony beryllium cyanide nickel thallium lead acetone di(2-ethylhexyl)phthalate 2-chlorophenol fluorene hexachloroethane MEK MIBK methylene chloride phenanthrene phenol pyrene silver 1,2,4 trichlorobenzene 1,1,2 trichloroethane 2,4,6 trichlorophenol 2,4 dichlorophenol 2,4 dinitrophenol methyl bromide zinc p-chlorotoluene bromobenzene 1,3,5 trimethylbenzene 1,2,3 trichlorobenzene n-butyl benzene hexachlorobutadiene cumene</p>
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Industrial Lagoons and Pits	VOC/SOC/IOC PCBs pentachlorophenol hexachlorobenzene benzene carbon tetrachloride o-dichlorobenzene p-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1,2 dichloropropane ethylbenzene chlorobenzene styrene PCE 111TCA TCE toluene vinyl chloride xylene tribromomethane 1,1,2,2 tetrachloroethane 1,2,3 trichloropropane naphthalene fluorotrichloromethane dichlorofluoromethane asbestos asenic	barium cadmium chromium mercury selenium antimony beryllium cyanide nickel thallium lead acetone di(2-ethylhexyl)phthalate 2-chlorophenol fluorene hexachloroethane MEK MIBK methylene chloride phenanthrene phenol pyrene silver 1,2,4 trichlorobenzene 1,1,2 trichloroethane 2,4,6 trichlorophenol 2,4 dichlorophenol 2,4 dinitrophenol methyl bromide zinc
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Industrial Parks	VOC/SOC/IOC PCBs pentachlorophenol hexachlorobenzene benzene carbon tetrachloride o-dichlorobenzene p-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1,2 dichloropropane ethylbenzene chlorobenzene styrene PCE 1,1,1 TCA TCE toluene vinyl chloride xylene tribromomethane 1,1,2,2 tetrachloroethane 1,2,3 trichloropropane naphthalene fluorotrichloromethane dichlorofluoromethane asbestos arsenic barium cadmium chromium mercury selenium antimony	beryllium cyanide nickel thallium lead acetone di(2-ethylhexyl)phthalate 2-chlorophenol fluorene hexachloroethane MEK MIBK methylene chloride phenanthrene phenol pyrene silver 1,2,4 trichlorobenzene 1,1,2 trichloroethane 2,4,6 trichlorophenol 2,4 dichlorophenol 2,4 dinitrophenol methyl bromide zinc dimethyl phthalate diethyl phthalate nitrate aluminum acrylamide 1,3 dichloropropane epichlorohydrin 1,2,4 trimethylbenzene 1,3,5 trimethylbenzene 1,2 diphenylhydrazine aluminum
Jewelry or Metalplating	VOC/IOC carbon tetrachloride 1,2 dichloropropane chlorobenzene PCE 1,1,1-TCA TCE o-dichlorobenzene 1,1 DCA 1,2 DCA 1,1,2,2 tetrachloroethane cadmium chromium cyanide nickel phenol barium aluminum	lead silver zinc nitrate toluene xylene methylene chloride MEK MIBK acetone ethylbenzene o-dichlorobenzene trichlorofluoromethane 1,1,2 TCA pyridine

Machine/ Metalworking Shops	VOC/IOC carbon tetrachloride 1,2 DCA 1,1 DCA 1,2 dichloropropane chlorobenzene PCE 1,1,1 TCA 1,1,2,2 tetrachloroethane naphthalene arsenic cadmium chromium antimony cyanide selenium nickel methylene chloride phenol	silver barium lead zinc nitrate styrene ethylbenzene MEK MIBK toluene acetone PCE TCE xylene nitrobenzene o-dichlorobenzene trichlorofluoromethane 1,1,2 TCA pyridine
Metal and Drum Cleaning/Reconditioning	VOC/SOC/IOC PCBs pentachlorophenol hexachlorobenzene benzene carbon tetrachloride o-dichlorobenzene p-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1,2 dichloropropane ethylbenzene chlorobenzene styrene PCE 1,1,1 TCA TCE toluene vinyl chloride xylene tribromomethane 1,1,2,2 tetrachloroethane 1,2,3 trichloropropane naphthalene fluorotrichloromethane dichlorofluoromethane asbestos arsenic	barium cadmium chromium mercury selenium antimony beryllium cyanide nickel thallium lead acetone di(2-ethylhexyl)phthalate 2-chlorophenol fluorene hexachloroethane MEK MIBK methylene chloride phenanthrene phenol pyrene silver 1,2,4 trichlorobenzene 1,1,2 trichloroethane 2,4,6 trichlorophenol 2,4 dichlorophenol 2,4 dinitrophenol methyl bromide zinc
Nuclear Power Plants	MIC/RAD/IOC radium 226 radium 228 radium 222 Gross Beta Gross Alpha	cadmium uranium beryllium strontium boron vanadium

Paper Manufacture	VOC/IOC aluminum antimony zinc MEK	xylene toluene phenol
Pharmaceutical Manufacture	VOC/SOC dichlorodifluoromethane methylene chloride trichlorofluoromethane	1,3 dichloropropane nitrobenzene manganese
Plastic Manufacture	VOC/SOC/IOC aluminum antimony barium methylene chloride diethyl phthalate epichlorohydrin ethylbenzene lead MEK MIBK nitrate phenol styrene	toluene 1,2,4 trimethylbenzene xylene zinc PCE TCE difluorochloromethane cyanide nickel chromium cadmium silver acetone
RCRA TSDF Facilities	VOC/SOC/IOC PCBs pentachlorophenol hexachlorobenzene benzene carbon tetrachloride o-dichlorobenzene p-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,2 DCE 1,1 DCE 1,2 dichloropropane ethylbenzene chlorobenzene styrene PCE 1,1,1 TCA TCE toluene vinyl chloride xylene tribromomethane 1,1,2,2 tetrachloroethane 1,2,3 trichloropropane naphthalene fluorotrichloromethane dichlorofluoromethane asbestos asenic	barium cadmium chromium mercury selenium antimony beryllium cyanide nickel thallium lead acetone di(2-ethylhexyl)phthalate 2-chlorophenol fluorene hexachloroethane MEK MIBK methylene chloride phenanthrene phenol pyrene silver 1,2, 4 trichlorobenzene 1, 1, 2 trichloroethane 2,4,6 trichlorophenol 2,4 dichlorophenol 2,4 dinitrophenol methyl bromide zinc

Tanneries	VOC/IOC/SOC benzene o-dichlorobenzene p-dichlorobenzene toluene naphthalene arsenic chromium anthracene di(2-ethylhexyl)phthalate	dimethyl phthalate phenanthrene 2,4,6 trichlorophenol 2,4 dichlorophenol zinc pentachlorophenol cyanide cadmium
Textile Manufacture	VOC/IOC antimony chromium barium lead zinc	phenol xylene MIBK TCE MEK toluene
Wood Preserving Facilities	SOC/IOC 2,4 dinitrophenol pentachlorophenol anthracene aldrin	naphthalene cadmium arsenic chromium

RESIDENTIAL	Contaminants of Concern	
Fuel Oil Storage	VOC/SOC/IOC pyrene fluorene fluoranthene benzoanthracene chrysene benzo(a)pyrene phenanthrene naphthalene 2-methylnaphthalene benzene xylene dibenzo(a,h)anthracene	ethylbenzene xylene toluene arsenic cadmium chromium lead nickel zinc vanadium MTBE MIBK
Lawn Care	SOC/IOC atrazine 2,4 -D methoxychlor glyphosphate dicamba	carbaryl arsenic mercury diazinon
Septic Systems/Cesspools	MIC/VOC/IOC nitrate nitrite benzene toluene xylene ethylbenzene MTBE TCE acetone fluoride methylene chloride sulfate	1,1,1 TCA PCE carbon tetrachloride phenol MEK MIBK styrene p-dichlorobenzene naphthalene cyanide silver

MISCELLANEOUS	Contaminants of Concern	
Aboveground Storage Tanks	VOC/SOC/IOC pyrene fluorene fluoranthene benzoanthracene chrysene benzo(a)pyrene phenanthrene naphthalene 2-methylnaphthalene benzene xylene dibenzo(a,h)anthracene	ethylbenzene xylene toluene arsenic cadmium chromium lead nickel zinc vanadium MTBE MIBK
Aquatic Wildlife	MIC	
Clandestine Dumping	VOC/SOC/IOC PCBs pentachlorophenol hexachlorobenzene benzene carbon tetrachloride o-dichlorobenzene p-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1,2 dichloropropane ethylbenzene chlorobenzene styrene PCE 1,1,1 TCA TCE toluene vinyl chloride xylene tribromomethane 1,1,2,2 tetrachloroethane 1,2,3 trichloropropane naphthalene fluorotrichloromethane dichlorofluoromethane asbestos arsenic	barium cadmium chromium mercury selenium antimony beryllium cyanide nickel thallium lead acetone di(2-ethylhexyl)phthalate 2-chlorophenol fluorene hexachloroethane MEK MIBK methylene chloride phenanthrene phenol pyrene silver 1,2,4 trichlorobenzene 1,1,2 trichloroethane 2,4,6 trichlorophenol 2,4 dichlorophenol 2,4 dinitrophenol methyl bromide zinc

Combined Sewer Outfalls	MIC/IOC/SOC VOC nitrate nitrite TCE benzene toluene ethylbenzene xylene MTBE benzo(a)pyrene naphthalene dichlorodifluoromethane arsenic barium cadmium chromium	cyanide selenium silver mercury lead acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,k)fluoranthene benzo(g,h,i)perylene chrysene fluoranthene fluorene 2-methylnaphthalene pyrene
Composting Facilities	MIC/IOC nitrate	nitrite
Dredge Disposal Facilities	IOC arsenic cadmium chromium copper lead	mercury nickel PCBs vanadium zinc
Fire Training Facilities	VOC/IOC/SOC toluene ethylbenzene xylene benzene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MBTE EDB 1,2,4-trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane chlorobenzene	tetrachloroethylene 1,1,1 TCA TCE PCE 1,1 DCA 1,2 DCA methylene chloride 1,2, 3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene chromodibromomethane fluorotrchloromethane bromodichloromethane dichlorodifluoromethane
Fishing/Boating	VOC/MIC benzene toluene xylene ethylbenzene	beryllium hexachloroethane MEK MIBK methylene chloride

Landfills and Dumps	VOC/SOC/ IOC styrene nitrate sulfate arsenic barium cadmium chromium cyanide lead mercury selenium silver TCE	hexachloroethane carbon tetrachloride 1,1 DCE 1,2 DCE chlorobenzene 1,4 dichlorobenzene MEK MIBK hexachlorobenzene benzene dichlorodifluoromethane PCBs methylene chloride
Land Application of Sewage Sludge	IOC/SOC cadmium chromium barium arsenic lead mercury	silver selenium endrin lindane methoxychlor toxaphene PCBs

<p>Large Quantity Hazardous Waste Generator</p>	<p>VOC/SOC/IOC PCBs pentachlorophenol hexachlorobenzene benzene carbon tetrachloride o-dichlorobenzene p-dichlorobenzene 1,2 DCA 1,1 DCA 1,2 DCE 1,1 DCE 1,2 dichloropropane ethylbenzene chlorobenzene styrene PCE 1,1,1 TCA TCE toluene vinyl chloride xylene tribromomethane 1,1,2,2 tetrachloroethane 1,2,3 trichloropropane naphthalene fluorotrichloromethane dichlorofluoromethane asbestos arsenic barium cadmium chromium mercury selenium antimony</p>	<p>beryllium cyanide nickel thallium lead acetone di(2-ethylhexyl)phthalate 2-chlorophenol fluorene hexachloroethane MEK MIBK methylene chloride phenanthrene phenol pyrene silver 1,2,4 trichlorobenzene 1,1,2 trichloroethane 2,4,6 trichlorophenol 2,4 dichlorophenol 2,4 dinitrophenol methyl bromide zinc dimethyl phthalate diethyl phthalate nitrate aluminum acrylamide 1,3 dichloropropane epichlorohydrin 1,2,4 trimethylbenzene 1,3,5 trimethylbenzene 1,2 diphenylhydrazine aluminum</p>
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Military Facilities	VOC/SOC/ IOC PCBs benzene ethylbenzene TCE PCE 1,1,1 TCA toluene xylene EDB 1,2,4 trimethylbenzene cumene naphthalene 1,3,5 trimethylbenzene n-propylbenzene beryllium hexachloroethane MEK MTBE 2-methylnaphthalene MIBK	methylene chloride phenanthrene 2,4 dinitrophenol 2,4 dinitrotoluene RDX 4 nitrophenol cyanide selenium antimony acetone zinc lead cadmium chromium barium arsenic aluminum vanadium di(2-ethylhexyl)phthalate endosulfan 2,6 dinitrotoluene
NPDES Locations	MIC/IOC/VOC nitrate nitrite TCE benzene toluene ethylbenzene xylene MTBE benzo(a)pyrene naphthalene dichlorodifluoromethane arsenic barium silver cadmium chromium	cyanide mercury lead selenium sulfate acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,k)fluoranthene benzo(g,h,i)perylene chrysene fluoranthene fluorene 2-methylnaphthalene pyrene
Pipelines (Oil and Sewer)	VOC/SOC/IOC pyrene fluorene fluoranthene benzo(a)anthracene chrysene benzo(a)pyrene phenanthrene naphthalene 2-methylnaphthalene benzene xylene dibenzo(a,h)anthracene ethylbenzene xylene toluene arsenic	cadmium chromium lead nickel zinc vanadium MTBE MIBK cumene methylene chloride MEK TCE 1,1,1 TCA PCE 1,2,4 trimethylbenzene

Prisons	MIC/VOC benzene carbon tetrachloride 1,1 DCE ethyl benzene 1,1,1 TCA toluene xylene TCE	methylene chloride 1,1 DCA 1,2 DCA naphthalene acetone MEK MIBK
Road and Maintenance Depots	VOC/IOC/SOC benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs	o-dichlorobenzene 1,2 dichloropropane monochlorobenzene tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA methylene chloride 1,2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene

<p>Schools, Colleges and Universities</p>	<p>VOC/IOC/SOC benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane chlorobenzene tetrachloroethylene 1,1,1 TCA TCE 1,1 DCA 1,2 DCA</p>	<p>methylene chloride 1,2 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene phenol chloroethane bromobenzene hexachlorobutadiene silver thallium selenium manganese uranium styrene phenanthrene indeno(1,2,3-cd)pyrene pentachlorophenol cyanide</p>
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Small Quantity Hazardous Waste Generator	VOC/IOC/SOC benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane chlorobenzene tetrachloroethylene 1,1,1 TCA TCE	1,1 DCA 1,2 DCA methylene chloride 1,2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene phenol chloroethane bromobenzene hexachlorobutadiene carbon tetrachloride fluorotrichloromethane 1,1,2,2, tetrachloroethane thallium antimony 1,2,4 trichlorobenzene methyl bromide nitrobenzene
Snow Dumps	IOC/VOC sodium benzene	toluene xylene ethylbenzene
Stormwater Drains/ Retention Basins	MIC/IOC/VOC/SOC nitrate nitrite TCE benzene toluene ethylbenzene xylene MTBE benzo(a)pyrene naphthalene dichlorodifluoromethane arsenic barium cadmium	chromium mercury lead acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k)fluoranthene benzo(g,h,i)perylene chrysene fluoranthene fluorene 2-methylnaphthalene pyrene

Tire Dumps	VOC/SOC benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acenaphthalate acenaphthene anthracene	benzo(a)anthracene benzo(a)pyrene benzo(b) fluoranthene chrysene dibenzo(a,h) anthracene fluoranthene fluorene indeno(1,2,3-cd)pyrene pyrene
Transmission Line Right-of-Ways	SOC glyphosate	picloram
Transportation Corridors	VOC/IOC/SOC glyphosate picloram benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene 1,2,4 trimethyl benzene	benzo(a)pyrene acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene
Underground Storage Tanks	VOC/SOC/IOC pyrene fluorene fluoranthene benzo(a)anthracene chrysene benzo(a)pyrene phenanthrene naphthalene 2-methylnaphthalene benzene xylene dibenzo(a,h)anthracene	ethylbenzene xylene toluene arsenic cadmium chromium lead nickel zinc vanadium MTBE MIBK
Utility Substation Transformers	VOC PCBs 1,2,3 trichlorobenzene	1,1 biphenyl 1,2,4 trichlorobenzene

<p>Very Small Quantity Generators</p>	<p>VOC/IOC/SOC benzene toluene ethylbenzene xylene naphthalene 2-methylnaphthalene phenanthrene acetone MEK MIBK MTBE EDB 1,2,4 trimethylbenzene arsenic barium cadmium chromium lead mercury zinc PCBs o-dichlorobenzene 1,2 dichloropropane chlorobenzene tetrachloroethylene 1,1,1 TCA TCE</p>	<p>1,1 DCA 1,2 DCA methylene chloride 1,2,3 trichlorobenzene benzo(a)pyrene dichlorodifluoromethane acenaphthene acenaphthylene anthracene benzo(a)anthracene benzo(b,j,k) fluoranthene benzo(g,h,i) perylene chrysene fluoranthene fluorene pyrene phenol chloroethane bromobenzene hexachlorobutadiene carbon tetrachloride fluorotrichloromethane 1,1,2,2, tetrachloroethane thallium antimony 1,2,4 trichlorobenzene methyl bromide nitrobenzene</p>
<p>Waste Incinerators</p>	<p>SOC chrysene hexachloroethane ideno(1,2,3-c,d) pyrene</p>	<p>cyanide 2,4 dinitrophenol n-propyl benzene</p>
<p>Waste Transfer Stations</p>	<p>VOC/IOC styrene nitrate sulfate arsenic barium cadmium chromium cyanide lead mercury silver</p>	<p>TCE carbon tetrachloride 1,1 DCE 1,2 DCE chlorobenzene MEK MIBK methylene chloride benzene</p>
<p>Wastewater Treatment Plants</p>	<p>VOC/IOC/MIC methylene chloride nitrite nitrate arsenic barium cadmium chromium cyanide lead</p>	<p>copper mercury selenium silver zinc sulfate trichloromethane 1,2,3 trichlorobenzene n- propyl benzene</p>

Water Treatment Sludge Lagoons	IOC manganese aluminum	arsenic radon
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