

The following list represents the results of my review of published research and literature. I'm sharing it with the intention of encouraging others to consider using these species when planting near **dry cleaners, industrial sites, rain maintenance yards, and autobody shops**. Note that not all of the species listed here are ideal for home gardens and landscaping projects where a clean, manicured aesthetic is desired. Please cross-reference the species contained on this list with Lissa's List of Well Behaved Natives before planting them in a location where a "well behaved" plant species is more desirable.

NATIVE TREES FOR CHLORINATED SOLVENTS				
Common Name	Scientific Name	Contaminant Targeted*	Sunlight Requirements	Soil Moisture Requirements
Silver Maple	<i>Acer saccharinum</i>	TCE and by-products, VC	Full sun to part shade	Medium to wet
River Birch	<i>Betula nigra</i>	TCE and by-products, VC	Full sun to part shade	Medium to wet
Eastern Red Bud	<i>Cercis canadensis</i>	PCE, TCE and by-products, VC	Full sun to part shade	Medium
Sweetgum	<i>Liquidambar styraciflua</i>	TCE	Full sun	Medium
American Sycamore	<i>Platanus occidentalis</i>	TCE	Full sun	Medium to wet
Eastern Cottonwood	<i>Populus deltoides</i>	PCE, TCE and by-products, Pentachlorophenot, 1,2,4-Trichlorobenzene, Carbon tetrachloride, 1,4 Dioxane	Full sun	Medium to wet
Pin Oak	<i>Quercus palustris</i>	TEC, PCE, VC	Full sun	Medium to wet
Black willow	<i>Salix nigra</i>	TCE and by-products	Full sun to part shade	Medium to wet

## NATIVE GRASSES CHLORINATED SOLVENTS

Common Name	Scientific Name	Contaminant Targeted*	Sunlight Requirements	Soil Moisture Requirements
Eastern Gamagrass	<i>Tripsacum dactyloides</i>	PCE	Full sun to part shade	Medium
Southern cattail	<i>Typha domingensis</i>	Dodecyl linear alcohol ethoxylate, sulfonate, and chloride	Full sun	Wet
Broadleaf Cattail	<i>Typha latifolia</i>	Dodecyl linear alcohol ethoxylate, sulfonate, and chloride	Full sun to part shade	Wet

## NATIVE FORBS FOR CHLORINATED SOLVENTS

Common Name	Scientific Name	Contaminant Targeted*	Sunlight Requirements	Soil Moisture Requirements
Pondweed	<i>Elodea canadensis</i>	TCE and by-products	Full sun	Inundated
Tall goldenrod	<i>Solidago altissima</i>	PCE, TCE	Full sun	Dry to medium
Forest goldenrod	<i>Solidago arguta</i>	PCE, TCE	Part shade	Dry to medium
Blue-stemmed goldenrod	<i>Solidago caesia</i>	PCE, TCE	Full sun to part shade	Dry to medium
Zigzag goldenrod	<i>Solidago flexicaulis</i>	PCE, TCE	Full sun to part shade	Medium
Giant goldenrod	<i>Solidago gigantea</i>	PCE, TCE	Full sun to part shade	Medium to wet
Hairy goldenrod	<i>Solidago hispida</i>	PCE, TCE and by-products	Full sun	Dry to medium

Missouri goldenrod	<i>Solidago missouriensis</i>	PCE, TCE	Full sun	Dry to medium
Gray goldenrod	<i>Solidago nemoralis</i>	PCE, TCE	Full sun	Dry to medium
Sweet goldenrod	<i>Solidago odora</i>	PCE, TCE	Full sun to part shade	Dry to medium
Downy ragged goldenrod	<i>Solidago petiolaris</i>	PCE, TCE	Partial sun	Dry to medium
Western rough goldenrod	<i>Solidago radula</i>	PCE, TCE	Full sun to part shade	Dry
Stiff goldenrod	<i>Solidago rigida</i>	PCE, TCE	Full sun	Medium
Rought goldenrod	<i>Solidago rugosa</i>	PCE, TCE	Full sun	Medium to wet
Showy goldenrod	<i>Solidago speciosa</i>	PCE, TCE	Full sun	Dry to medium
Elm-leaved goldenrod	<i>Solidago ulmifolia</i>	PCE, TCE	Full sun to part shade	Medium

**\*ACRONYMS**

PCE – Perchloroethylene

TCE – Trichloroethylene

VC – Vinyl Chloride