

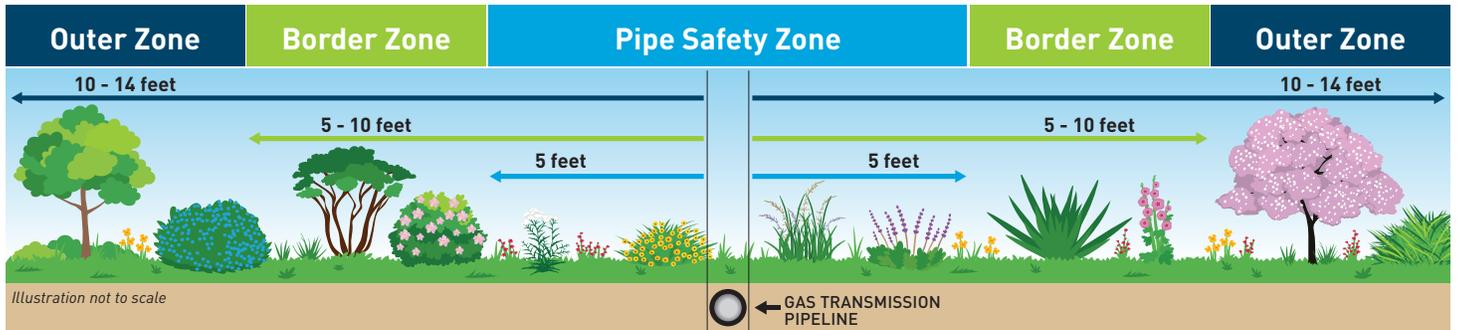


Gas Transmission Vegetation Management

Guide to Safe Landscaping Near Gas Pipelines

Pacific Gas and Electric Company's (PG&E) top priority is the safety of our customers and communities.

As part of this commitment to safety, we regularly inspect and patrol the area above the natural gas transmission pipeline to help ensure access for safety crews in an emergency or for critical maintenance work. Trees and plants located too close to gas transmission pipelines can delay emergency access for safety crews and damage pipes. Below is a list of plant types that are safe in certain locations around the pipeline. Please note the suggested list is not all-inclusive.



Pipe Safety Zone	Typically 5 feet on either side of the edge of the pipe. Lawns, flowers, low-profile grasses and low-growing herbaceous plants are permitted within the Pipe Safety Zone. See the list below for plant suggestions.			
<p>Beach Aster <i>(Erigeron glaucus)</i></p> <p>Bird's Foot Fern <i>(Pellaea mucronate)</i></p> <p>Blue-Eyed Grass <i>(Sisyrinchium bellum and cvs.)</i></p> <p>Buckwheat <i>(Eriogonum spp.)</i></p>	<p>California Fuchsia <i>(Epilobium canum)</i></p> <p>California Mugwort <i>(Artemisia douglasiana)</i></p> <p>Coast Sunflower <i>(Encelia californica)</i></p> <p>Coyote Mint <i>(Monardella villosa)</i></p>	<p>Deer Weed <i>(Acmispon glaber)</i></p> <p>Douglas Iris <i>(Iris douglasiana)</i></p> <p>Lilac Verbena <i>(Glandularia lilacina and cvs.)</i></p> <p>Matilija Poppy <i>(Romneya coulteri)</i></p>	<p>Perennial Hollyhock <i>(Alcea rosea and cvs.)</i></p> <p>Pink Santa Barbara Daisy <i>(Erigeron x moerheimii)</i></p> <p>Purple Needlegrass <i>(Stipa pulchra)</i></p> <p>Sand Aster <i>(Lessingia filaginifolia and cvs.)</i></p>	<p>Sonoma Sage <i>(Salvia sonomensis and cvs.)</i></p> <p>Western Marsh Rosemary <i>(Limonium californicum)</i></p> <p>Yarrow <i>(Achillea millefolium and cvs.)</i></p> <p>Yerba Buena <i>(Clinopodium douglasii)</i></p>
Border Zone	Typically 5-10 feet from the edge of the pipe. Small to medium shrubs with a trunk or main branch less than 8" in diameter at full maturity are permitted within the Border Zone. Diameter is measured at chest height. See the list below for plant suggestions.			
<p>Aloe <i>(Aloe spp. (CA native and non-native))</i></p> <p>Apache Plume <i>(Fallugia paradoxa)</i></p> <p>Blue Jeans Ceanothus <i>(Ceanothus "Blue Jeans")</i></p> <p>California Wild Rose <i>(Rosa californica)</i></p>	<p>Chaparral Honeysuckle <i>(Lonicera interrupta (shade))</i></p> <p>Coastal Bush Lupine <i>(Lupinus arboreus)</i></p> <p>Concha Ceanothus <i>(Ceanothus "Concha")</i></p> <p>Coyote Brush <i>(Baccharis pilularis consanguinea)</i></p>	<p>Elderberry <i>(Sambucus spp.)</i></p> <p>Hillside Gooseberry <i>(Ribes californicum)</i></p> <p>Manzanita (shrub) <i>(Arctostaphylos hookeri (shrub cvs.))</i></p> <p>Mountain Blue Curls <i>(Trichostema parishii)</i></p>	<p>Ninebark <i>(Physocarpus capitatus)</i></p> <p>Pitcher Sage <i>(Lepechinia calycina)</i></p> <p>Purple Sage <i>(Salvia leucophylla and cvs.)</i></p> <p>Shrub Live Oak <i>(Quercus turbinella)</i></p>	<p>Tree Mallow <i>(Malva assurgentiflora and cvs. (Lavatera assurgentiflora))</i></p> <p>Tree Poppy <i>(Dendromecon rigida)</i></p> <p>Woolly Yerba Santa <i>(Eriodictyon tomentosum)</i></p> <p>Yellow Penstemon <i>(Keckiella antirrhinoides)</i></p>
Outer Zone	Typically 10-14 feet from the edge of the pipe. Large shrubs and small trees with a trunk less than 36" in diameter at full maturity are permitted within the Outer Zone; however, we recommend planting trees even further away from the pipeline. Diameter is measured at chest height. See the list below for suggestions.			
<p>American Arborvitae <i>(Thuja occidentalis 'Fastigata')</i></p> <p>Australian Willow <i>(Gijera parviflora)</i></p> <p>White Alder <i>(Alnus rhombifolia)</i></p> <p>Blue Blossom <i>(Ceanothus thyrsiflorus)</i></p>	<p>Chinese Pistache <i>(Pistacia chinensis)</i></p> <p>Coral Gum <i>(Eucalyptus torquata)</i></p> <p>Crape Myrtle <i>(Lagerstroemia hybrids)</i></p> <p>Desert Willow <i>(Chilopsis linearis)</i></p>	<p>Flowering Dogwood <i>(Cornus florida)</i></p> <p>Flowering Plum <i>(Prunus ceraifera 'Krauter Vesuvius')</i></p> <p>Japanese Persimmon <i>(Diospyros kaki)</i></p> <p>Lily Magnolia <i>(Magnolia liliflora)</i></p>	<p>New Zealand Christmas Tree <i>(Metrosideros excelsa)</i></p> <p>Ray Hartman Ceanothus <i>(Ceanothus 'Ray Hartman')</i></p> <p>Red Buckeye <i>(Aesculus pavia)</i></p> <p>Smoke Tree <i>(Cotinus coggygia Purpureus')</i></p>	<p>Swan Hill Olive <i>(Olea eruopaea 'Swan Hill')</i></p> <p>Toyon <i>(Heteromeles arbutifolia)</i></p> <p>Trident Maple <i>(Acer buergeranum)</i></p> <p>Western Redbud <i>(Cercis occidentalis)</i></p>

The above list includes water-wise plants suited for most California climate zones, however each location is different. PG&E makes no representation or guarantee that these plants are suitable for every location. Please consult your local nursery for more information. If there is an electric power line on or near your property, there may be additional planting restrictions. Please take care to consult any easement agreement you may have for your property or call PG&E at 1-877-259-8314.

Learn more about PG&E's gas safety programs at pge.com/gasveg.



Be Safe. Dig Safe.

Before you begin any landscaping work, always call **811** at least two business days in advance. With one free call to **811**, PG&E will send a crew that can mark our underground gas and electric facilities before you begin work, helping you plan a safe project.