



Houston Ship Channel T.R.E.E.S. Program

Options for involvement:



HOUSTON SHIP CHANNEL TREES PROGRAM

Volunteering- Houston Wilderness (HW) holds large-scale, native tree plantings during the Fall & Spring every year funded by grants supporting the Houston Ship Channel Trees & Riparian Enhancement of Ecosystem Services (HSC T.R.E.E.S) Program. If you're interested in a staff volunteering event, join us for a planting along various parts of the 25-mile Port of Houston Ship Channel. We plant native "Super Tree" species that benefit the region with their high levels of air pollution absorption, water absorption & carbon sequestration. These factors can even be quantified based on species, as seen on the Ecosystem Services chart below. More information about these events can be found by visiting "Volunteer for a Native Super Tree Planting" when you scan the QR code below.

Houston Ship Channel TREES Program - Total ES Metrics for Targeted Tree Plantings							
Date of Planting: 10/8/21							
Location: Air Products Facility near Deer Park, TX							
	Tree Species Planted	# of Trees Planted	Size of Trees Planted	Total CO2 Sequestered (lbs./year)	Total CO2 Stored (lbs. at 10 year)	Water Absorption (gal./year)	Air Pollutant Removal w/PM2.5 (lbs./year)
	American Elm	120	Seedling	13,680	80,040	330,840	168.0
	Boxelder	100	Seedling	15,900	89,800	239,200	130.0
	Green Ash	125	Seedling	25,000	78,000	247,125	162.5
	Laurel Oak	90	Seedling	17,460	78,750	264,240	117.0
	Live Oak	50	Seedling	13,400	51,150	154,850	95.0
	Red Maple	95	Seedling	13,205	81,605	287,090	152.0
	Tulip Tree	100	Seedling	8,100	65,900	350,500	190.0
	Water Oak	100	Seedling	17,300	86,900	335,700	140.0
Totals		780		124,045	612,145	2,209,545	1154.5



For questions or to learn more, contact info@houstonwilderness.org or (713) 524-7330.

Land/Green Space at your facility- Green space on your property can be forested through our program at no cost to you! Fourteen (14) targeted, native Super Tree* Species will be used for our plantings to provide multiple benefits including:

- Increased air & water quality
- Carbon sequestration for large industrial & residential areas
- Water absorption, erosion control
- Habitat creation.

Join our 10-year, multi-partner collaboration working with municipalities & private businesses along the Houston Ship Channel. Our focus is enhanced ecosystem services through targeted large-scale tree plantings.