

Local Community Service Projects - Environment



Denver Tree Planting, Phase 2



- **Challenge** – Climate change impact on local and global environment. Underserved communities with low canopy neighborhoods.
- **Proposed Solution** – Contribute to improved environment for local residences through tree planting
- **Project** – Partners with The Park People and City of Denver to increase the tree canopy in local parks and residential areas with few trees

Denver Tree Planting, Phase 2

- **Cost - \$6750**

- Club cash - \$4750

- Restricted donations for environmental / tree initiatives (\$1500)
- Denver Cherry Creek (\$250)
- Denver Southeast carryover from phase 1, already paid to TPP (\$1500)
- Club member donation (\$1000)
- DMHR foundation unrestricted funds (\$500)

- DDF match - \$2000



Denver Tree Planting, Phase 2

- **Grant Funds Supplement Program Services**

- Epic Day of Service – Denver Park tree planting (site TBD), approximately 25 – 30 moderately mature trees. May 11, 2024.

Additional DMHR support activities throughout year

- Neighborhood canvassing – distribution of tree leaflets explaining no cost, low-cost tree program
- Tree distribution day support
- Residential tree delivery and planting support



Denver Tree Planting, Phase 2

- Results of 2023 Phase 1 Planting

Mile High Tree Chanpions Tree Planting Project in Partnership with The Mile High Rotary Club								
City of Cuernavca Park, Denver Colorado								
April 30, 2023								
Number of Trees Planted		30						
Species	Flowering Crabapple, State Street Maple, Little Leaf Linden, Shumard Oak, Peking Lilac, Western Catalpa, American Elm, Flowering Pear, Horsechestnut							
Average Projected Lifetime Benefits- Per Tree	Per Yr at maturity	50 yr lifespan	75 yr lifespan	Average Projected Lifetime Benefits- All Trees	Per Yr at maturity	50 yr lifespan	75 yr lifespan	
Atmospheric Carbon Sequestered (lbs)	118	5900	8850	Atmospheric Carbon Sequestered (lbs)	3540	177000	285500	
Storm Water intercepted (gals)	210	10500	15750	Storm Water intercepted (gals)	6300	315000	472500	
Cooling Benfits (\$)	23	1150	1725	Cooling Benfits (\$)	690	34500	51750	
Additional Benfits								
Intercept and absorb particular air pollutants, provide wildlife habitat, provide mental and physical well being to park goers								
Volunteers Engaged		43						