



Travis County Floodplain Reforestation Project - 2021 Monitoring Report

Project Operator Name: TreeFolks, INC.

Project Name: Travis County Floodplain Reforestation Project - 2021

Project Location: Eastern Travis County, TX (Austin, Del Valle, Manor, and Elgin)

Deadline to Submit to CFC (annually from the date of the first Verification Report): January 19th, 2024

1. Has the contact information for the Project Operator changed? If so, provide new contact information.

No.

2. Have there been changes in land ownership of the Project Area?

No.

3. Have there been any changes in the Project Design?

No.

4. Have there been any changes in the implementation or management of the Project?

In response to high mortality rates among some trees due to prolonged drought conditions, freeze events, and other disturbances (detailed in Section 5) TreeFolks is in the process of replanting 1 of the 6 sites registered to this project. As referenced in the below image, a total of approximately 1.20 acres will be replanted in February of 2024. Final data on the replanted area will be provided in the Year 4 Verification Report.

Site #	Parcel ID	Owner Name	Original Acres	Original Trees	Acres Replanted	Trees Replanted	Replant Date
1	567612	Brockenbrough	22.38	14074	-	-	-
2	545548	Taute	0.87	570	-	-	-
3	737243	Briarcreek HOA	4.44	3025	-	-	-
4	190357	Ryan	0.13	85	-	-	-
5	724522	Beall	6.21	4330	-	-	-
6	500931	Stutz	1.88	1407	1.20*	598*	Feb 2024*

* the numbers asterisked in red indicate preliminary estimates

5. Have there been any significant changes to the site (such as flooding or human changes)?

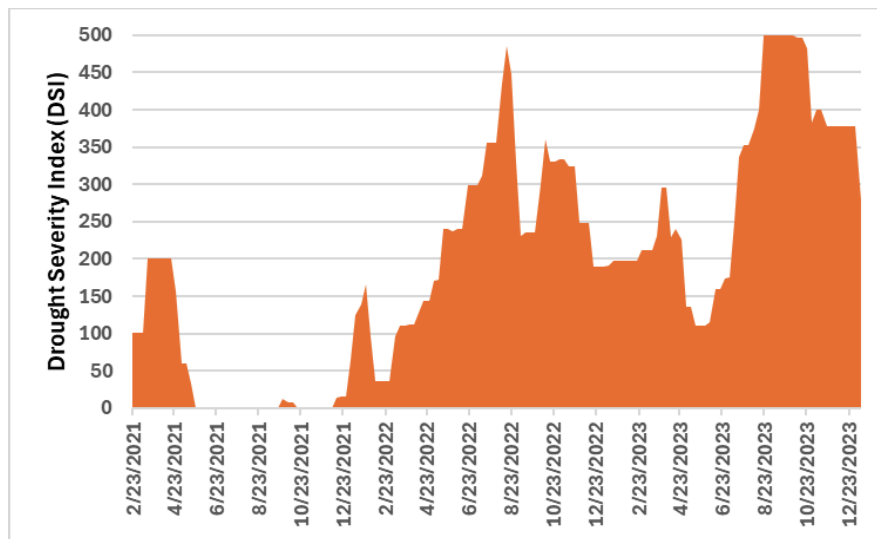
In mid-2022 cattle breached the fence surrounding Site 6. Significant grazing activities occurred within the planting areas for a little over a year until the landowner was able to erect a new fence to exclude the cattle. While many of the trees planted on this site were grazed or trampled, many species were still found alive during a site visit including but not limited to Texas Mountain Laurel, Huisache, Palo Verde/Retama, American Beauty Berry, Honey Locust, Cedar Elm, and Mesquite. In addition a 0.21 acre area along the Western fence line of Site 6 was observed to have nearly 100% mortality which may have been caused by herbicides washing downhill from a neighboring hay operation.

In total ~5.23% of the total area registered to this project may have been affected by the above described disturbances.

6. Have there been any significant tree or canopy losses estimated to be greater than 10% of Project Trees or 10% of canopy?

After visiting Site 6 in response to the landowners concerns, TreeFolks confirmed that survival rates appeared to be below the 25% threshold that we anticipated, as per the Rapid Riparian Revegetation Method (Guillozet et al., 2014).

In addition to the disturbances described in Section 5, increased mortality may have been exacerbated by extreme drought conditions in Central Texas since early 2022, as well as the unprecedented winter freezes described in the previous monitoring report. U.S. Drought Monitor data which charts the Drought Severity Index (DSI) can be seen in the graph below, spanning from the date of planting until present. Please note that the highest possible value for DSI is 500.




7. Do you anticipate future canopy loss (such as a new pest or disease issue found)?

It is likely that drought conditions in Central Texas shall continue to persist and that extreme weather conditions will become more frequent overall. One of the ways that TreeFolks is addressing this issue is by planting more upland drought tolerant species in areas that have historically been designated for wetland obligate trees.

8. Any other significant elements to report?

No.

Signed on January 17th, in 2024, by Valerie Tamburri for TreeFolks.

A handwritten signature in black ink, appearing to read 'Valerie', written over a horizontal line.

Signature

Valerie Tamburri
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