

TreeUtah Tree Planting Project Application

Introduction:

The application questions beginning on the following page are intended to help you think through and plan for a highly successful tree planting project. We encourage you to call TreeUtah if you have any questions or need any assistance with this application.

Applications are accepted year-round, and plantings generally occur during Spring and Fall of each year.

TreeUtah tree planting projects are not just an award of funds. We do help provide funding to buy trees, however our involvement does not end there. We are available to help your tree planting project progress from a simple idea all the way to the installation of a new landscape with the help of numerous volunteers. Prior to the actual tree planting, TreeUtah will hold a tree care workshop for all project recipients. Tree care workshops are tailored to fit the educational needs of your group and can be conducted on a day prior to the tree planting or on the same day. Workshops may range from thirty minutes to two hours, depending on your groups' needs. Throughout this process please remember that our tree planting projects are as much about education as they are about putting trees in the ground. If you have questions about tree related issues in your community, please talk to us.

Address the questions or statements below on a separate sheet(s) of paper in the order they are presented. Please see the example application for more guidance on answering the questions.

Deadline

TreeUtah has no hard deadlines for tree planting applications. However, if your Fall 2009 application is received by 14 August, 2009, it will receive priority.

Send Completed Applications to:

You may send completed applications by US mail, fax, or email to TreeUtah. Our contact info is below. Please consult TreeUtah's Community Forestry Coordinator, Kelly Washburn, with any questions you may have as you work to fill out the application – many of the questions may be difficult for you to answer alone, but we are here to help.

TreeUtah
740 South 300 West, Suite 301
Salt Lake City, UT 84101

Phone: 801.364.2122
Fax: 801.364.6889

Email: kelly@treeutah.org

1. Who is applying for this tree planting project?

Provide the name and address of the organization hosting this project, and the name and contact information (telephone number, FAX, and e-mail) of the person(s) who will be responsible for coordinating the tree planting (e.g. volunteer recruitment, location of planting, choice of species, etc.). In addition, please list the name and contact information of the individual or entity (e.g. parks department, school groundskeeper, etc.) who will be responsible for maintenance of the trees during their 3-year period of establishment, and throughout their lives (see question #6 for details on watering needs).

2. Who owns and manages the property where the trees will be planted?

If the organization that owns the property is not the same organization that will be hosting this project, please include with your application the signature and contact information of an authorized representative of the property owner(s).

3. Why do you want to do a tree planting project?

Explain the benefits you hope to achieve for your group/location by planting trees and hosting a tree care workshop. In explaining these benefits please identify where you will be planting the trees. **Please include a map or hand-drawn diagram of the site (with existing trees and proposed trees) on a separate sheet of paper.

4. What species of trees, how many of each species, and what size do you intend to plant?

We encourage planting native tree species when appropriate; however, there are a variety of other nonnative, but locally adapted trees. Please see www.waterwiseplants.utah.gov or other resources from the library or internet for information on what tree species will be best for your project site. Keep in mind the plant hardiness zone, desired size and canopy shape of your trees, and their ability to adapt to your soil type and climatic patterns (e.g. how much rain, how hot, etc.). We can help you with your final species selection, but first, give some thought to what characteristics you would like in your trees.

5. How many volunteers and/or staff members do you expect to attend the tree care workshop and how many will participate in the tree planting? How will you recruit volunteers to plant the trees?

Typically we ask for a minimum of six participants for a workshop. If you have a small staff and/or limited volunteers, please talk to us about setting up a cooperative workshop with one or more of your neighboring communities. To complete a medium sized tree planting (10-12 trees) in one day we recommend having at least two volunteers per tree (20-24 volunteers).

6. How will the newly planted trees be watered?

Newly planted trees need to be watered two or three times a week for the first several weeks they are in the ground, and once a week for the rest of their first summer. The first 3 years are the most crucial for the health and survival of a newly transplanted tree. Additionally, most established trees (beyond 3 years post-transplant) in urban areas still need supplemental water during the dry, hot Utah summers.

Explain how your new trees will get water over the short-term and long-term. We strongly recommend that the trees be planted where they have access to a stationary

irrigation system (existing or installed at time of planting) to ensure adequate watering frequency and depth; however, we realize this is not possible in all areas.

7. Provide a brief schedule of proposed activities associated with the project.

Developing a schedule will help you keep track of the tasks that need to be completed before the workshop and tree planting. Exact dates are not necessary at this point, but if you desire a specific date or time period, please list that here (and tell us how flexible you are). If you are selected for a project we will work together to set dates for the workshop and tree planting. See the example application for ideas on what to include in your schedule.

8. Provide a proposed budget that includes the amount of funding you are requesting from TreeUtah, matching contributions, and the intended use of all funds (see example application).

The maximum request for each project is \$1,500. Funds from TreeUtah may only be used to purchase trees and mulch. The monetary value of matching contributions must be equal to -- or greater than -- your request from us. Matching contributions may include the purchase and installation of irrigation systems, time spent planning and preparing for the planting project, and/or volunteer or staff time spent attending the workshop and planting the trees. Monetary value of volunteer time may be calculated at \$18.04 per hour, or you may substitute more accurate figures if they are obtainable.

TreeUtah prefers to disperse the funding of tree-planting events on a reimbursement basis, however we understand that not all community groups have the financial resources for this. If your group is able to purchase the trees for your project, we will give you guidance on how and where to purchase them, and how to arrange for delivery from the nursery to the planting site. TreeUtah will reimburse you after the project is completed and we have received the receipts with your final report (see below). If your group cannot put up the funds for tree purchase, we will arrange the purchase and delivery directly with our funds, but will still expect a final report from your group.

Final Reports should be submitted to TreeUtah within a month of the planting day and should include:

- 1) Name of your group
- 2) Date(s) of the tree planting
- 3) Address or location description of the planting site(s), including town/city
- 4) List of tree species and number that were planted
- 5) List of matching contributions (please attach volunteer sign- in sheets)
- 6) Copies of bills/receipts for trees and mulch
- 7) Any photos, press clippings, or outreach materials related to the tree planting project
- 8) Thank-you letter(s) to our funding organizations. These letters should be included with your final report and not sent directly to our funding organizations. (TreeUtah will include your thank you letters with our annual reports to the funding organizations.)

courts are most often used. These trees will also provide a more comfortable area for spectators to sit and watch basketball games.

Our third proposed planting site is along the state highway right-of-way that runs down the East side of our city park. We would like to plant a mix of trees and shrubs in this area to provide a visual and audio screen between the highway and park. Planting both trees and shrubs will help create a dense screen. Many residents have complained that the sights and sounds of the nearby highway detract from their experience at the park. These trees and shrubs will also help increase rain infiltration and reduce soil erosion along the highway drainage ditch.

By hosting a tree care workshop we hope to increase technical knowledge of city staff who are responsible for trees in our parks and along our streets. Specifically they would like more information on watering and pruning trees. We also hope to energize and give new ideas to our volunteer Beautification Team.

4. What species of trees, how many of each species, and what size do you intend to plant?

Note: All tree selections below were made using the “Utah Water-Wise Plants” website www.waterwiseplants.utah.gov. The website allows you to search for trees based on a variety of different features of the trees. We highly recommend using this resource or other tree information sources to help you pick the tree species that are best for your planting site.

Mini-forest Site:

Trees

- 3 Pinyon Pine (*Pinus edulis*) 30' high –very low water needs
- 3 Bigtooth Maple (*Acer grandidentatum*) 20-30' high by 20-25' wide –avoid grafted version
- 4 Serviceberry (*Amelanchier sp.*) up to 15-25' high with variable spread –shade tolerant
- 3 Gambel Oak (*Quercus gambelii*) 15-20' high by 10-20' wide –plant in a group

Shrubs

- 5 Little-Leaf Mock Orange (*Philadelphus microphyllus*) 6' high by 4' wide –shade tolerant
- 5 Squaw Bush (Oak-Leaf Sumac) (*Rhus trilobata*) –shade tolerant

Basketball Courts Site:

- 3 Bur Oak (*Quercus macrocarpa*) 60-80' high by 50-70' wide
- 3 Kentucky Coffee Tree (*Gymnocladus dioicus*) 50-60' high by 30-40' wide
- 3 Zelkova (*Zelkova serrata*) 50-80' high with equal spread
- 3 Austrian Pine (*Pinus nigra*) 50-60' high by 20-40' wide

State Highway Site:

- 2 Limber Pine (*Pinus flexilis*) 40-50' in height with a 15-30' spread
- 2 Austrian Pine (*Pinus nigra*) 50-60' high by 20-40' wide
- 2 Cedar of Lebanon (*Cedrus libani*) 40-60' high by 80-100' wide
- 2 Scotch Pine (*Pinus sylvestris*) 30-60' high by 30-40' wide

4 Serviceberry (*Amelanchier sp.*) up to 15-25' high with variable spread –plant on park side of

conifers to increase visual interest, promote nesting birds, and increase density of the planting to block road noise and view (note: the rest of the trees in this planting are coniferous trees that will provide a year-round visual and audio barrier)

5. How many volunteers and/or staff members do you expect to attend the tree care workshop and how many will participate in the tree planting? How will you recruit volunteers to plant the trees?

We expect to have twelve people at the tree care workshop. Participants will include five employees from our Parks Department, three from our Streets Department, and four volunteer members of the Treesville Beautification Team.

We expect twenty-five people to attend the tree planting. Participants will include the original twelve people identified above for the tree care workshop and at least thirteen more volunteers from the community. We will recruit volunteers by placing two articles about the tree planting in our local newspaper, one article two weeks before the planting and one the week before the planting. We will also contact organizers of the basketball and baseball leagues who use the park to recruit teams to come out and help plant trees. We are very excited about getting people from these teams out to help plant the trees. By getting people who use the park often invested in these trees we can reduce the potential for tree vandalism in the future.

6. How will the newly planted trees be watered?

Mini-forest Site: Newly planted trees will be watered over the short-term by the Parks Department with our water truck and a hose. The hose will be used to hand water each plant twice a week during the first summer after planting and again during the second summer, especially if we have a drought. Long-term watering (once the trees are well-established) will be accomplished with a drip irrigation system. Drip lines with drip emitters will be placed under the mulch in rows throughout the planting area. The drip irrigation systems will be designed to periodically (weekly or biweekly depending on climate) deliver a very slow and deep watering to the area. Slow and deep watering promotes deep healthy root systems. Properly designed drip irrigation systems are a very “water wise” way of irrigating trees and other vegetation.

Basketball Court Site: Trees in this area will be watered over the short-term by the Parks Department with our water truck and a hose. The hose will be used to hand water each plant twice a week during the first summer after planting and again during the second summer, especially if we have a drought. Sprinkler irrigation will be used for long-term watering in this area (once the trees are well-established). Sprinklers that spray over the planting area will be set to periodically (weekly or biweekly depending on climate) irrigate for a longer period of time than our typical lawn sprinkler duration. By periodically irrigating for a longer period of time we are able to soak water deeper into the soil (6 or more inches deep) to promote healthy tree roots. Typical lawn irrigation settings only soak the top two or three inches of soil. This shallow watering is fine for

turf grass but it dries out quickly and forces new tree roots to stay shallow and compete with grass roots for limited water and nutrients.

State Highway Site: Trees in this area will be watered over the short-term by the Parks Department with our water truck and hose. The hose will be used to hand water each plant twice a week during the first summer after planting, and again during the second summer, especially if we have a drought. Long-term watering (once the trees are well-established) will be accomplished with a mix of hand watering from our water truck and water from the drainage ditch. Trees that are planted on the slope of the drainage ditch should eventually send roots down into the soil that is irrigated by storm flows in the ditch. During drought conditions the water truck will be used to hand water the plantings.

7. Provide a brief schedule of proposed activities associated with the project.

March- Get notification of funding from TreeUtah and call/visit nurseries to locate and hold quality stock of the tree species we intend to plant.

April- Install and test new components of the irrigation system. Stay in contact with TreeUtah to set the date for the planting and tree care workshop. Begin volunteer recruitment activities.

May- Confirm planting date and tree care workshop date. Complete volunteer recruitment. Plant the trees in later part of the month. Spread mulch around the newly planted trees. Begin watering the new trees.

June through October- Continue watering trees as needed.

8. Provide a proposed budget that includes the amount of funding you are requesting from TreeUtah, matching contributions, and the intended use of all funds.

| | TreeUtah | Matching Contributions |
|-------------------|----------------|------------------------|
| Trees | \$1,500 | |
| Mulch | | \$100 |
| Shrubs | | \$400 |
| Irrigation System | | \$500 |
| City Staff Time | | \$700 |
| Volunteer Labor | | \$700 |
| Totals | \$1,500 | \$2,400 |

Note: The budget above is only intended to cover the cost of the “Mini-forest” planting described in question #3. We do not expect applications to include multiple components such as the three plantings described in this application. These components were included to help give the reader more ideas about how trees can be used to accomplish specific goals.