



## Restoration Site Plan

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

### **Instructions**

Work together as a group to create a restoration plan for Temple Hall Farm Park, using these resources: “Local Forest Communities;” “Temple Hall Farm Park Site Description;” and “Green Thumb Nursery Catalog.”

**Site:** \_\_\_\_\_

**Project Managers (Students’ Names):** \_\_\_\_\_

### **1. Site Characteristics:**

(Based on the site description, describe the general characteristics of the site. Include the physiographic region; elevation; topography; moisture levels; and existing vegetation.) \_\_\_\_\_

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### **2. Soil Type:**

(Circle the kind of soil found below the site’s surface.)

- |           |            |
|-----------|------------|
| Sandy     | Loam       |
| Silt      | Clay       |
| Clay      | Clay-Loam  |
| Silt-loam | Sandy-silt |

### **3. Suggested Tree Species:**

(Referring to the “Green Thumb Nursery Catalog,” list the species of trees that would be best suited for this site.)

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## Restoration Site Plan (con't)

### 4. Number and spacing of proposed trees:

(It is important to plant trees 15 feet apart from one another so that they have enough space to grow. The planting site includes a linear two-acre strip of buffer. One acre is equivalent to 43,560 square feet. Complete the calculations below to determine how many trees you should plant at the site.)

a) 43,560 square feet per acre \* 2 acres = \_\_\_\_\_ square feet of total restoration area

b) 15 feet \* 15 feet = \_\_\_\_\_ square feet needed between trees

c) Divide the site's total number of square feet (a) by the total square feet of spacing needed between trees (b) to determine how many trees to plant:

(a) \_\_\_\_\_ / (b) \_\_\_\_\_ = \_\_\_\_\_ trees

### 5. Projected Outcome:

Draw a picture of what the site looks like now, and another of how it should look five years from now:

Before Planting	After Planting

6. Describe the benefits of planting trees at the restoration site: \_\_\_\_\_

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