

Table 5-1. Description of Restoration Methods for Low, Moderate, and High End Restoration Element Options for Each Habitat Type

Habitat Type	Restoration Element Option		
	Low	Moderate*	High
Mixed riparian woodland	<p>Plant tree and shrub species as cuttings</p> <p>No weed maintenance following initial plant installation</p> <p>Provide irrigation for 2 years following initial plant installation</p> <p>Plant at half the density of Moderate REO (i.e., 20 feet on center)</p> <p>No control of woody, non-native, invasive species</p> <p>No plant protection cages or tubes</p>	<p>Plant tree and shrub species as seedlings only. Seedlings to be installed as Dee-Pots</p> <p>Plant 10 feet on center</p> <p>Provide irrigation for 2 year following initial plant installation</p> <p>Provide weed maintenance of herbaceous weeds for 2 year following initial plant installation</p> <p>Provide weed maintenance of woody, non-native, invasive species 5 years following initial plant installation</p> <p>No plant protection tubes</p>	<p>Plant tree and shrub species as seedlings only; seedlings to be installed as 1-gallon plant size; all shrubs are to be from container stock</p> <p>Plant 10 feet on center</p> <p>Provide irrigation for 5 years following initial plant installation</p> <p>Provide weed maintenance of herbaceous weeds for 2 years following initial plant installation</p> <p>Provide weed maintenance of woody, non-native, invasive species 5 years following initial plant installation</p> <p>Provide plant protection tubes</p>

Habitat Type	Restoration Element Option		
	Low	Moderate*	High
Seasonal wetland	Grade to provide and maintain supporting surface hydrology	Grade to provide and maintain supporting surface hydrology	Grade to provide and maintain supporting surface hydrology
	Control seed bank of existing grasslands or agricultural land by grading	Control seed bank of existing grasslands or agricultural land by grading	Control seed bank of existing grasslands or agricultural land by grading
	No inoculation with seed mix or plugs	Inoculate with native seasonal wetland seed mix; no follow up treatment	Inoculate with native seasonal wetland seed mix and plug plantings; no follow up treatment
			Provide post-planting weed control for 2 years
			Reseed bare spots for 2 years
Permanent wetland	Grade permanent wetland areas so that they have shallow sloping sides and a mean depth of 5 feet	Grade permanent wetland areas so that they have shallow sloping sides and a mean depth of 5 feet	Grade permanent wetland areas to optimize AAHU values
	No plug planting	Plant plugs over 50% of the area; i.e., 5 feet on center)	Plant plugs over 50% of the area i.e., 3 feet on center
	No weed control	No weed control.	Provide weed control for 2 years following initial planting

Table 5-1. Continued

Habitat Type	Restoration Element Option		
	Low	Moderate*	High
Valley oak/sycamore woodland	Oaks to be installed in clusters that are 20 feet on center within the woodland habitat areas; all oak planting sites will be planted with acorns	Oaks to be installed are 20 feet on center within the woodland habitat areas; fifty percent of the overall oak planting sites will be planted with acorns, the remaining 50% will be planted with seedlings	Oaks to be installed are 20 feet on center within the woodland habitat areas all oak plantings to be 1-gallon size)
	Shrubs to be installed 80 feet on center. Shrub seedlings to be installed as Dee-Pots	Shrubs to be installed 40 feet on center. Shrub seedlings to be installed as Dee-Pots	Shrubs to be installed 40 feet on center. Shrub seedlings to be installed as 1-gallon plant size
	Truck water twice per month for 6 months following initial planting.	Provide irrigation for 3 years following initial plant installation	Provide irrigation for 5 years following initial plant installation
	No weed maintenance provided.	Provide weed maintenance of herbaceous weeds for 3 years following initial plant installation	Provide weed maintenance of herbaceous weeds for 5 years following initial plant installation
	Plant replacement: If plant survival is less than 50% the first three years following planting; then replant to 100% of planting sites.	Provide plant protection tubes	Provide plant protection tubes
	Disk and plow existing habitats prior to seeding of a cover crop.	Disk and plow existing habitats prior to seeding of a cover crop	Disk and plow existing habitats prior to seeding of a cover crop
	Seed with a native perennial and annual seed mix	Seed with a native perennial and annual seed mix	Seed with a native perennial and annual seed mix
	No post-seeding weed control treatment	Provide 1 year of post-seeding weed control treatment	Provide 1 year of post-seeding weed control treatment

Habitat Type	Restoration Element Option		
	Low	Moderate*	High
Valley oak/sycamore savanna	<p>Plants to be installed in clusters that are 200 feet on center within the savanna habitat areas; planting site will be 40 feet on center within each cluster</p> <p>Each cluster will consist of an average of 8 oak and 7 other tree and shrub species; all oak planting sites will be planted with acorns</p> <p>Shrub seedlings to be installed as DeePots</p> <p>Truck watering twice per month for first 6 months after installation</p> <p>No weed maintenance provided.</p> <p>Plant replacement: If plant survival is less than 50% the first three years following planting; then replant to 100% of planting sites</p> <p>Disk and plow existing habitats prior to seeding of a cover crop</p> <p>Seed with a native perennial and annual seed mix</p> <p>No post-seeding weed control treatment.</p>	<p>Plants to be installed in clusters that are 200 feet on center with the savanna habitat areas. Planting site will be 40 feet on center within each cluster.</p> <p>Each cluster will consist of an average of 8 oak and 7 other tree and shrub species; fifty percent of the overall oak planting sites will be planted with acorns, the remaining 50% will be planted with seedlings</p> <p>Seedlings to be installed as Dee-Pots</p> <p>Provide irrigation for 3 years following initial plant installation</p> <p>Provide weed maintenance of herbaceous weeds for 3 years following initial plant installation</p> <p>Provide plant protection tubes</p> <p>Disk and plow existing habitats prior to seeding of a cover crop.</p> <p>Seed with a native perennial and annual seed mix</p> <p>Provide 1 year of post-seeding weed control treatment.</p>	<p>Plants to be installed in clusters that are 200 feet on center with the savanna habitat areas. Planting site will be 40 feet on center within each cluster.</p> <p>Each cluster will consist of an average of 8 oak and 7 other tree and shrub species; all oak planting sites will be planted with seedlings</p> <p>Seedlings to be installed as 1-gallon plant size</p> <p>Provide irrigation for 5 years following initial plant installation</p> <p>Provide weed maintenance of herbaceous weeds for 5 years following initial plant installation</p> <p>Provide plant protection tubes</p> <p>Disk and plow existing habitats prior to seeding of a cover crop</p> <p>Seed with a native perennial and annual seed mix</p> <p>Provide 1 year of post-seeding weed control treatment</p>

Habitat Type	Restoration Element Option		
	Low	Moderate*	High
Herbaceous upland	Disk and plow existing irrigated pasture and annual grassland	Disk and plow existing irrigated pasture and annual grassland	Disk and plow existing irrigated pasture and annual grassland
	No weed seed bank control prior to seeding	Provide 1 year of weed seed bank control prior to seeding pre-treat with herbicide and disk twice (spring, summer) before planting	Provide 2 years of weed seed bank control prior to seeding pre-treat with herbicide and disk twice (spring, summer) before planting
	Drill seed with a native perennial and annual seed mix	Drill seed with a native perennial and annual seed mix	Drill seed with a native perennial and annual seed mix
	No post-seeding weed control treatment	Provide 2 years of post-seeding weed control treatment	Provide 5 years of post-seeding weed control treatment

* Includes the same restoration elements assumed for the analysis of Alternative 1.