

Appendix M: Sample Conservation Land Restoration Schedule and Costs

Activities for Prairie Restoration on Scotch Broom Infested Land, 50 acres

Year	% of land	Activity	Hours, timing	Rate, materials, other
1	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
1	100%	Management Planning	80 hours	\$55 per hour
1	100%	Public outreach & communication	32 hours	\$35 per hour
1	100%	Mowing: 6' Bush Hog w/ JD 4000 tractor	5-8 days, \$28 per hour labor	JD 4000 series (100 to 155 hp) tractor, 6' bush hog, 6-10 acres per day
1	50%	Prescribed burning in fall		\$6000 per burn day; pre-burn fireline preparation included
1	50%	Weed control, burned land	8 hours @ \$28 per hour	Glyphosate treatment after green up
1	50%	Weed control, unburned land	Spot spray 40 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
1	50%	Seeding: Native fescue	Truax drop seeder, 6' width	Approximately \$100 per acre for native fescue seed, 4-8 lb per acre
Year	% of land	Activity	Hours, timing	Rate, materials, other
2	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
2	100%	Planning/Reporting	32 hours	\$55 per hour
2	100%	Public outreach & communication	32 hours	\$35 per hour
2	50%	Prescribed burning	Burn each parcel every 3 years	\$6000 per burn day; pre-burn fireline preparation included
2	50%	Weed control, burned land	7 hours @ \$28 per hour	Glyphosate treatment after green up
2	50%	Weed control, unburned land	Spot spray 7 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
2	50%	Seeding:	Truax drop seeder, 6' width	Approximately \$100 per acre for native fescue seed, 4-8 lb per acre
2	50%	Planting		Approx. 4000 plugs per 25-acre parcel @ \$1 per plug including labor
2	100%	Grass herbicide	13 hours @ \$28 per hour in spring	Envoy
2	100%	Invasive weed control	22 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
Year	% of land	Activity	Hours, timing	Rate, materials, other
3	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
3	100%	Planning/Reporting	32 hours	\$55 per hour
3	100%	Full Protocol Monitoring	80 hours	\$35 per hour
3	100%	Public outreach & communication	32 hours	\$35 per hour
3	100%	Weed control	Spot spray 22 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
3	100%	Grass herbicide	13 hours @ \$28 per hour in spring	Envoy
3	100%	Invasive weed control	22 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
Year	% of land	Activity	Hours, timing	Rate, materials, other
4	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
4	100%	Planning/Reporting & Adaptive Mgmt	48 hours	\$55 per hour
4	100%	Public outreach & communication	32 hours	\$35 per hour
4	50%	Prescribed burning	Burn each parcel every 3 years	\$6000 per burn day; pre-burn fireline preparation included
4	50%	Post burn activities	7 hours @ \$28 per hour	Glyphosate treatment after green up
4	50%	Weed control, unburned land	Spot spray 10 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
4	50%	Seeding:	Truax drop seeder, 6' width	Approximately \$100 per acre for native fescue seed, 4-8 lb per acre
4	50%	Planting		Approx. 4000 plugs per 25-acre parcel @ \$1 per plug including labor
4	100%	Grass herbicide	13 hours @ \$28 per hour in spring	Envoy
4	100%	Invasive weed control	22 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
Year	% of land	Activity	Hours, timing	Rate, materials, other
5	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
5	100%	Planning/Reporting	32 hours	\$55 per hour
5	100%	Public outreach & communication	32 hours	\$35 per hour
5	50%	Prescribed burning	Burn each parcel every 3 years	\$6000 per burn day; pre-burn fireline preparation included
5	50%	Post burn activities	7 hours @ \$28 per hour	Glyphosate treatment after green up
5	50%	Weed control, unburned land	Spot spray 11 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
5	50%	Seeding:	Truax drop seeder, 6' width	Approximately \$100 per acre for native fescue seed, 4-8 lb per acre
5	50%	Planting		Approx. 4000 plugs per 25-acre parcel @ \$1 per plug including labor
5	100%	Grass herbicide	13 hours @ \$28 per hour in spring	Envoy
5	100%	Invasive weed control	22 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
Year	% of land	Activity	Hours, timing	Rate, materials, other
6	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
6	100%	Planning/Reporting	32 hours	\$55 per hour
6	100%	Full Protocol Monitoring	80 hours	\$35 per hour

6	100%	Public outreach & communication	32 hours	\$35 per hour
6	50%	Seeding:	Truax drop seeder, 6' width	Approximately \$100 per acre for native fescue seed, 4-8 lb per acre
6	50%	Planting		Approx. 4000 plugs per 25-acre parcel @ \$1 per plug including labor
6	100%	Weed control	Spot spray 22 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
6	100%	Grass herbicide	13 hours @ \$28 per hour in spring	Envoy
6	100%	Invasive weed control	22 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
Year	% of land	Activity	Hours, timing	Rate, materials, other
7	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
7	100%	Planning/Reporting & Adaptive Mgmt	48 hours	\$55 per hour
7	100%	Public outreach & communication	32 hours	\$35 per hour
7	50%	Prescribed burning	Burn each parcel every 3 years	\$6000 per burn day; pre-burn fireline preparation included
7	50%	Post burn activities	7 hours @ \$28 per hour	Glyphosate treatment after green up
7	50%	Weed control, unburned land	Spot spray 7 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
7	50%	Seeding:	Truax drop seeder, 6' width	Native plant seed (forbs) @ \$750 per acre
7	50%	Planting		Approx. 4000 plugs per 25-acre parcel @ \$1 per plug including labor
7	100%	Invasive weed control	22 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
Year	% of land	Activity	Hours, timing	Rate, materials, other
8	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
8	100%	Planning/Reporting	32 hours	\$55 per hour
8	100%	Public outreach & communication	32 hours	\$35 per hour
8	50%	Prescribed burning	Burn each parcel every 3 years	\$6000 per burn day; pre-burn fireline preparation included
8	50%	Post burn activities	7 hours @ \$28 per hour	Glyphosate treatment after green up
8	50%	Weed control, unburned land	Spot spray 7 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
8	50%	Seeding:	Truax drop seeder, 6' width	Native plant seed (forbs) @ \$750 per acre
8	50%	Planting		Approx. 4000 plugs per 25-acre parcel @ \$1 per plug including labor
8	100%	Invasive weed control	16 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
Year	% of land	Activity	Hours, timing	Rate, materials, other
9	100%	Scouting Assessment	32 hours	\$35 per hour, including flagging, GIS work (one day, 4x per year)
9	100%	Planning/Reporting	32 hours	\$55 per hour
9	100%	Full Protocol Monitoring	80 hours	\$35 per hour
9	100%	Public outreach & communication	32 hours	\$35 per hour
9	100%	Weed control	Spot spray 11 hours @ \$28 per hour	Triclopyr 4 @ 2%, 2 person with backpack sprayers, 1 person on ATV
9	100%	Invasive weed control	11 hours @ \$28 per hour	Use boom sprayer (8' boom) if more than 25% needs spraying
9	50%	Seeding:	Truax drop seeder, 6' width	Approximately \$100 per acre for native fescue seed, 4-8 lb per acre
9	50%	Planting		Approx. 4000 plugs per 25-acre parcel @ \$1 per plug including labor