

**Prototype Restoration of Weeded Hillside
at the Berkeley Pit Interpretive Area**

A Grant request to the BNRDC

December 1, 2014

For an amount of \$ 20,720.00

**Submitted by:
Landscapes of Montana
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BERKELEY PIT



PROPOSED AREA

GARDEN AVE

IRON ST

WARREN AVE

SHIELDS AVE

MADISON ST

2013 Aerial Photography

PROJECT NARRATIVE

Planted would only be native trees (800 aspen), native shrubs (Wood's rose, currants, and rabbit rubber brush) along with ornamental native flowering plants (lupin, blue flax, sunflowers, Rocky Mountain bee plants, purple coneflowers, fireweed, etc.). In the planting areas the present weeds would be eliminated by an herbicide spraying to prevent competition to the newly planted trees, shrubs, and flowers. City water would be provided through a poly pipe dispersal system. The irrigation system would be removed at the end of this 8 year contract period. The area would be protected from deer predation for its first 5 years with a deer fence. What is proposed here is basically how the Butte reclaimed landscape would look if Nature were to reclaim the land in 50-100 years. The project is very similar to the very successful reclamation effort at the Cellar Dirt Dump begun in 2012.

The area would augment an already existing garden area, and picnic pavilion area surrounded by lawn grasses.

BUDGET

BERKELEY PIT WEEDED HILLSIDE PROJECT

Category	Cost
1 Topsoil	2,672
2 Soil prep and amendments	0
3 Tree stock and plant material	2,100
4 Temporary irrigation system	1,720
5 Supplies, materials & rental equipment	1,100
6 Labor	12,400
7 Deer fence	900
8 Evaluation	2500
9 Irrigation water	19,256
TOTAL	42,648

PROJECT TIMETABLE

BERKELEY PIT WEEDED HILLSIDE PROJECT 2015-2022

	Task	Tiime period
1	Moving new soils	Apr-May 2015
2	Install temp. irrigation system	June - July 2015
3	Deer fence installation	July-Aug. 2015
4	Tree, shrub, flower planting	Apr-May 2016
5	Evaluation	July, 2018
6	Remove deer fence	June 30 2020
7	Remove temp. irrigation system	October 31 2022