

MARIN COUNTY OPEN SPACE DISTRICT
VEGETATION AND BIODIVERSITY PROJECTS
MONTHLY IPM TREATMENT REPORT

July, 2023

CHEMICAL TREATMENTS

Dates	Preserve	Labor Source	Product Applied	Registration #	Undiluted Product Used	Target Pest	Hours
-------	----------	--------------	-----------------	----------------	------------------------	-------------	-------

(no chemical treatments conducted this month)

OTHER MANAGEMENT ACTIVITIES

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
7/03		Staff		Aegilops triuncialis	1.25
7/03	Terra Linda/Sleepy Hollow Divide	Staff		Aegilops cylindrica	2.75
7/03	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Aegilops cylindrica	2.65
7/03	Terra Linda/Sleepy Hollow Divide	Staff		Aegilops triuncialis	0.60
7/03	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Aegilops triuncialis	10.35
7/03	Terra Linda/Sleepy Hollow Divide	Staff		Elymus caput-medusae	0.00
7/03, 7/27		Staff	Hand Pull	Aegilops triuncialis	15.05
7/05 - 7/27	Mt. Burdell	Staff	Hand Pull	Centaurea solstitialis	206.21
7/05, 7/20		Staff	Hand Pull	Centaurea solstitialis	7.75
7/06	Mt. Burdell	Staff	Hand Pull	Reseda luteola	0.25
7/06	Terra Linda/Sleepy Hollow Divide	Staff	Lop	Maytenus boaria	4.00
7/06, 7/12, 7/13, 7/17, 7/18	Bothin Marsh	Staff	Hand Pull	Limonium ramosissimum	85.56
7/06, 7/19, 7/20, 7/25	Mt. Burdell	Staff		Centaurea solstitialis	6.00
7/06, 7/25	Mt. Burdell	Staff	Shovel Shear	Rhaponticum repens	1.00
7/10	Loma Verde	Staff	Hand Pull	Dittrichia graveolens	0.10
7/10	Lucas Valley	Staff	Shovel Shear	Foeniculum vulgare	0.30
7/10, 7/19, 7/27		Staff	Shovel Shear	Centaurea calcitrapa	6.10
7/11		Staff		Carthamus lanatus	0.00
7/11		Staff	Hand Pull	Dianthus barbatus	0.10
7/11		Staff	Hand Pull	Rubus armeniacus	0.10
7/11	Indian Tree	Staff	Hand Pull	Centaurea calcitrapa	0.10
7/11	Indian Tree	Staff		Ilex aquifolium	0.00
7/11	Stafford Lake	Staff		Centaurea calcitrapa	0.00
7/11	Stafford Lake	Staff	Hand Pull	Centaurea calcitrapa	0.25
7/11	Stafford Lake	Staff	Shovel Shear	Dittrichia graveolens	0.25
7/11, 7/17	Ring Mountain	Staff	Hand Pull	Foeniculum vulgare	22.00
7/11, 7/20		Staff		Centaurea solstitialis	0.00
7/12	Deer Island	Staff		Aegilops triuncialis	0.00
7/12	Old St. Hilary's	Staff	Hand Pull	Dittrichia graveolens	0.10
7/12	Ring Mountain	Staff	Hand Pull	Centaurea melitensis	0.10
7/12	Ring Mountain	Staff	Shovel Shear	Foeniculum vulgare	33.60
7/12	Ring Mountain	Staff	Shovel Shear	Phalaris aquatica	0.10
7/12	Ring Mountain	Staff	Hand Pull	Plecostachys serpyllifolia	0.25
7/12, 7/13, 7/17	Bothin Marsh	Staff	Hand Pull	Limonium duriusculum	10.00

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
7/13	Bothin Marsh	Staff		Limonium duriusculum	0.50
7/13	Bothin Marsh	Staff		Limonium ramosissimum	1.85
7/13	Ring Mountain	Staff	Hand Pull	Cortaderia jubata	0.20
7/13	Ring Mountain	Staff	Shovel Shear	Cotoneaster pannosus	0.20
7/13	Ring Mountain	Staff	Hand Pull	Dittrichia graveolens	0.25
7/13	Ring Mountain	Staff	Shovel Shear	Ligustrum lucidum	0.60
7/13	Ring Mountain	Staff	Shovel Shear	Maytenus boaria	0.25
7/13	Ring Mountain	Staff		Miscanthus sinensis	0.00
7/13	Ring Mountain	Staff		Polygala myrtifolia	0.00
7/17	Old St. Hilary's	Staff	Hand Pull	Ageratina adenophora	0.15
7/17	Old St. Hilary's	Staff	Hand Pull	Foeniculum vulgare	1.11
7/17	Old St. Hilary's	Staff	Hand Pull	Lonicera japonica	1.15
7/17	Old St. Hilary's	Staff		Maytenus boaria	0.00
7/17	Old St. Hilary's	Staff		Phytolacca heterotepala	0.00
7/17	Old St. Hilary's	Staff	Hand Pull	Stipa miliacea	0.33
7/17	Ring Mountain	Staff		Maytenus boaria	0.00
7/17	Ring Mountain	Staff	Hand Pull	Phalaris aquatica	0.15
7/18		Staff	Hand Pull	Olea europaea	0.10
7/18	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Centaurea calcitrapa	0.00
7/18	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Cotoneaster pannosus	0.30
7/18	Terra Linda/Sleepy Hollow Divide	Staff		Cytisus scoparius	0.00
7/18	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Euphorbia oblongata	0.20
7/18	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Foeniculum vulgare	0.25
7/18	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Olea europaea	0.10
7/18, 7/20	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Centaurea calcitrapa	0.20
7/19	Mt. Burdell	Staff	Shovel Shear	Centaurea calcitrapa	0.10
7/20	Mt. Burdell	Staff	Hand Pull	Xanthium strumarium	0.75
7/20	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Cortaderia seloana	0.30
7/20	Terra Linda/Sleepy Hollow Divide	Staff	Lop	Crataegus monogyna	0.25
7/20	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Hypericum perforatum	0.50
7/20	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Pyracantha angustifolia	0.25
7/24	Blithedale Summit	Staff	Hand Pull	Digitalis purpurea	0.00
7/24	Cascade Canyon	Staff	Hand Pull	Crataegus monogyna	0.50
7/24	Rush Creek	Staff	Hand Pull	Ailanthus altissima	0.50
7/24	Rush Creek	Staff	Hand Pull	Centaurea solstitialis	0.75
7/24	Rush Creek	Staff	Hand Pull	Dittrichia graveolens	1.50
7/25	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Cortaderia jubata	0.20
7/25	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Dittrichia graveolens	0.10
7/25	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Grevillea rosmarinifolia	0.10
7/25	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Ligustrum lucidum	0.10

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
7/26		Staff	Hand Pull	Dittrichia graveolens	5.00
7/26	Old St. Hilary's	Staff	Hand Pull	Rubus armeniacus	24.00
7/27		Staff	Shovel Shear	Cortaderia jubata	0.50
7/27	Bowmancanyon	Staff	Hand Pull	Aegilops triuncialis	0.00
7/27	Pacheco Valle	Staff	Hand Pull	Cotoneaster pannosus	0.10
7/27	Pacheco Valle	Staff	Hand Pull	Genista monspessulana	0.20
7/27	Pacheco Valle	Staff	Shovel Shear	Genista monspessulana	0.10
7/27	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Dittrichia graveolens	0.10
7/27	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Maytenus boaria	0.75
7/27	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Xanthium strumarium	0.10
7/31		Staff	Hand Pull	Mentha pulegium	26.00
7/31	Bolinas Lagoon	Staff	Hand Pull	Limonium ramosissimum	8.75
				TOTAL	496.26