

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

August, 2023

CHEMICAL TREATMENTS

Dates	Preserve	Labor Source	Product Applied	Registration #	Undiluted Product Used	Target Pest	Hours
8/08, 8/09	Ring Mountain	Staff	Turf Mark		0 oz	Prunus cerasifera	0.50
			Vastlan	EPA 62719-687	1 oz		
8/08, 8/09	Ring Mountain	Staff	Turf Mark		0 oz	Foeniculum vulgare	6.00
			Vastlan	EPA 62719-687	0 oz		
8/08, 8/09, 8/10, 8/16, 8/17	Ring Mountain	Staff	Habitat	EPA 241-426	0 oz	Maytenus boaria	168.55
			Turf Mark		0 oz		
			Vastlan	EPA 62719-687	6 oz		
8/09	Ring Mountain	Staff	Turf Mark		0 oz	Cotoneaster pannosus	0.00
			Vastlan	EPA 62719-687	0 oz		

TOTAL 175.05

OTHER MANAGEMENT ACTIVITIES

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
8/01	Mt. Burdell	Staff	Hand Pull	Mentha pulegium	40.00
8/01, 8/22, 8/24, 8/25, 8/28	Mt. Burdell	Staff	Hand Pull	Dittrichia graveolens	4.65
8/02	Gary Giacomini	Staff	Hand Pull	Centaurea solstitialis	0.10
8/02	Loma Alta	Staff	Shovel Shear	Genista monspessulana	0.60
8/02 - 8/31		Staff	Hand Pull	Dittrichia graveolens	33.15
8/02, 8/29	Loma Alta	Staff	Hand Pull	Dittrichia graveolens	2.14
8/07	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Cistus incanus	0.60
8/07	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Hedera helix	0.10
8/07, 8/09	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Olea europaea	0.35
8/08	Blithedale Summit	Staff	Shovel Shear	Foeniculum vulgare	0.25
8/08	John F. Mcinnis Park	Staff	Shovel Shear	Centaurea calcitrapa	1.00
8/08	Ring Mountain	Staff	Hand Pull	Centaurea solstitialis	0.00
8/08	Santa Margarita Island	Staff	Hand Pull	Dittrichia graveolens	0.10
8/08	Santa Venetia Marsh	Staff	Hand Pull	Centaurea solstitialis	0.10
8/08	Santa Venetia Marsh	Staff		Lepidium latifolium	0.00
8/08, 8/29	Camino Alto	Staff	Hand Pull	Dittrichia graveolens	0.35
8/08, 8/31	Santa Venetia Marsh	Staff	Hand Pull	Dittrichia graveolens	6.25
8/09	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Cortaderia jubata	0.10
8/09	Terra Linda/Sleepy Hollow Divide	Staff		Cytisus striatus	0.00
8/09	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Cytisus striatus	0.25
8/09	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Dittrichia graveolens	0.10

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
8/09	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Genista monspessulana	0.25
8/09, 8/10	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Foeniculum vulgare	0.45
8/09, 8/30, 8/31	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Dittrichia graveolens	14.41
8/10	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Cotoneaster pannosus	0.10
8/10	Terra Linda/Sleepy Hollow Divide	Staff	Hand Pull	Genista monspessulana	0.20
8/10	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Phalaris aquatica	0.25
8/14		Staff	Hand Pull	Phalaris aquatica	0.10
8/14	Cascade Canyon	Staff	Hand Pull	Genista monspessulana	0.00
8/14	Lucas Valley	Staff	Hand Pull	Phalaris aquatica	0.10
8/14	Lucas Valley	Staff	Shovel Shear	Phalaris aquatica	0.10
8/14	San Pedro Mountain	Staff	Shovel Shear	Acacia melanoxylon	0.25
8/14	San Pedro Mountain	Staff		Ailanthus altissima	0.00
8/14	San Pedro Mountain	Staff	Lop	Cotoneaster pannosus	0.10
8/14	San Pedro Mountain	Staff	Hand Pull	Genista monspessulana	0.10
8/14	San Pedro Mountain	Staff	Lop	Ligustrum lucidum	0.10
8/14	San Pedro Mountain	Staff	Hand Pull	Rubus armeniacus	0.10
8/16	Ignacio Valley	Staff	Hand Pull	Maytenus boaria	1.00
8/16	Mt. Burdell	Staff	Shovel Shear	Rhaponticum repens	0.50
8/16, 8/25	Mt. Burdell	Staff	Shovel Shear	Maytenus boaria	1.35
8/22	French Ranch	Staff	Hand Pull	Paspalum dilatatum	2.00
8/22	Mt. Burdell	Staff	Hand Pull	Xanthium strumarium	0.10
8/23, 8/28	Rush Creek	Staff	Hand Pull	Dittrichia graveolens	7.97
8/24	Mt. Burdell	Staff	Lop	Elaeagnus angustifolia	0.00
8/25	Bolinas Lagoon	Staff	Hand Pull	Echium candicans	0.10
8/25	Loma Verde	Staff	Hand Pull	Centaurea solstitialis	0.50
8/25	Mt. Burdell	Staff	Hand Pull	Centaurea solstitialis	0.10
8/25	Mt. Burdell	Staff		Maytenus boaria	0.00
8/25, 8/28	Ignacio Valley	Staff	Hand Pull	Genista monspessulana	0.75
8/25, 8/30	Loma Verde	Staff	Hand Pull	Dittrichia graveolens	0.35
8/28		Staff		Centaurea calcitrapa	0.00
8/28		Staff	Hand Pull	Phytolacca heteropetala	0.50
8/28		Staff	Hand Pull	Xanthium strumarium	0.10
8/28	Bothin Marsh	Staff		Foeniculum vulgare	0.00
8/28	Bothin Marsh	Staff	Shovel Shear	Foeniculum vulgare	0.10
8/28	Bothin Marsh	Staff	Hand Pull	Limonium ramosissimum	0.30
8/28	Deer Island	Staff	Hand Pull	Dittrichia graveolens	0.87
8/28	Ring Mountain	Staff	Hand Pull	Foeniculum vulgare	0.25
8/28	Ring Mountain	Staff	Hand Pull	Lactuca saligna	0.10
8/28	Ring Mountain	Staff	Hand Pull	Phalaris aquatica	1.05
8/28	Terra Linda/Sleepy Hollow Divide	Staff		Maytenus boaria	0.00
8/28, 8/29		Staff	Hand Pull	Lepidium latifolium	0.60
8/28, 8/29	Old St. Hilary's	Staff	Hand Pull	Dittrichia graveolens	0.60
8/29	Alto Bowl	Staff	Hand Pull	Dittrichia graveolens	0.30

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
8/29	Bolinas Lagoon	Staff	Hand Pull	Limonium ramosissimum	0.25
8/29	Bowmancanyon	Staff	Hand Pull	Dittrichia graveolens	4.85
8/29	Gary Giacomini	Staff		Dittrichia graveolens	0.10
8/29	Gary Giacomini	Staff	Hand Pull	Dittrichia graveolens	0.10
8/29	Horse Hill	Staff	Hand Pull	Dittrichia graveolens	0.50
8/29	Indian Valley	Staff	Hand Pull	Dittrichia graveolens	0.20
8/29	Little Mountain	Staff	Hand Pull	Dittrichia graveolens	0.10
8/29	Loma Alta	Staff		Dittrichia graveolens	0.45
8/29	Mill Valley / Sausalito Path	Staff	Hand Pull	Dittrichia graveolens	0.25
8/29	Ring Mountain	Staff	Hand Pull	Dittrichia graveolens	1.50
8/29	Roys Redwoods	Staff		Dittrichia graveolens	0.18
8/29	Roys Redwoods	Staff	Hand Pull	Dittrichia graveolens	0.10
8/29	Verissimo Hills	Staff	Hand Pull	Dittrichia graveolens	0.50
8/29	White Hill	Staff		Dittrichia graveolens	0.30
8/29	White Hill	Staff	Hand Pull	Dittrichia graveolens	0.70
8/29	Whitehouse Pool	Staff	Hand Pull	Dittrichia graveolens	0.10
8/29	Whitehouse Pool	Staff	Hand Pull	Lepidium latifolium	1.45
8/29, 8/30		Staff		Dittrichia graveolens	0.65
8/30	Baltimore Canyon	Staff	Hand Pull	Dittrichia graveolens	1.00
8/30	King Mountain	Staff	Hand Pull	Dittrichia graveolens	3.25
8/30	Lagoon Park	Staff	Hand Pull	Dittrichia graveolens	0.35
8/30	Lucas Valley	Staff	Hand Pull	Dittrichia graveolens	0.70
8/30	Pacheco Valle	Staff	Hand Pull	Dittrichia graveolens	1.55
8/30, 8/31	Ignacio Valley	Staff	Hand Pull	Dittrichia graveolens	8.75
8/30, 8/31	Terra Linda/Sleepy Hollow Divide	Staff		Dittrichia graveolens	0.95
8/31	Cascade Canyon	Staff	Shovel Shear	Hedera helix	0.00
8/31	Santa Venetia Marsh	Staff		Dittrichia graveolens	0.00

TOTAL

155.12