

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

September, 2023

**CHEMICAL TREATMENTS**

Dates	Preserve	Labor Source	Product Applied	Registration #	Undiluted Product Used	Target Pest	Hours
9/11	Baltimore Canyon	Staff	Competitor	CA 2935-50173	42 oz	Maytenus boaria	105.00
			Garlon 4 Ultra	EPA 62719-527	42 oz		
			Turf Mark		0 oz		
9/14 - 9/27	Ring Mountain	Staff	Hi-Light		0 oz	Foeniculum vulgare	183.85
			Turf Mark		0 oz		
			Vastlan	EPA 62719-687	24 oz		
9/25	Ring Mountain	Staff	Turf Mark		0 oz	Pyracantha angustifolia	0.00
			Vastlan	EPA 62719-687	0 oz		
9/25, 9/26	Ring Mountain	Staff	Turf Mark		0 oz	Cotoneaster pannosus	0.50
			Vastlan	EPA 62719-687	0 oz		
9/26	Ring Mountain	Staff	Turf Mark		0 oz	Prunus cerasifera	48.00
			Vastlan	EPA 62719-687	5 oz		
9/26	Ring Mountain	Staff	Turf Mark		0 oz	Olea europaea	0.50
			Vastlan	EPA 62719-687	0 oz		
9/26, 9/27	Ring Mountain	Staff	Habitat	EPA 241-426	1 oz	Maytenus boaria	33.52
			Turf Mark		0 oz		
			Vastlan	EPA 62719-687	5 oz		
<b>TOTAL</b>							<b>371.37</b>

**OTHER MANAGEMENT ACTIVITIES**

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
9/01	Ring Mountain	Staff	Lop	Heteromeles arbutifolia	0.00
9/01	Ring Mountain	Staff	Lop	Pinus radiata	0.10
9/01, 9/16	Aramburu Wildlife Preserve	Contractor	Hand Pull	Symphotrichum subulatum var. squamatum	8.00
9/01, 9/16	Aramburu Wildlife Preserve	Volunteer	Hand Pull	Symphotrichum subulatum var. squamatum	20.00
9/05	Mt. Burdell	Staff	Hand Pull	Dittrichia graveolens	0.00
9/06		Staff	Hand Pull	Dittrichia graveolens	0.10
9/11	Bald Hill	Staff	Hand Pull	Dittrichia graveolens	5.00
9/11	Bothin Marsh	Staff	Hand Pull	Salsola soda	103.00
9/11	Bothin Marsh	Volunteer	Hand Pull	Salsola soda	4.00
9/11	Whitehouse Pool	Staff	Hand Pull	Lepidium latifolium	0.75
9/12	Bolinas Lagoon	Staff	Hand Pull	Carpobrotus edulis	29.50
9/12	Bolinas Lagoon	Staff	Hand Pull	Elymus caput-medusae	0.25
9/12	Bolinas Lagoon	Staff	Hand Pull	Limonium	0.50

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
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9/14	Cascade Canyon	Staff	Hand Pull	Dittrichia graveolens	0.25
9/14	Whitehouse Pool	Staff	Cover (fabric or plastic)	Lepidium latifolium	50.00
9/16	Aramburu Wildlife Preserve	Contractor	Hand Pull	Salsola soda	4.00
9/16	Aramburu Wildlife Preserve	Volunteer	Hand Pull	Salsola soda	4.00
9/18	Cascade Canyon	Staff	Hand Pull	Genista monspessulana	0.00
9/18	Santa Venetia Marsh	Staff	Hand Pull	Dittrichia graveolens	0.20
9/18	Santa Venetia Marsh	Staff	Hand Pull	Lepidium latifolium	0.25
9/18	Santa Venetia Marsh	Staff	Hand Pull	Tribulus terrestris	0.00
9/18	Terra Linda/Sleepy Hollow Divide	Staff	Shovel Shear	Maytenus boaria	0.25
9/19	Ring Mountain	Staff	IPM Education	Foeniculum vulgare	0.00
9/20	Santa Venetia Marsh	Staff	Hand Pull	Salsola soda	30.00
9/23	Aramburu Wildlife Preserve	Contractor	Hand Pull	Carpobrotus edulis	0.50
9/23	Aramburu Wildlife Preserve	Volunteer	Hand Pull	Carpobrotus edulis	3.50
9/23	Aramburu Wildlife Preserve	Contractor	Hand Pull	Dittrichia graveolens	0.50
9/23	Aramburu Wildlife Preserve	Volunteer	Hand Pull	Dittrichia graveolens	3.50
9/26	Mt. Burdell	Staff	Shovel Shear	Rhaponticum repens	0.50
9/26	Old St. Hilary's	Staff	Hand Pull	Acacia longifolia	0.10
9/26	Old St. Hilary's	Staff	Hand Pull	Dittrichia graveolens	0.10
9/26	Old St. Hilary's	Staff	Hand Pull	Maytenus boaria	0.10
9/27	Ring Mountain	Staff	Lop	Grevillea rosmarinifolia	0.25

TOTAL

269.20