

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

April, 2019

**CHEMICAL TREATMENTS**

Dates	Preserve	Labor Source	Product Applied	Registration #	Undiluted Product Used	Target Pest	Hours
4/24	Terra Linda/Sleepy Hollow Divide	Staff	Competitor	CA 2935-50173	72 oz	Centaurea solstitialis	32.00
			Suppress	EPA 51517-9	215 oz		
			Turf Mark		0 oz		
TOTAL							32.00

**OTHER MANAGEMENT ACTIVITIES**

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
4/01	French Ranch	Staff	Hand Pull	Cytisus scoparius	6.50
4/01	French Ranch	Staff	Hand Pull	Genista monspessulana	1.85
4/01	Mt. Burdell	Staff	Lop	Grevillea rosmarinifolia	0.50
4/01	Mt. Burdell	Staff	Hand Pull	Hedera helix	1.00
4/01	Mt. Burdell	Staff	Hand Pull	Mentha pulegium	0.00
4/01	Mt. Burdell	Staff	Hand Pull	Olea europaea	0.50
4/01	Mt. Burdell	Staff	Hand Pull	Prunus cerasifera	0.25
4/01	Mt. Burdell	Staff	Lop	Pyracantha angustifolia	0.25
4/01	Old St. Hilary's	Staff	Planting	mimulus guttatus	2.00
4/02, 4/03	Old St. Hilary's	Staff	Hand Pull	Genista monspessulana	34.63
4/03	Gary Giacomini	Staff	Hand Pull	Genista monspessulana	0.10
4/03	Maurice Thorner	Staff	Hand Pull	Rubus armeniacus	0.20
4/03	Old St. Hilary's	Staff	Hand Pull	Polygala myrtifolia	0.50
4/04	Blithedale Summit	Staff	Hand Pull	Ageratina adenophora	1.25
4/04	Bothin Marsh	Staff	Hand Pull	Limonium ramosissimum	4.25
4/04	Ring Mountain	Contractor	Hand Pull	Festuca arundinacea	35.00
4/04	Ring Mountain	Staff	Hand Pull	Festuca arundinacea	5.00
4/04	Ring Mountain	Volunteer	Hand Pull	Festuca arundinacea	160.00
4/04	Strawberry Point Tidal Area	Staff	Hand Pull	Limonium ramosissimum	1.50
4/08	Pacheco Valle	Staff	Hand Pull	Genista monspessulana	35.30
4/08, 4/23, 4/30	Loma Verde	Staff	Hand Pull	Genista monspessulana	4.55
4/09	Mt. Burdell	Staff	Hand Pull	Phalaris aquatica	0.50
4/09	Ring Mountain	Staff	Power Tools	Avena barbata	8.00
4/09	Verissimo Hills	Staff	Hand Pull	Genista monspessulana	0.50
4/10	Ignacio Valley	Staff	Hand Pull	Genista monspessulana	0.25
4/10	Ignacio Valley	Staff	Lop	Genista monspessulana	0.75
4/10	Ignacio Valley	Staff	Lop	Grevillea rosmarinifolia	27.00
4/10	Ring Mountain	Staff	Power Tools	Avena fatua	10.00
4/15	Ring Mountain	Staff	Hand Pull	Romulea rosea var. australis	7.50
4/15, 4/16, 4/17, 4/22, 4/30	Terra Linda/Sleepy Hollow Divide	Staff	Mow	Aegilops triuncialis	104.25
4/17	Rush Creek	Staff	Hand Pull	Grevillea rosmarinifolia	0.75

Dates	Preserve	Labor Source	Activity	Target Pest	Hours
4/17	Rush Creek	Staff	Lop	Sesbania punicea	0.00
4/17	Verissimo Hills	Staff	Hand Pull	Centaurea calcitrapa	0.25
4/20, 4/24, 4/26	Bolinas Lagoon	Contractor	Hand Pull	Carpobrotus edulis	29.50
4/20, 4/24, 4/26	Bolinas Lagoon	Staff	Hand Pull	Carpobrotus edulis	7.00
4/20, 4/26	Bolinas Lagoon	Contractor	Hand Pull	Cakile maritima	2.50
4/20, 4/26	Bolinas Lagoon	Staff	Hand Pull	Cakile maritima	2.50
4/20, 4/26	Bolinas Lagoon	Volunteer	Hand Pull	Cakile maritima	39.00
4/20, 4/26	Bolinas Lagoon	Volunteer	Hand Pull	Carpobrotus edulis	31.00
4/22	Bald Hill	Staff	Hand Pull	Cotoneaster pannosus	0.10
4/22	Bald Hill	Staff	Hand Pull	Ehrharta erecta	0.10
4/22	Bald Hill	Staff	Hand Pull	Hedera canariensis	0.05
4/22	Bald Hill	Staff	Hand Pull	Hedera helix	0.10
4/22	Bald Hill	Staff	Hand Pull	Rubus armeniacus	0.10
4/22	Ring Mountain	Contractor	Power Tools	Pinus radiata	0.00
4/22	Ring Mountain	Staff	Power Tools	Pinus radiata	0.00
4/22	Rush Creek	Staff	Lop	Ailanthus altissima	0.50
4/22	Santa Venetia Marsh	Staff	Hand Pull	Carpobrotus edulis	0.10
4/22	Santa Venetia Marsh	Staff	Hand Pull	Foeniculum vulgare	2.00
4/22	Santa Venetia Marsh	Staff	Hand Pull	Genista monspessulana	7.00
4/22	Santa Venetia Marsh	Staff	Hand Pull	Prunus cerasifera	0.20
4/22	Santa Venetia Marsh	Staff	Hand Pull	Washingtonia robusta	0.20
4/22, 4/23	Rush Creek	Staff	Hand Pull	Genista monspessulana	1.00
4/23	Old St. Hilary's	Staff	Hand Pull	Ageratina adenophora	28.00
4/23	Rush Creek	Staff	Hand Pull	Cytisus scoparius	0.50
4/26, 4/27	Ring Mountain	Staff	Hand Pull	Genista monspessulana	30.00
4/26, 4/27	Ring Mountain	Volunteer	Hand Pull	Genista monspessulana	161.00
4/29	Bolinas Lagoon	Staff	Hand Pull	Ammophila arenaria	42.00
4/29	Bolinas Lagoon	Staff	Hand Pull	Lupinus arboreus	3.50
4/30	Loma Verde	Staff	Hand Pull	Grevillea rosmarinifolia	0.25
4/30	Loma Verde	Staff	Hand Pull	Zantedeschia aethiopica	0.25

TOTAL

843.33