

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

October, 2023

**CHEMICAL TREATMENTS**

| Dates        | Preserve         | Labor Source | Product Applied | Registration # | Undiluted Product Used | Target Pest             | Hours |
|--------------|------------------|--------------|-----------------|----------------|------------------------|-------------------------|-------|
| 10/10        | Old St. Hilary's | Staff        | Turf Mark       |                | 0 oz                   | Cotoneaster franchetii  | 0.00  |
|              |                  |              | Vastlan         | EPA 62719-687  | 1 oz                   |                         |       |
| 10/10        | Old St. Hilary's | Staff        | Turf Mark       |                | 0 oz                   | Rubus armeniacus        | 0.00  |
|              |                  |              | Vastlan         | EPA 62719-687  | 2 oz                   |                         |       |
| 10/10        | Old St. Hilary's | Staff        | Turf Mark       |                | 0 oz                   | Acacia longifolia       | 0.00  |
|              |                  |              | Vastlan         | EPA 62719-687  | 1 oz                   |                         |       |
| 10/10, 10/12 | Old St. Hilary's | Staff        | Habitat         | EPA 241-426    | 1 oz                   | Cotoneaster pannosus    | 11.00 |
|              |                  |              | Turf Mark       |                | 0 oz                   |                         |       |
|              |                  |              | Vastlan         | EPA 62719-687  | 2 oz                   |                         |       |
| 10/11, 10/12 | Old St. Hilary's | Staff        | Turf Mark       |                | 0 oz                   | Pyracantha angustifolia | 29.00 |
|              |                  |              | Vastlan         | EPA 62719-687  | 3 oz                   |                         |       |
| 10/11, 10/12 | Old St. Hilary's | Staff        | Turf Mark       |                | 0 oz                   | Foeniculum vulgare      | 0.00  |
|              |                  |              | Vastlan         | EPA 62719-687  | 0 oz                   |                         |       |
| 10/12        | Old St. Hilary's | Staff        | Turf Mark       |                | 0 oz                   | Prunus cerasifera       | 0.00  |
|              |                  |              | Vastlan         | EPA 62719-687  | 0 oz                   |                         |       |
| 10/12        | Old St. Hilary's | Staff        | Habitat         | EPA 241-426    | 0 oz                   | Maytenus boaria         | 0.00  |
|              |                  |              | Turf Mark       |                | 0 oz                   |                         |       |
| 10/16        | Gary Giacomini   | Staff        | Garlon 4 Ultra  | EPA 62719-527  | 0 oz                   | Acacia melanoxyton      | 16.00 |
|              |                  |              | Pentra-bark     | CA 83416-50001 | 1 oz                   |                         |       |
|              |                  |              | Turf Mark       |                | 0 oz                   |                         |       |
| 10/30        | King Mountain    | Staff        | Garlon 4 Ultra  | EPA 62719-527  | 0 oz                   | Acacia decurrens        | 16.00 |
|              |                  |              | Pentra-bark     | CA 83416-50001 | 1 oz                   |                         |       |
|              |                  |              | Turf Mark       |                | 0 oz                   |                         |       |
| 10/30        | King Mountain    | Staff        | Garlon 4 Ultra  | EPA 62719-527  | 0 oz                   | Acacia melanoxyton      | 8.00  |
|              |                  |              | Pentra-bark     | CA 83416-50001 | 1 oz                   |                         |       |
|              |                  |              | Turf Mark       |                | 0 oz                   |                         |       |

TOTAL 80.00

**OTHER MANAGEMENT ACTIVITIES**

| Dates | Preserve      | Labor Source | Activity  | Target Pest         | Hours |
|-------|---------------|--------------|-----------|---------------------|-------|
| 10/02 | Ring Mountain | Staff        | Hand Pull | Cortaderia jubata   | 14.05 |
| 10/03 | Ring Mountain | Staff        | Hand Pull | Miscanthus sinensis | 1.25  |
| 10/03 | Ring Mountain | Staff        | Hand Pull | Pyracantha          | 0.05  |

| Dates        | Preserve                         | Labor Source | Activity              | Target Pest               | Hours  |
|--------------|----------------------------------|--------------|-----------------------|---------------------------|--------|
|              |                                  |              |                       | angustifolia              |        |
| 10/05        | French Ranch                     | Staff        | Hand Pull             | Dittrichia graveolens     | 0.00   |
| 10/09, 10/31 | Bothin Marsh                     | Staff        | Hand Pull             | Limonium duriusculum      | 5.60   |
| 10/09, 10/31 | Bothin Marsh                     | Staff        | Hand Pull             | Limonium ramosissimum     | 24.60  |
| 10/11        | Bolinas Lagoon                   | Staff        | Hand Pull             | Limonium ramosissimum     | 0.25   |
| 10/11        | Cascade Canyon                   | Staff        | Hand Pull             | Dittrichia graveolens     | 0.10   |
| 10/11        | Old St. Hilary's                 | Staff        | Hand Pull             | Genista monspessulana     | 10.50  |
| 10/12        | King Mountain                    | Staff        | Hand Pull             | Lychnis coronaria         | 0.25   |
| 10/16        | Gary Giacomini                   | Staff        | Lop                   | Pseudotsuga menziesii     | 0.00   |
| 10/16        | Gary Giacomini                   | Staff        | Power Tools           | Pseudotsuga menziesii     | 8.00   |
| 10/16, 10/17 | Indian Valley                    | Staff        | Hand Pull             | Dittrichia graveolens     | 1.50   |
| 10/17        | Alto Bowl                        | Staff        | Hand Pull             | Maytenus boaria           | 0.10   |
| 10/17        | Camino Alto                      | Staff        | Hand Pull             | Dittrichia graveolens     | 0.10   |
| 10/17        | Ignacio Valley                   | Staff        | Hand Pull             | Dittrichia graveolens     | 2.45   |
| 10/17        | Loma Alta                        | Staff        | Hand Pull             | Dittrichia graveolens     | 1.20   |
| 10/17        | Mt. Burdell                      | Staff        | Hand Pull             | Dittrichia graveolens     | 3.00   |
| 10/17        | Old St. Hilary's                 | Staff        | Hand Pull             | Asclepias curassavica     | 0.10   |
| 10/17        | Old St. Hilary's                 | Staff        | Hand Pull             | Dittrichia graveolens     | 0.90   |
| 10/17        | Old St. Hilary's                 | Staff        | Hand Pull             | Phytolacca americana      | 0.10   |
| 10/17        | Roys Redwoods                    | Staff        | Hand Pull             | Dittrichia graveolens     | 0.60   |
| 10/17        | Roys Redwoods                    | Staff        | Hand Pull             | Hedera helix              | 0.10   |
| 10/17        | Terra Linda/Sleepy Hollow Divide | Staff        | Hand Pull             | Genista monspessulana     | 0.50   |
| 10/17        | White Hill                       | Staff        | Hand Pull             | Dittrichia graveolens     | 0.60   |
| 10/17, 10/23 | Ring Mountain                    | Staff        | Hand Pull             | Dittrichia graveolens     | 1.26   |
| 10/18        | Mt. Burdell                      | Staff        | Shovel Shear          | Maytenus boaria           | 1.70   |
| 10/18        | Mt. Burdell                      | Staff        | Shovel Shear          | Rhaponticum repens        | 0.20   |
| 10/18        | Rush Creek                       | Staff        | Flower / Seed Removal | Carex pendula             | 0.50   |
| 10/18        | Rush Creek                       | Staff        | Hand Pull             | Genista monspessulana     | 0.10   |
| 10/18, 10/24 | Rush Creek                       | Staff        | Hand Pull             | Dittrichia graveolens     | 0.25   |
| 10/19        | Cascade Canyon                   | Staff        | Hand Pull             | Pseudotsuga menziesii     | 116.00 |
| 10/19        | Cascade Canyon                   | Staff        | Hand Pull             | Spartium junceum          | 0.25   |
| 10/19        | Ignacio Valley                   | Staff        | Hand Pull             | Maytenus boaria           | 0.50   |
| 10/19        | Terra Linda/Sleepy Hollow Divide | Staff        | Hand Pull             | Dittrichia graveolens     | 0.55   |
| 10/19        | Terra Linda/Sleepy Hollow Divide | Staff        | Shovel Shear          | Maytenus boaria           | 0.00   |
| 10/23        | Ring Mountain                    | Staff        | Hand Pull             | Phoenix dactylifera       | 0.25   |
| 10/23        | Ring Mountain                    | Staff        | Hand Pull             | Pinus muricata            | 0.50   |
| 10/23        | Ring Mountain                    | Staff        | Hand Pull             | Sequoiadendron giganteum  | 0.15   |
| 10/23, 10/24 | Ring Mountain                    | Staff        | Hand Pull             | Pinus radiata             | 19.45  |
| 10/23, 10/24 | Ring Mountain                    | Staff        | Lop                   | Pinus radiata             | 10.25  |
| 10/24        | Ring Mountain                    | Staff        | Hand Pull             | Cupressus macrocarpa      | 0.50   |
| 10/24        | Ring Mountain                    | Staff        | Hand Pull             | Hesperocyparis macrocarpa | 0.45   |
| 10/24        | Ring Mountain                    | Staff        | Hand Pull             | Juniperus chinensis       | 0.50   |
| 10/24        | Ring Mountain                    | Staff        | Hand Pull             | Pinus Radiata             | 0.35   |
| 10/24        | Ring Mountain                    | Staff        | Hand Pull             | Pinus pinea               | 1.00   |

Dates

Preserve

Labor Source

Activity

Target Pest

Hours

TOTAL

230.61