

**2019 Non-Chemical IPM Management & Practices  
Through the 3<sup>rd</sup> Quarter of 2019**

<b>Month</b>	<b>Staff Labor Hours</b>	<b>Volunteer Hours</b>	<b>Contractor Labor Hours</b>	<b>Total Hours</b>
<i>JANUARY</i>	1149	1182	1009	3340
<i>FEBRUARY</i>	1370	1376	985	3731
<i>MARCH</i>	1706	570	744.5	3021
<i>APRIL</i>	1862	976	1192	4031
<i>MAY</i>	1851	451	1010	3313
<i>JUNE</i>	2419	993	1084	4497
<i>JULY</i>	1756	879	1137	3773
<i>AUGUST</i>	1946	1325	1062	4333
<i>SEPTEMBER</i>	1740	1384	913	4038
<i>Total Q1 2020</i>	4225	3128	2739	10091
<i>Total Q2 2020</i>	6132	2420	3288	11840
<i>Total Q3 2020</i>	5442	3588	3114	12144
<i>Total ytd 2020</i>	15799	5548	6027	21931
<i>Total ytd 2019:</i>	18352	8712	8668	35732
<i>Total ytd 2018:</i>	17031	8,655	7,483	33,169
<i>Total ytd 2017:</i>	20083	8,079	6,424	34586
<i>% change ytd:</i>	-0.139140148	-0.363177227	-0.304710814	-0.386228964

**What does Non-Chemical IPM Methods mean?**

**Weed whipping, mulch installation, turf aeration and renovation, gopher and ground squirrel control, hand weeding, flaming, irrigation repair and adjustments to prevent weed growth, flail mowing, sheet mulching, pruning out diseased branches, and many more tasks that support the County IPM program that do not include applying pesticides.**

### Third Quarter IPM Volunteer Highlights: July

**Total Volunteer Hours: 943**

**Total IPM Hours: 879**



Above: Volunteer Alycia helped clear invasive fennel plants and improve views at Black Point Boat Launch, July 22<sup>nd</sup>, 2020.



Above: Volunteers Alycia and Nadine work with park staff on sheet mulching work at Stafford Lake Bike Park, July 8<sup>th</sup>, 2020.



Above: Volunteers work with park staff to remove Limonium and other invasive plants from [Bothin Marsh](#) and beside the Sausalito/Mill Valley Multi-Use Pathway, [July](#), 2020.

### Third Quarter IPM Volunteer Highlights: August

**Total Volunteer Hours: 1,325**

**Total IPM Hours: 1,325**



Above: Volunteers remove Russian thistle at McInnis Park on August 17<sup>th</sup>, 2020.

### Third Quarter IPM Volunteer Highlights: September



Above: Russian thistle removal at Bothin Marsh/ Mill Valley Multi-Use Pathway, September, 2020.

Requests for accommodations may be made by calling (415) 473-4381, TTY (415) 473-2495, CRS dial 711, email at [disabilityaccess@marincounty.org](mailto:disabilityaccess@marincounty.org) at least five work days in advance. Copies of documents are available in alternative formats, upon request.