

**2018 Non-Chemical IPM Management & Practices
Through the 2nd Quarter of 2018**

Month	Staff IPM Labor Hours	Volunteer Hours	Contractor Labor Hours	Total Hours
<i>JANUARY</i>	1,226	556	719	2,501
<i>FEBRUARY</i>	1,587	912	717.6	3,217
<i>MARCH</i>	1,890	862	920	3,672
<i>APRIL</i>	1,762	1,750	973.85	4,486
<i>MAY</i>	2,323	866	965.91	4,155
<i>JUNE</i>	1,875	753	748	3,376
<i>JULY</i>				0
<i>AUGUST</i>				0
<i>SEPTEMBER</i>				0
<i>OCTOBER</i>				0
<i>NOVEMBER</i>				0
<i>DECEMBER</i>				0
<i>Total Q1 2018</i>	4,703	2,330	2,357	9,389
<i>Total Q2 2018</i>	5,960	3,369	2,688	12,016
<i>Total Q3 2018</i>				0
<i>Total Q4 2018</i>				0
Total ytd 2018:	10,662	5,699	5,044	21,405
<i>Total ytd 2017:</i>	13,926	4,897	4,261	23,084
<i>Total ytd 2016:</i>	14,200	3,969	4,415	22,584
<i>Total ytd 2015:</i>	8,570	3,707	4,197	16,474
<i>Total ytd 2014:</i>	7201	3001	4255	14457
% change ytd:	-23.44%	16.38%	18.38%	-7.27%

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.

Second Quarter Non-Chemical IPM Highlights - April



Total Volunteer Hours: 1,895

Total IPM Hours: 1,750

Above: Volunteers celebrate Earth Day by mulching at Hal Brown Park at Creekside on April 21st, 2018.

Right: Trash pickup is pest prevention. "The family that picks together sticks together."



Second Quarter Non-Chemical IPM Highlights - **May**

Total Volunteer Hours: 1,100

Total IPM Hours: 866



Left: Volunteers from “Toys for Bob” removed invasive plants and installed sheet mulch at Stafford Lake Park on May 8th, 2018.

Second Quarter Non-Chemical IPM Highlights - **June**



**Total Volunteer Hours:
1,030**

**Total IPM Hours:
753**

Above: GreenPlay volunteers removed litter and invasive Russian thistle plants from Bothin Marsh/Mill Valley Multi-Use Pathway on June 19th, 2018.