

**2019 Non-Chemical IPM Management & Practices
Through the 2nd Quarter of 2019**

Month	Staff Labor Hours	Volunteer Hours	Contractor Labor Hours	Total Hours
<i>JANUARY</i>	1379	861	1041	3280
<i>FEBRUARY</i>	1552	1063	1005	3619
<i>MARCH</i>	1557	890	1103	3550
<i>APRIL</i>	1593.5	976	1001.666667	3571
<i>MAY</i>	2268	519	841.00	3628
<i>JUNE</i>	2558.5	555	994.25	4108
<i>Total Q1 2019</i>	4487	2814	3148	10449
<i>Total Q2 2019</i>	6420	2050	2836.916667	11307
<i>Total ytd 2019:</i>	10907	4864	5985	21756
<i>Total ytd 2018:</i>	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>% change ytd:</i>	2.30	-14.65	18.66	1.64

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
2019**

Total Volunteer Hours: 1,101

Total IPM Hours: 976



Above: Weed removal thanks to Two Ten Footwear Foundation at Hal Brown Park, April 24th.

Second Quarter Non-Chemical IPM Highlights: May 2019

Total Volunteer Hours: 898

Total IPM Hours: 519



Above: Creekside restoration with One Tam volunteers, May 18th, 2019. Possibly the youngest volunteer of 2019.

Second Quarter Non-Chemical IPM Highlights: June 2019

Total Volunteer Hours: 804

Total IPM Hours: 555



Above: "A Team" at Black Point Boat Launch on June 26th, 2019.