

## Trash Reduction Maps

Figure 1 illustrates trash generation documented in the fiscal year 2014/2015 annual stormwater report as the baseline for trash reduction. Preliminary trash generation rates were established with land use and demographic data and finalized after extensive field assessments were conducted to verify trash generation. The green color shows areas with low generation of trash (no treatment needed), the yellow areas are with medium generation of trash (needing treatment), and the peach/red color areas are with high generation of trash (needing treatment).

**Figure 1. Baseline Trash Generation**

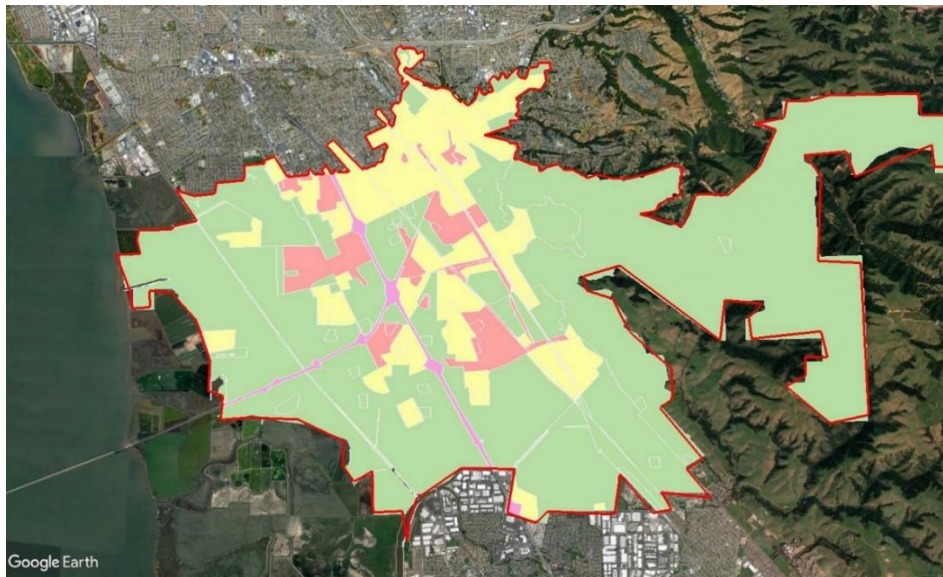


Figure 2 illustrates the current trash reduction as a result of trash capture devices at the end of fiscal year 2017. The blue color shows the area treated with trash capture devices.

**Figure 2. Treatment as of June 2017**

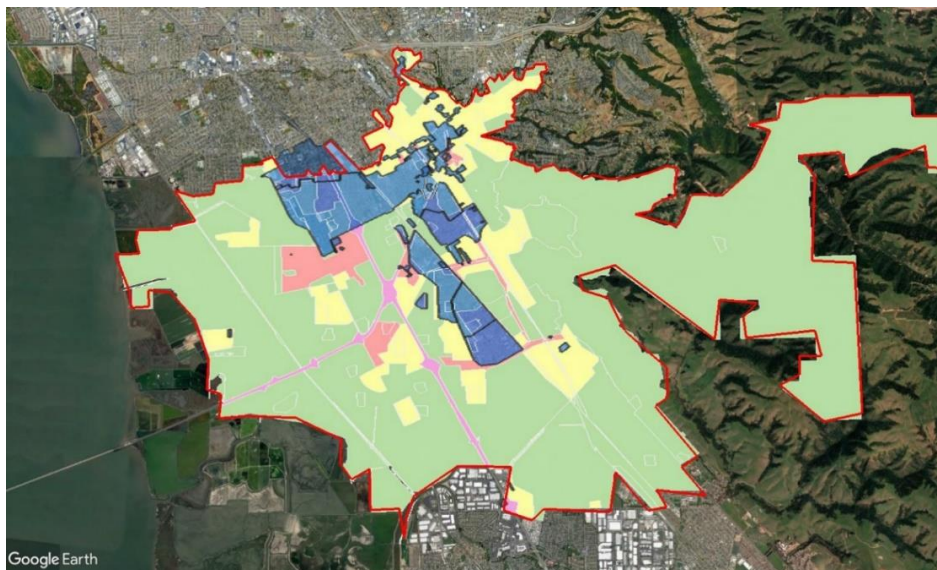


Figure 3 illustrates the area that may be treated (shown in dark yellow) with either an HDS unit or many small devices in the Arf Avenue area. It is estimated that approximately 6% trash reduction would be gained with this project.

**Figure 3. Potential Treatment with New Infrastructure near Arf Avenue**

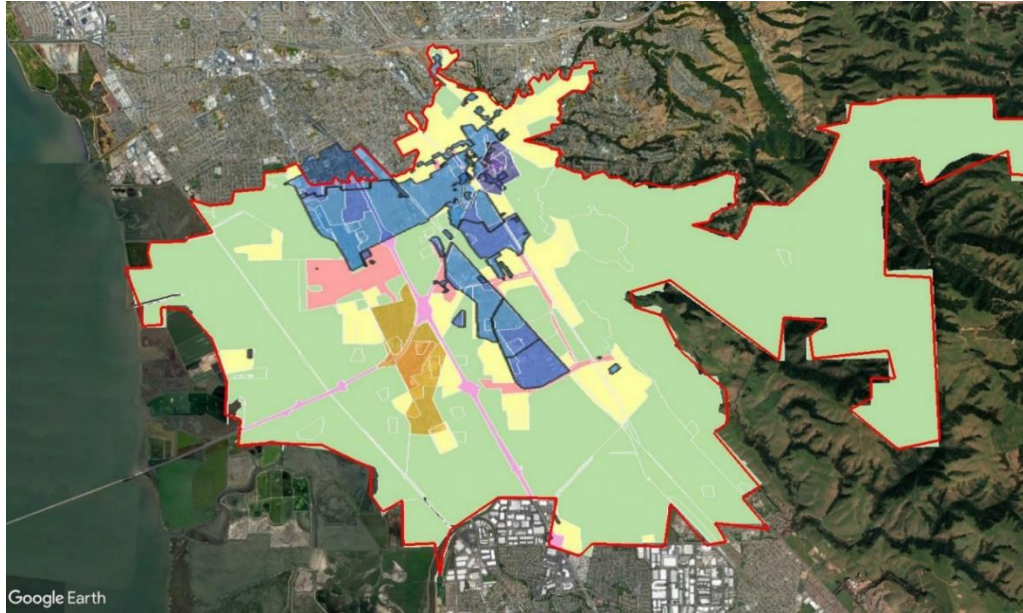
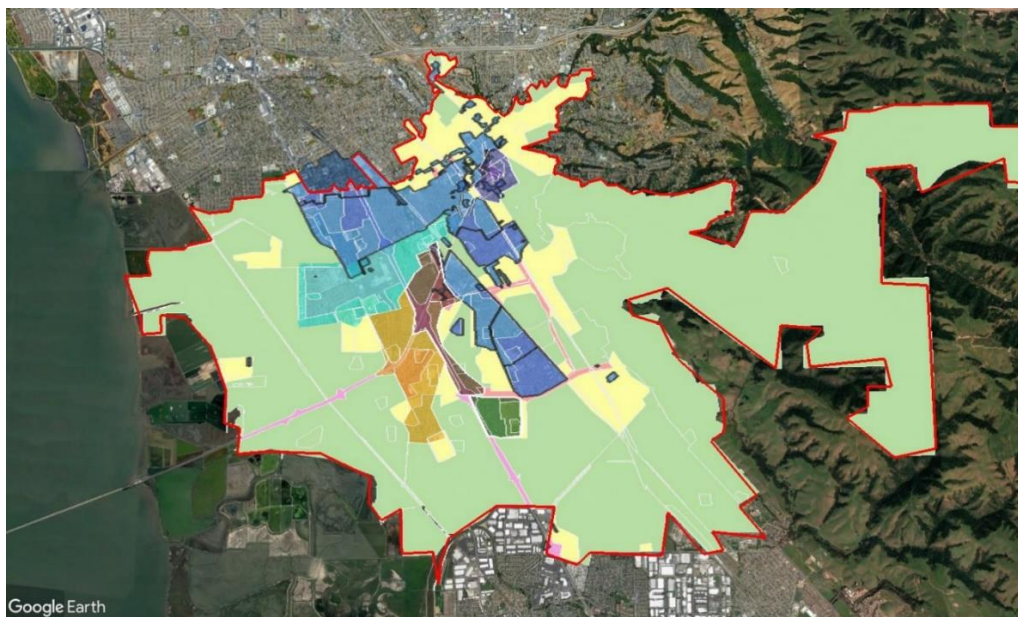


Figure 4 illustrates projected trash reduction by the year 2023 with the addition of three HDS trash capture devices funded by Caltrans. The aqua blue, dark green, and dark red colors are areas that would be treated.

**Figure 4. Three Additional HDS Units Funded by Caltrans**



As shown on Figure 5, there are remaining areas to treat with full trash capture particularly in the northern and central areas of Hayward. The dark pink color shows an area of drainage with the potential for full trash capture by a large HDS unit. Funding has yet to be identified for a project in this area. There are also areas needing treatment near the Whipple/880 interchange; upper B Street; and areas near Whitman, Harder and Tennyson.

**Figure 5. Additional Potential HDS Unit**

