

Street Sweeping Update



CITY COUNCIL
January 8, 2025



BACKGROUND

New Street Sweeping Contract

- New contract awarded - Council Meeting April 24, 2024
- Contract Commenced June 1, 2024: 5 Years (optional +3)
- SCA original cost - \$19.06/CM; bid cost - \$68.30/CM
- CR&R: bid cost - \$44.56/CM
- Reasons for increase
 - Dumping fees
 - Labor – Prevailing wage rate requirements
 - Industry consolidation
 - Inflationary factors

Street Sweeping & NPDES/Storm Water Permit



NPDES REQUIREMENTS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

ORDER NO. R9-2013-0001,
AS AMENDED BY ORDER NOS. R9-2015-0001 AND R9-2015-0100
NPDES NO. CAS0109266

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES FROM THE MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s) DRAINING THE WATERSHEDS WITHIN THE SAN DIEGO REGION

The Orange County Copermittees in Table 1b are subject to waste discharge requirements set forth in this Order.

Table 1b. Orange County Copermittees¹

City of Aliso Viejo	City of Rancho Santa Margarita
City of Dana Point	City of San Clemente
City of Laguna Beach	City of San Juan Capistrano
City of Laguna Hills	City of Laguna Woods
City of Laguna Niguel	County of Orange
City of Mission Viejo	Orange County Flood Control District

The federal regulations (40CFR122.26(d)(2)(i)(B)) require the Copermittees to establish the legal authority which authorizes or enables the Copermittees to prohibit illicit discharges to the MS4s.



NPDES REQUIREMENTS

Street Sweeping & NPDES/Storm Water Permit

1. Legal Authority Establishment and Enforcement

- a. Each Copermitttee must establish, maintain, and enforce adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 through statute, ordinance, permit, contract, order, or similar means. This legal authority must, at a minimum, authorize the Copermitttee to:

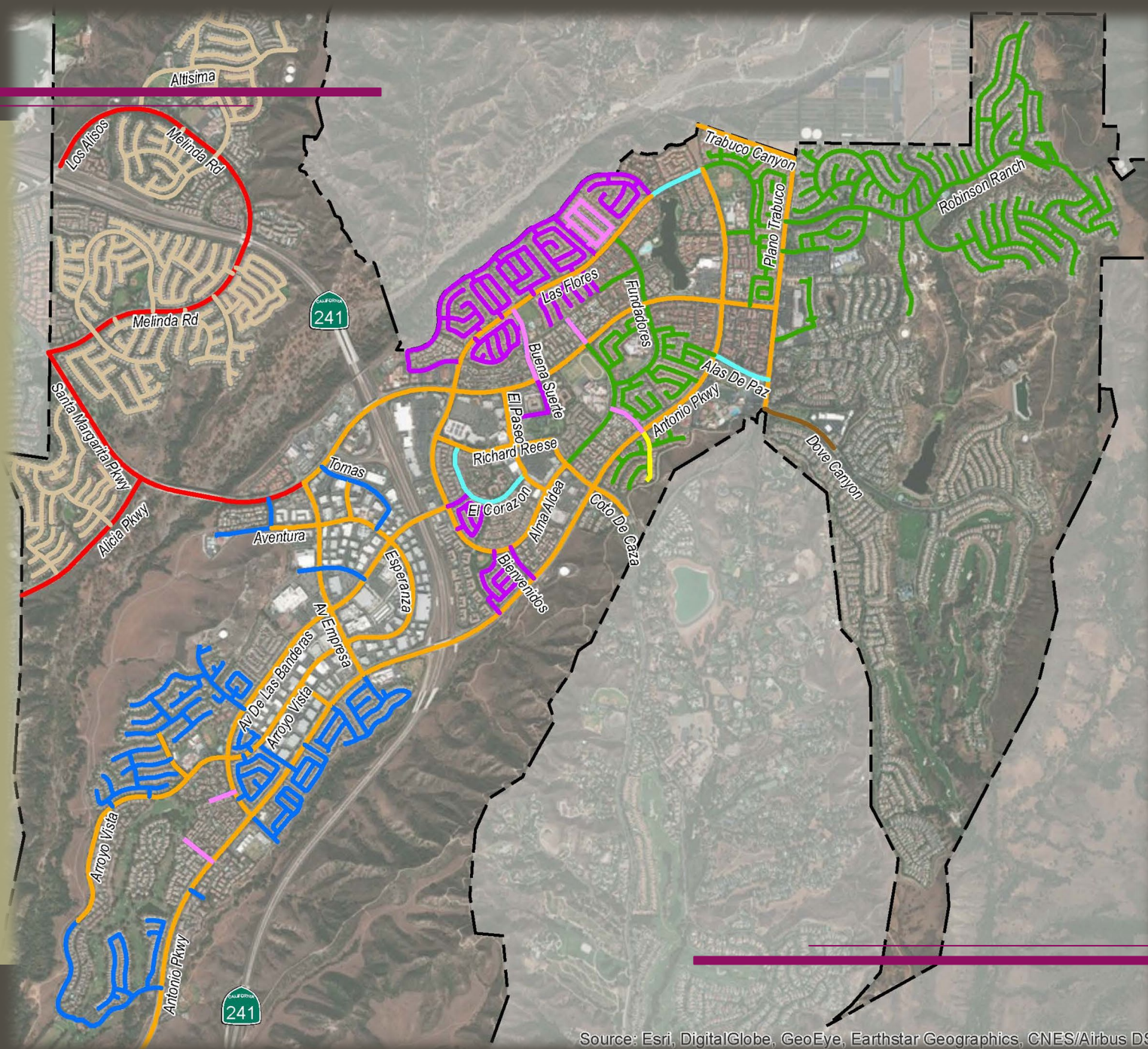
- (7) Require the use of BMPs to prevent or reduce the discharge of pollutants in storm water from its MS4 to the MEP;

Section II.E.1.a

- Prevents trash, sediment, oils and organic materials from entering the storm drains
- Regular street sweeping is recognized as an accepted “Best Management Practice (BMP)”
- Failure to provide street sweeping may result in potential fines



SWEEPING ROUTES



Legend

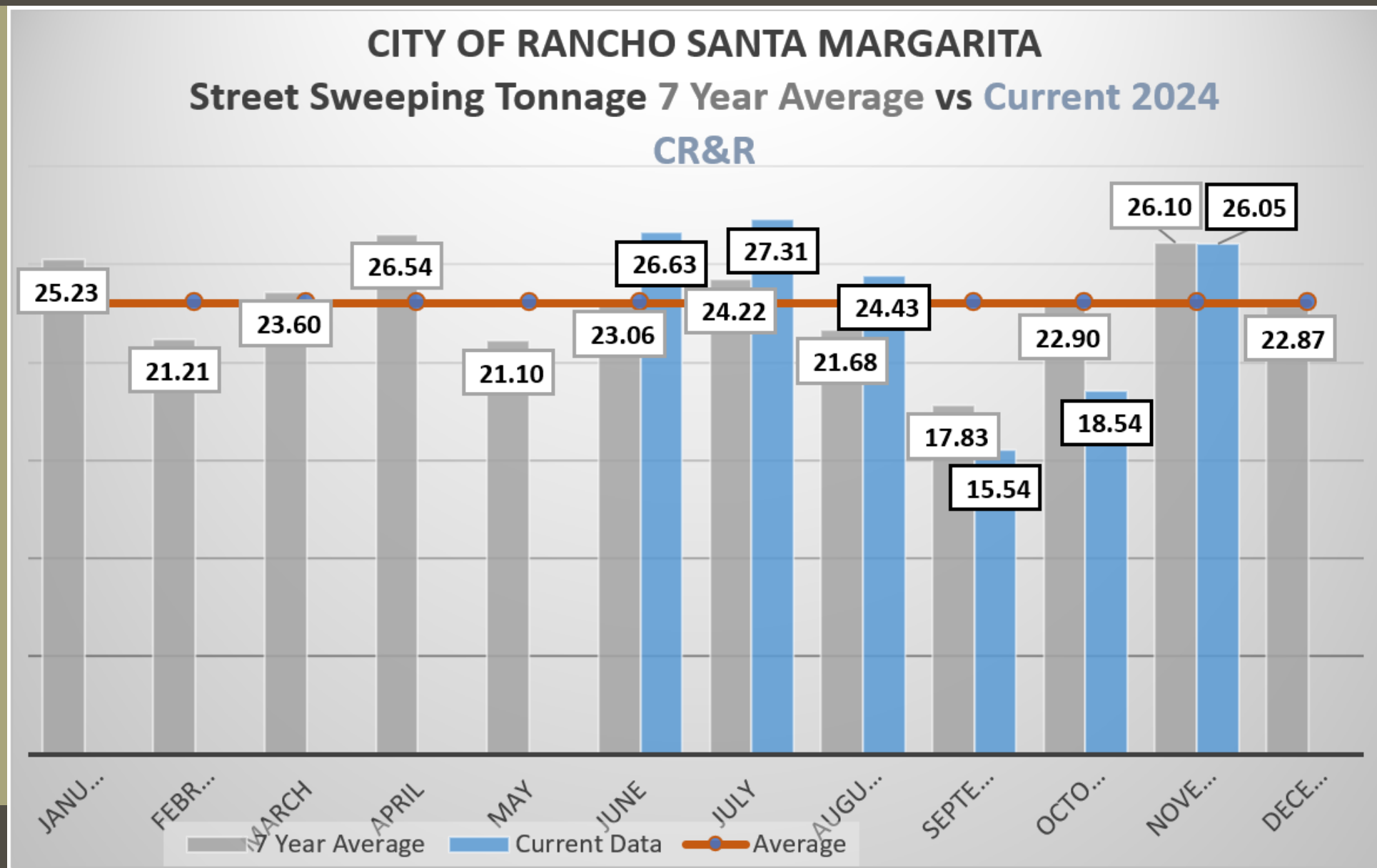
- Route 1 (2nd Monday monthly)
- Route 2 (2nd Wed. monthly)
- Route 3 (Every Thursday)
- Route 4 (Every Friday)
- Route 5 (1st Friday monthly)
- Route 6 (2nd Friday monthly)
- Route 7 (Every Tuesday)
- Route 8 (Every Thurs. PM - Fri. AM)
- Route 9 (2nd & 4th Monday)
- Route 10 (2nd & 4th Wed.)

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS

Historical Tonnage vs New Contract



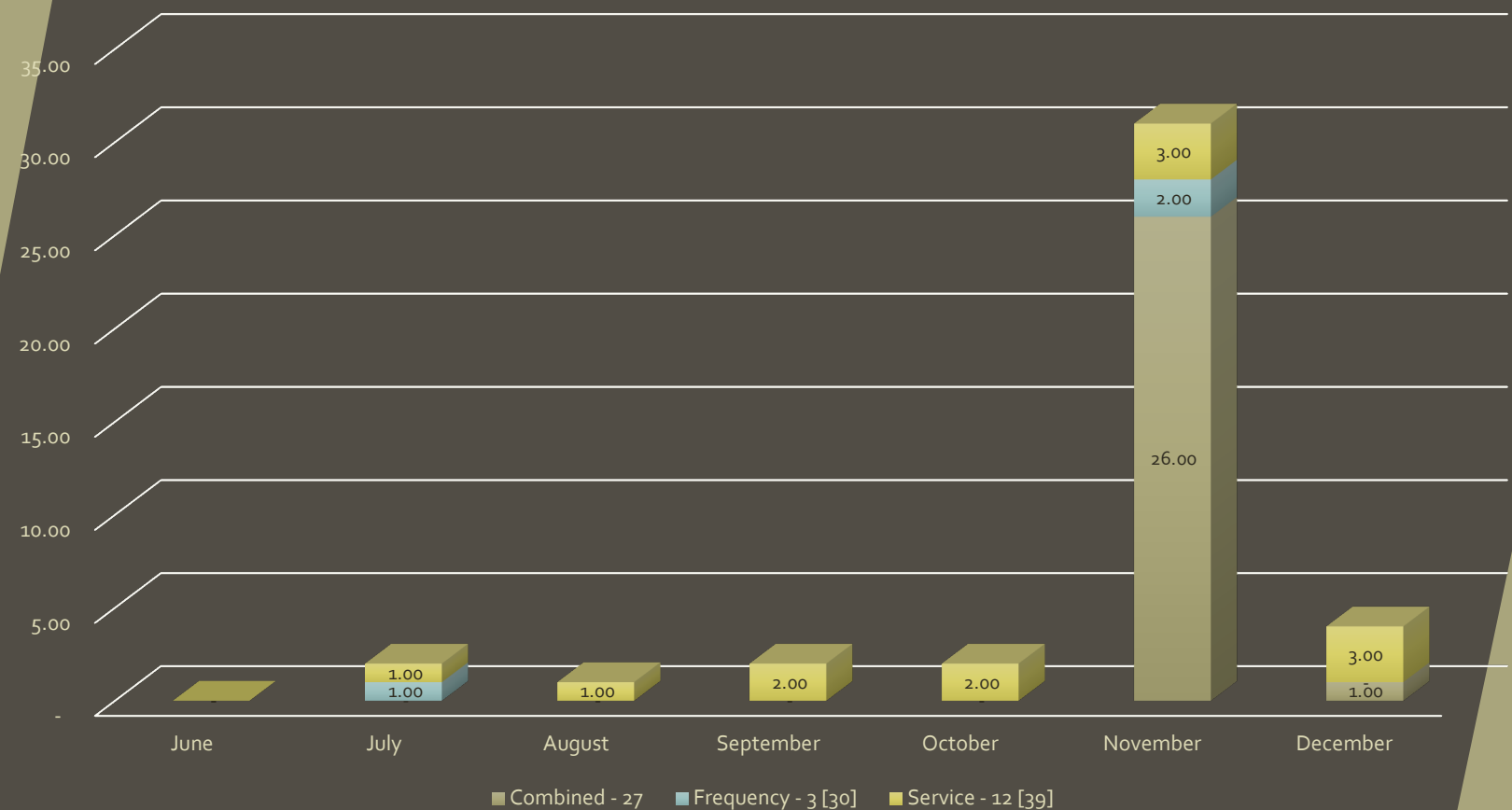
TONNAGE REPORTS



Street Sweeping Resident Inquires/Concerns



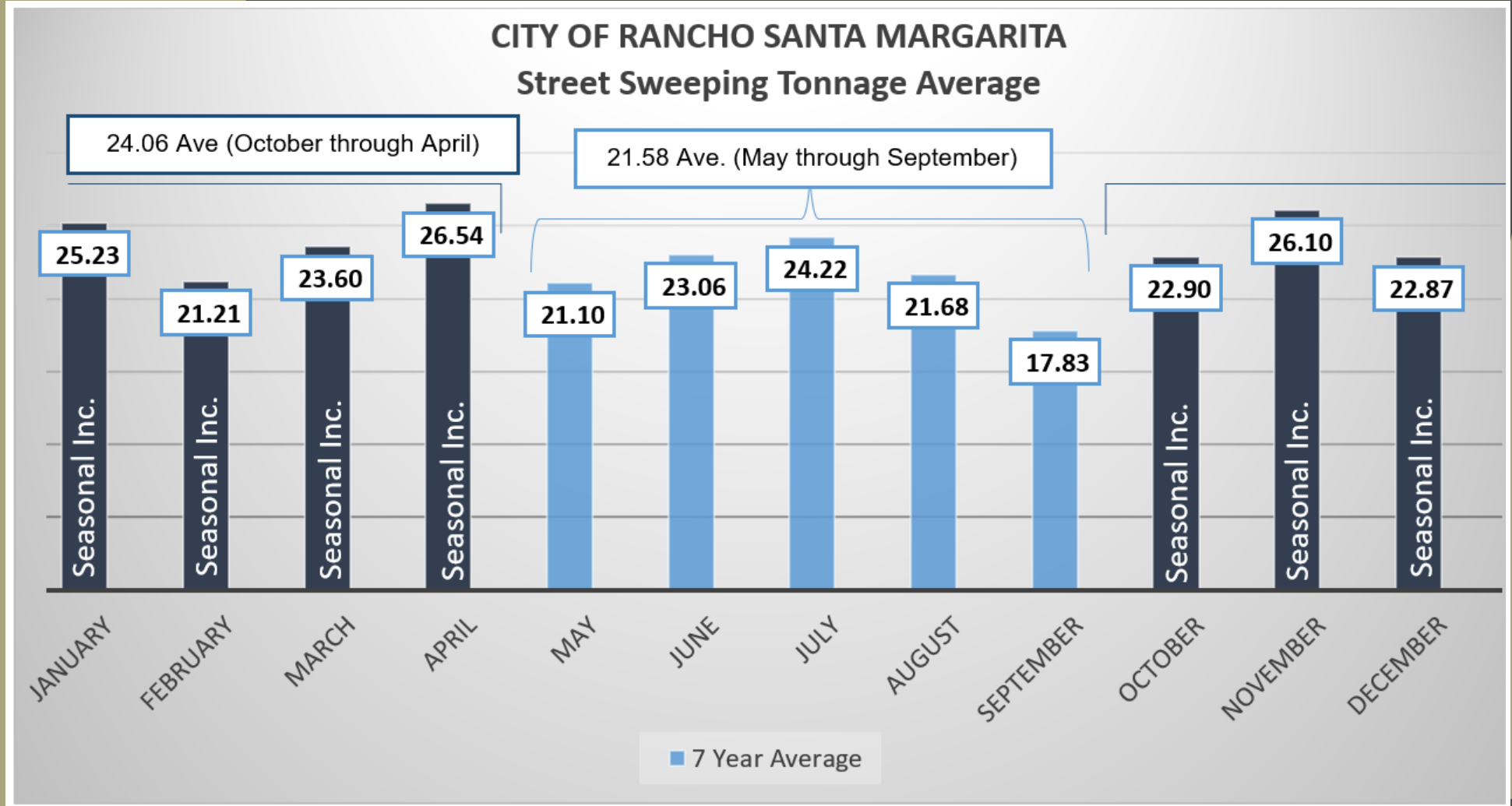
STREET SWEEPING LOG



Seasonal Trends



TONNAGE REPORTS



Options for Regular Residential Street Sweeping



RECOMMENDATION

- Option 1: Keep service levels as-is with service occurring one time per month (1x/mo.).
 - No Additional Funds Needed
- Option 2: Increase service levels seasonally to twice per month (2x/mo.) for reported higher tonnage months; seven months out of the year (October through April).
 - Additional \$14,176.77 for remaining months FY 24-25
 - Additional \$33,079.12 annually
- Option 3: Increase service levels back to twice per month (2x/mo.) year-round.
 - Additional \$56,707.08 annually



Staff to Continue to Monitor

- Continue to monitor and maintain reports on potential priority areas or service issues
- Ensure the implementation of new street sweeping equipment
- Staff will continue to inspect service areas and collect tonnage data



QUESTIONS

CITY OF RANCHO SANTA MARGARITA

Please be aware of when your streets are swept and remove cars on service days.

DO YOUR PART

For every car that is on the street, three car lengths go unswept. Please do your part by moving vehicles on the street sweeping service days.

Your efforts are extremely impactful as we encounter windy weather after the recent fires.