

Annual Report on Illegal Dumping Programs

Oakland Public Works

Oakland Public Works - Illegal Dumping Report

Illegal dumping is a critical issue throughout the City of Oakland (City).

The hardest hit areas are the city's frontline communities.

Significant economic, environmental, health, and safety impacts.



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Majority of the City's illegally dumped materials are removed by the **Illegal Dumping Unit (IDU)** in Oakland Public Works, Keep Oakland Clean and Beautiful Division.

The IDU is divided into **3 types of crews:**

- **Reactive** - Responds to service requests received by Oak311 or the "See Click Fix" application.
- **Proactive Crew (Garbage Blitz)** – Deployed to "hot spots" and major corridors to remove debris before it is reported.
- **Homeless Encampment** - Provide trash and debris for homeless encampment cleanings and closures. Works in coordination with the Encampment Management Team (EMT), led by the City Administrator's Office (CAO).
- The **Reactive** and **Proactive** Crews work in **4 Zones**



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- **Reactive** - Responds to service requests received by Oak311 or the “See Click Fix” application.



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Illegal Dumping Service Requests and Work Orders by Fiscal Year

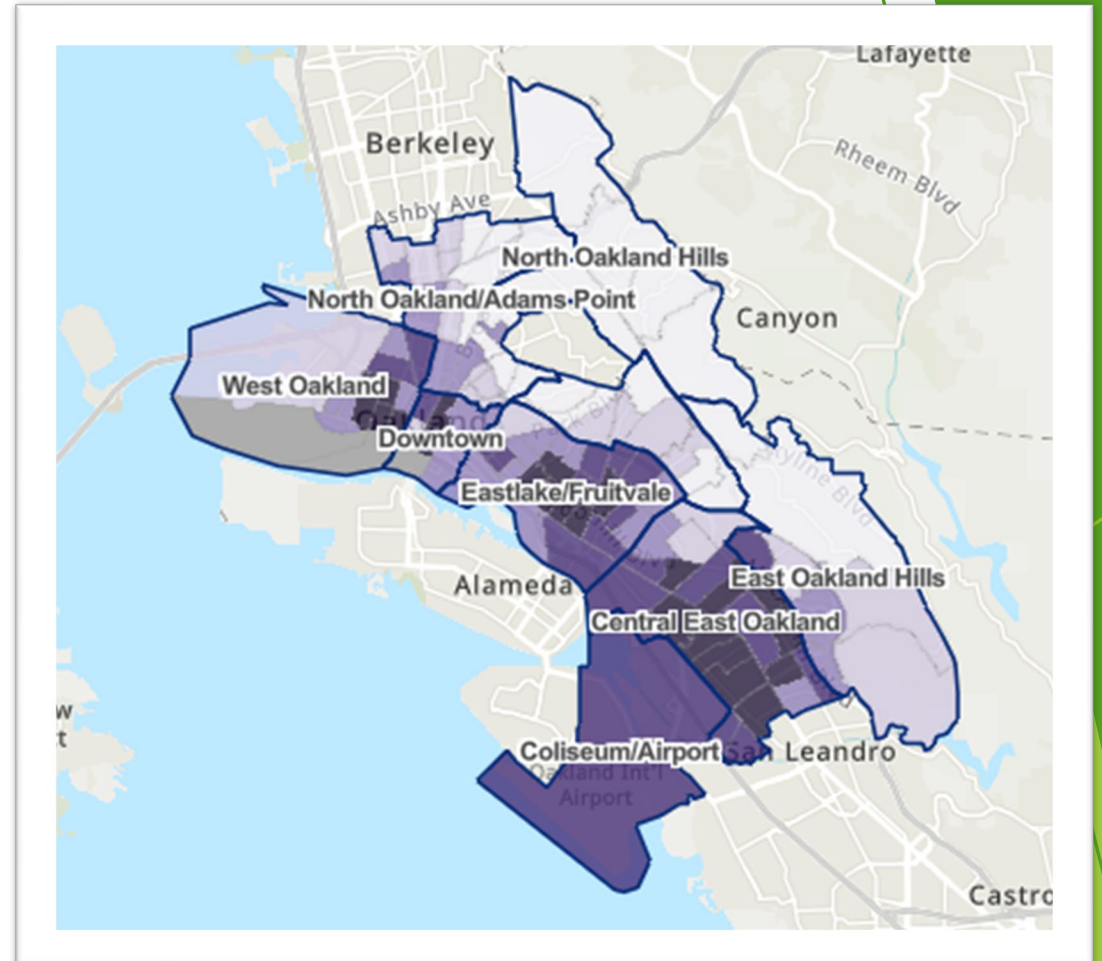
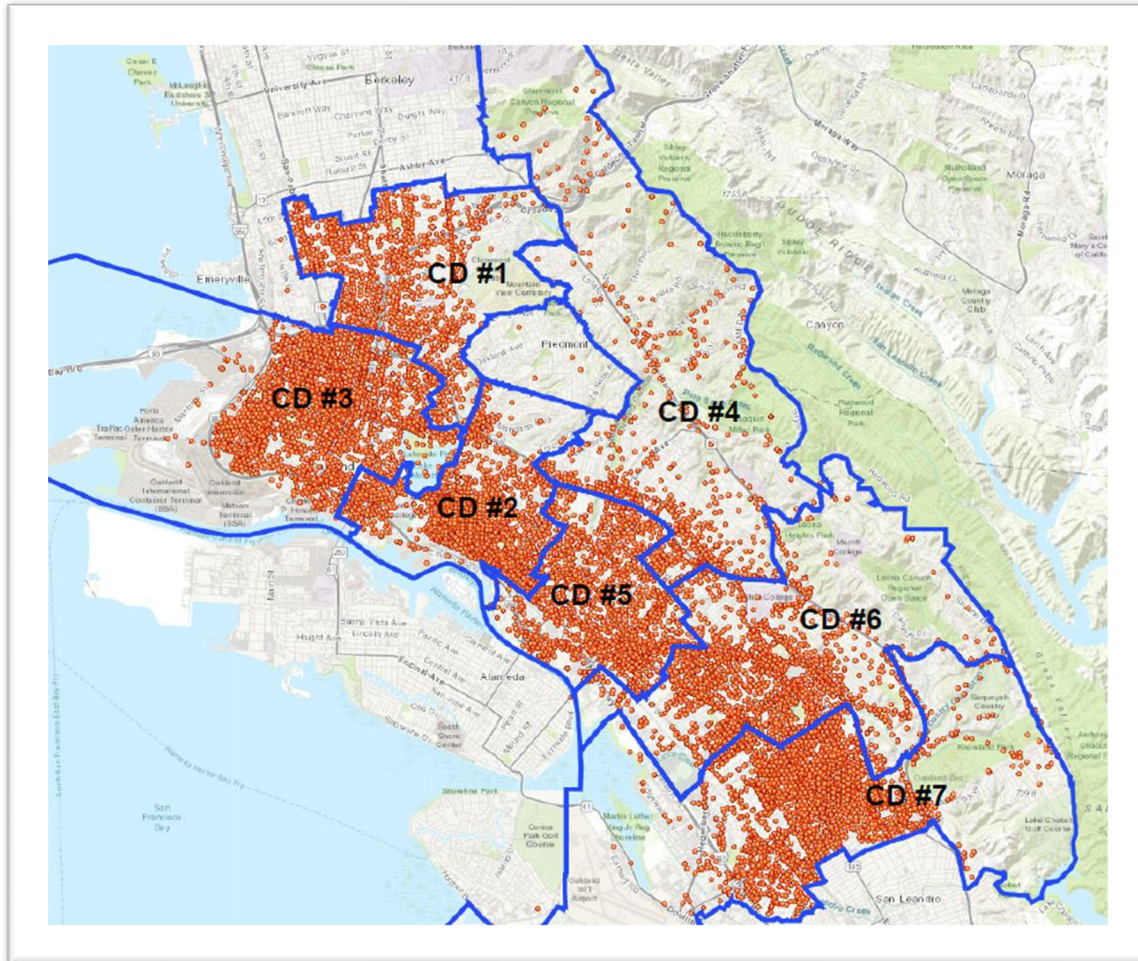
Fiscal Year	Completed Service Requests	Percentage complete within 3 days	Average days to complete Service Request	Total Number of Completed Work Orders*
2021-2022	26,917	85%	2	46,415
2020-2021	35,860	89%	2	54,197
2019-2020	30,736	90%	2	59,218
2018-2019	27,074	92%	1	38,771
2017-2018	26,460	No Data	No Data	31,225
2016-2017	No Data	No Data	No Data	27,392

- KOCB crews complete thousands of illegal dumping service requests and work orders each year.
- Proactive work and encampment cleanings generate Work Orders, therefore there are more total Work Orders per year than Service Requests

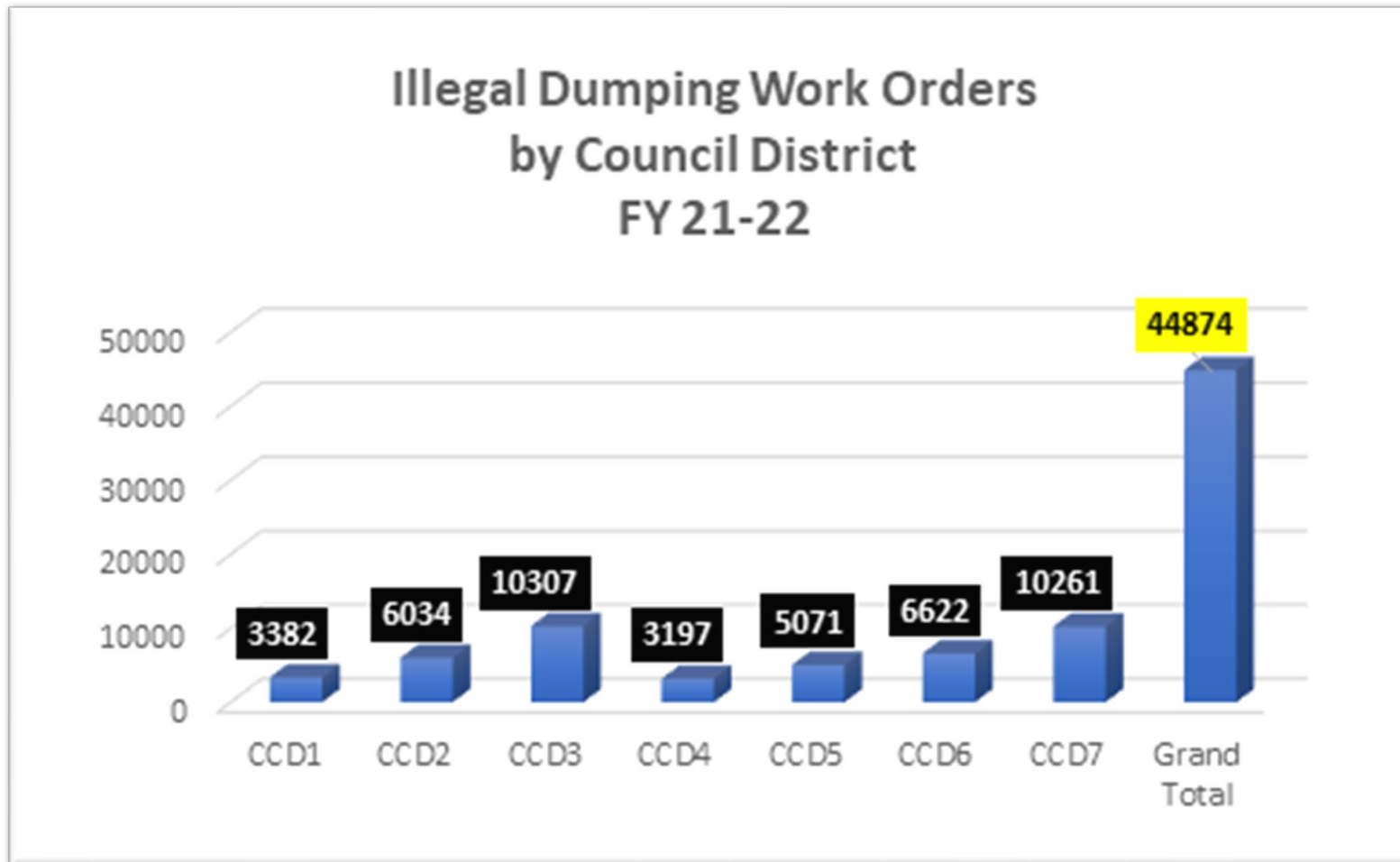
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Illegal Dumping Work Orders FY 2021-2022

Geographic Equity Toolbox Map



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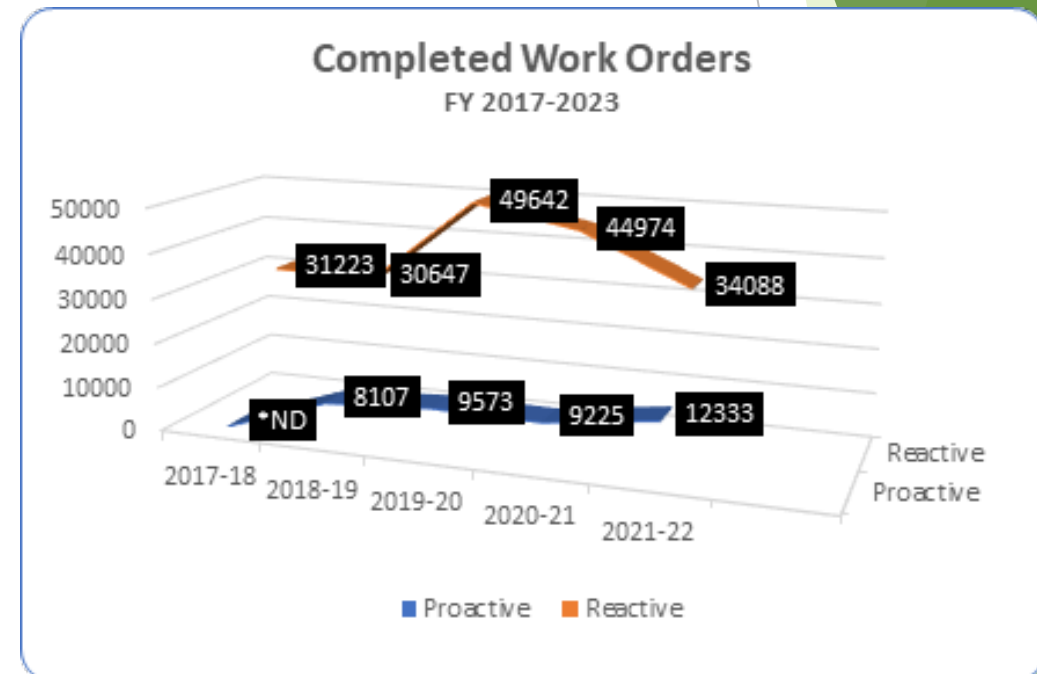
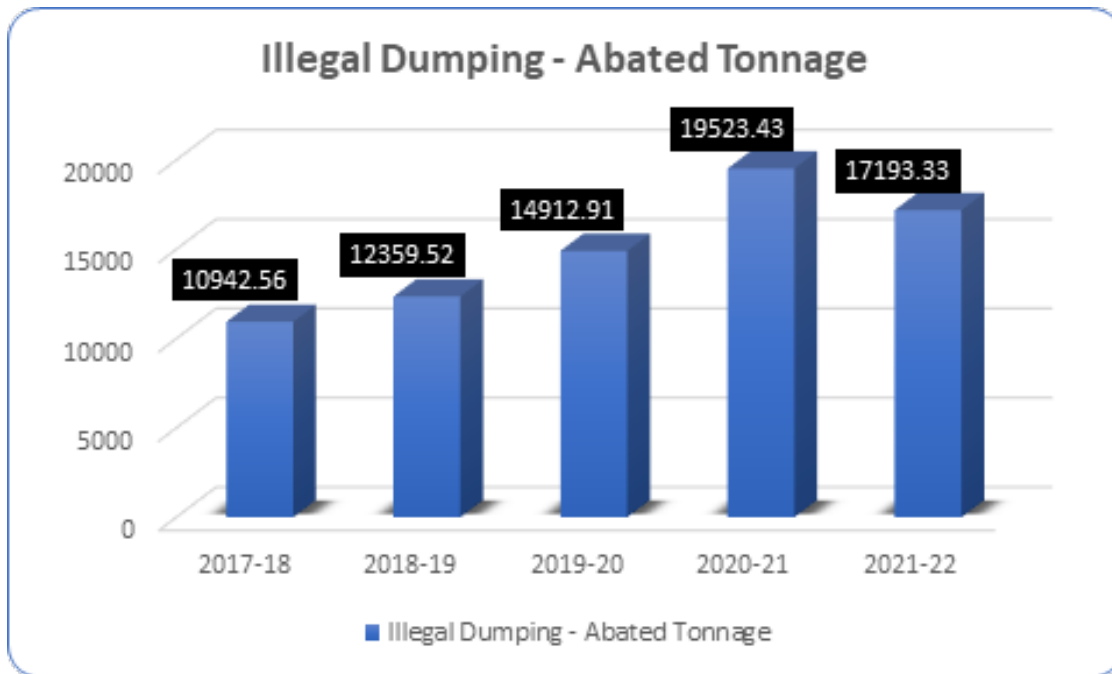
- **Proactive Crew (Garbage Blitz)** – Deployed to “hot spots” and major corridors to remove debris before it is reported.



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Illegal Dumping Volumes

The quantity of illegal dumping removed by crews has increased significantly in the past five years. Work is shifting to proactive crews.



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- **Homeless Encampment** - Provide trash and debris for homeless encampment cleanings and closures. Works in coordination with the Encampment Management Team (EMT), led by the City Administrator's Office (CAO).



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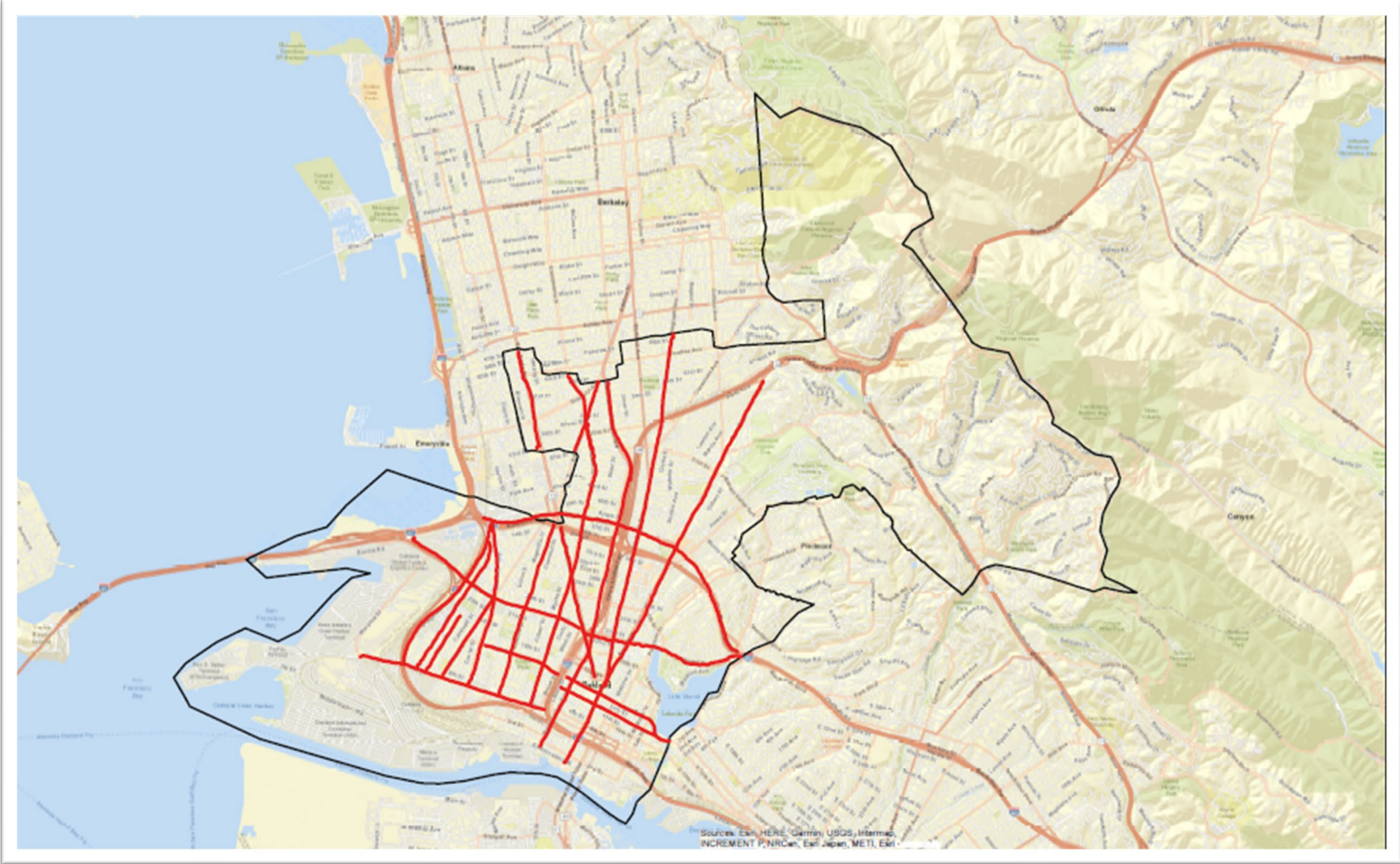
of Encampments Closed in 22-23

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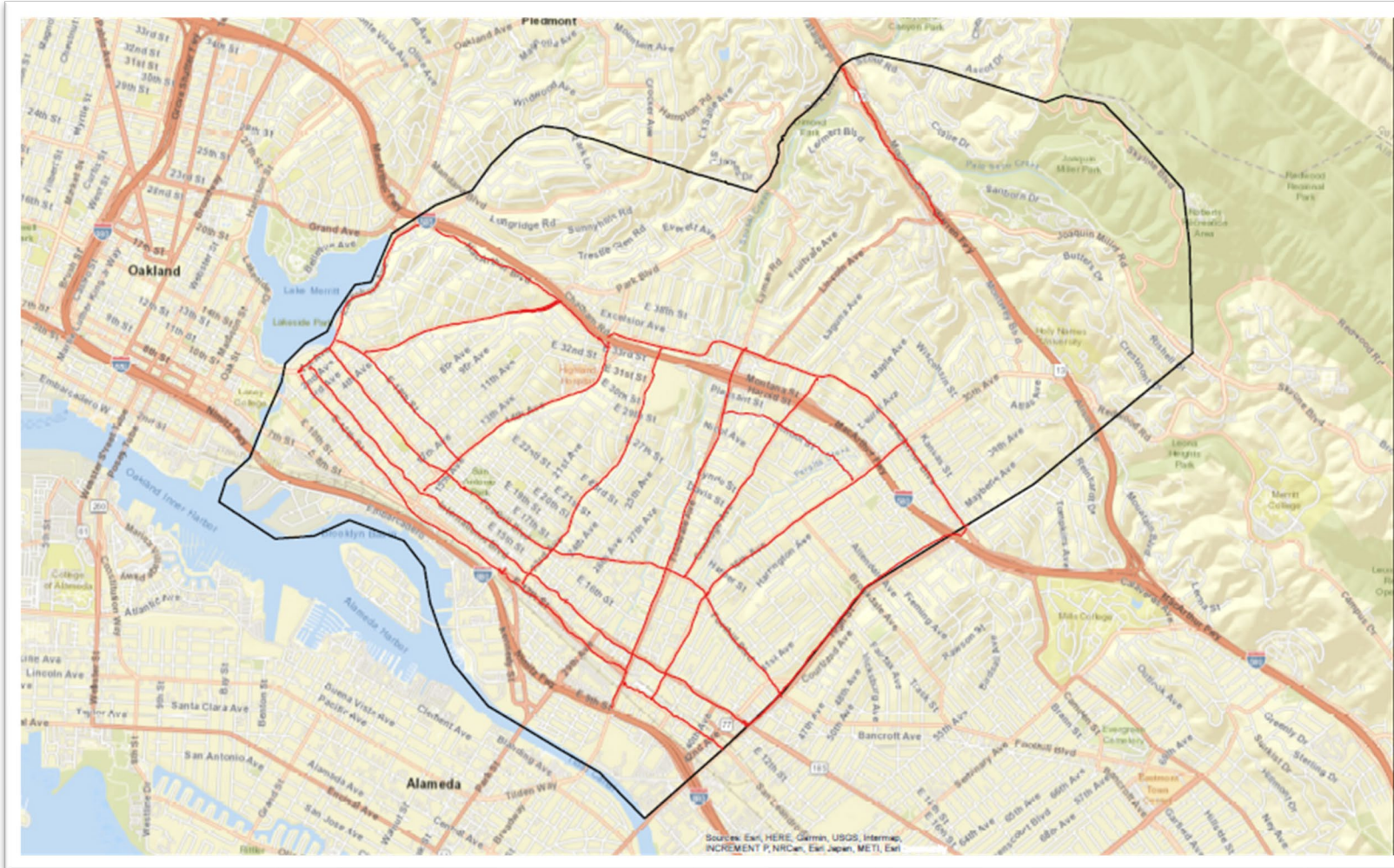
- The **Reactive** and **Proactive** crews work in **4 Zones**
- Proactive crews patrol zone routes 6 days a week – rotating through each zone one at a time.
- Depending on cleanliness of zone, crews may stay in one zone from 2-5 days.



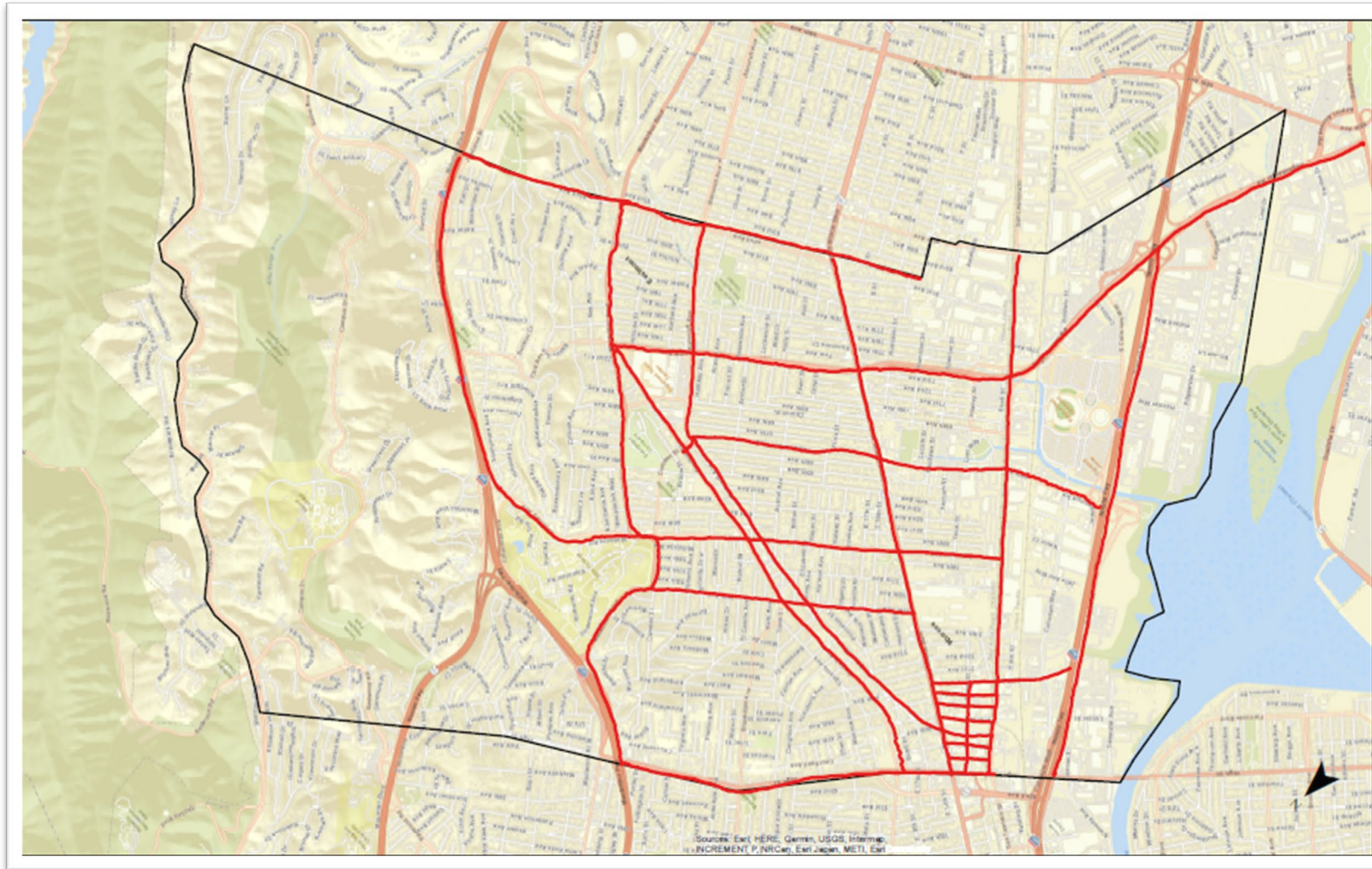
Zone 1: Berkeley Border to Lake Merritt, includes Districts 1 and 3



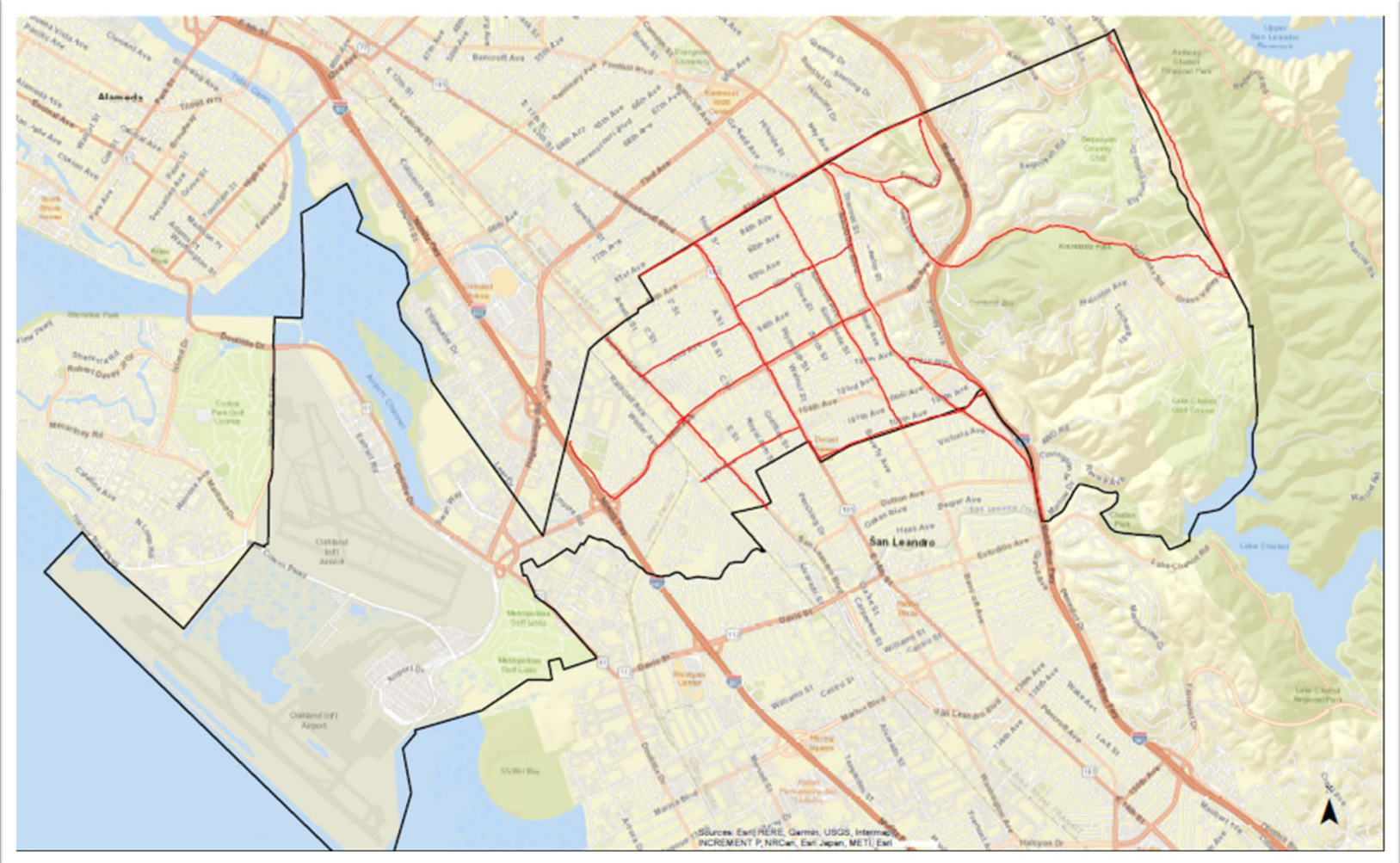
Zone 2: Lake Merritt to High Street, includes Districts 1, 2, 4, and 5



Zone 3: High Street to 82nd Avenue, includes Districts 4, 6, and 7

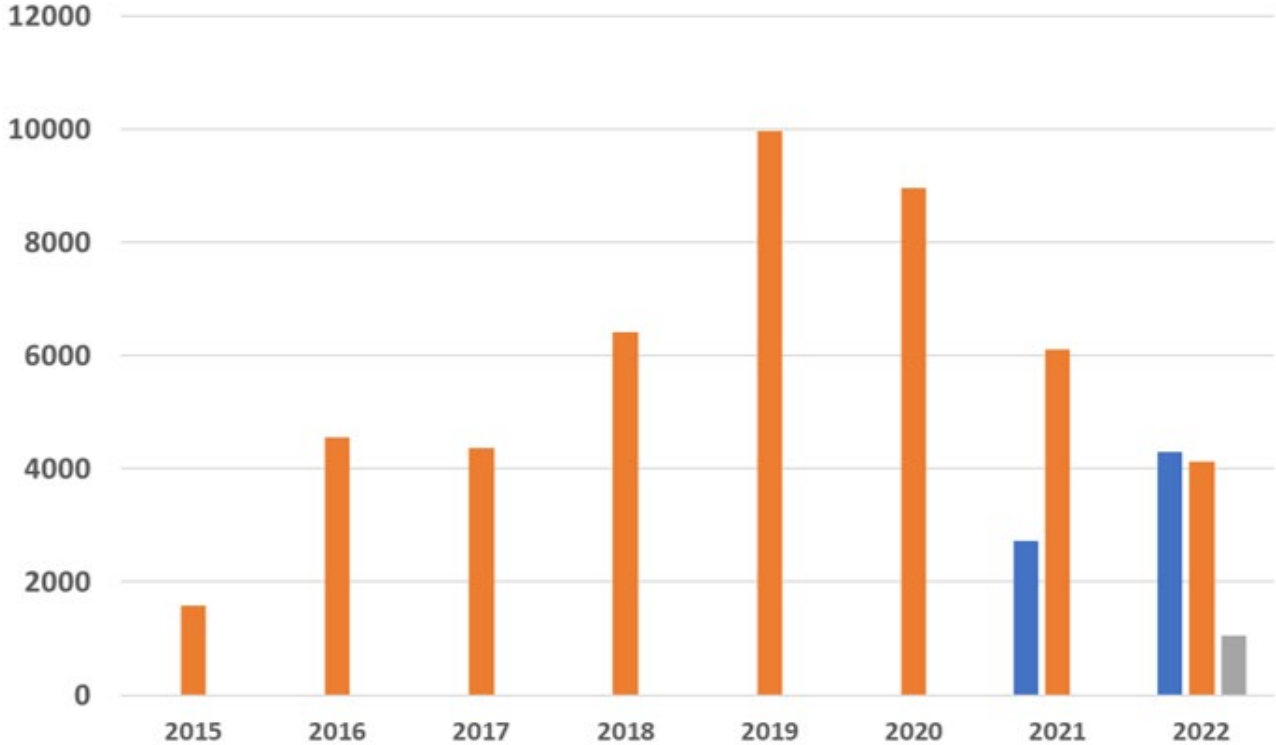


Zone 4: 82nd Avenue to San Leandro Border, includes Districts 4, 6, and 7



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KOCB Tons Hauled by Year and Material



	2015	2016	2017	2018	2019	2020	2021	2022	Grand Total
630_Homeless Encampment Debris - Oakland							2717.63	4300.78	7018.41
OAK-Illegal Dumping	1587.33	4556.02	4359.93	6416.03	9973.3	8966.91	6112.89	4124.07	46096.48
Oak-proactive illegal dumping								1052.5	1052.5
Grand Total	1587.33	4556.02	4359.93	6416.03	9973.3	8966.91	8830.52	9477.35	54167.39

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**ENVIRONMENTAL
ENFORCEMENT
UNIT**

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ENVIRONMENTAL ENFORCEMENT UNIT

- Charged with enforcing illegal dumping restrictions and regulations.
- Initiated in the early 2000's - Disbanded in 2011 - Restarted in March 2019
- Initially included staff of 4 Environmental Enforcement Officers (EEO)
- Now includes 10 budgeted positions:
 - 8 EEOs
 - 1 Administrative Analyst I
 - 1 Clean Community Supervisor
- Patrol 4 Zones of the city and monitor hotspots
- Monitor Illegal Dumping Surveillance Camera footage.
- Issue citations for violations of Oakland Municipal Code (OMC) Section 8.28.



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ENVIRONMENTAL ENFORCEMENT UNIT *continued*

ADMINISTRATIVE CITATION# A002296

ILLEGAL DUMPING/WASTE DISPOSAL VIOLATION

Date of Violation	Location of Violation(s)	Time: <i>PM</i>
12/12/22	2435 Wood St	8:00 PM

Name (First, Middle, Last)/ Name of Business
Andrea Castrey

Address
714 Euclid Ave

City	State	Zip
Berkeley	CA	4708

Vehicle Lic #	Make	Model	Color
85674A1 CA	Ford		GRY

VIOLATION(S)
O.M.C.

- 8.11.310 (A) illegal dumping and littering unlawful
- 8.11.310 (B) hiring unauthorized hauler
- 8.11.310 (C) property owner permitting dumping
- 8.11.510 (A) mattress/ upholstered furniture identification
- 8.28.060 unauthorized waste collection
- 8.28.070 unauthorized waste transport
- 8.28.100 sufficient waste disposal service required
- 8.28.110 insufficient service after 15-day notice
- 8.28.160 litter container abuse

COMMENTS
Reference O.M.C.

- 8.11.520 liability of parent/guardian of minor
- 8.11.530 liability of vehicle/ trailer owner or operator used in illegal dumping
- 8.11.540 creator of debris & dumper jointly liable
- 8.11.550 property owner responsible for tenant's property if illegally dumped

** Vehicle was observed on 12/12/22 on 2435 Wood St. The driver of the vehicle dumped trash out of the bed of the truck.*

** Questions - 510-238-3700*

Citing Officer *KJ* Officer ID# *204*

X Signature *[Signature]* Date *12/11/22*

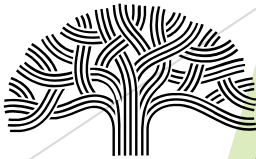
- The Environmental Enforcement Unit has issued more than 1,977 citations for illegal dumping since the program was relaunched in February 2019.
- 69 of those citations have been issued based on data from the Surveillance Camera Program that was launched 11 months ago in February 2022.



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ENVIRONMENTAL ENFORCEMENT UNIT *continued*



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ENVIRONMENTAL ENFORCEMENT UNIT *continued*

- Utilize data provided by the City's solid waste management contractor, Waste Management of Alameda County (WMAC) and other methods, to ensure commercial businesses have the mandatory trash and recycling collection services.
- Monitor instances of unlawful dumping in or near litter containers used by commercial businesses.
- Can register businesses for trash service if they are found to not have it.



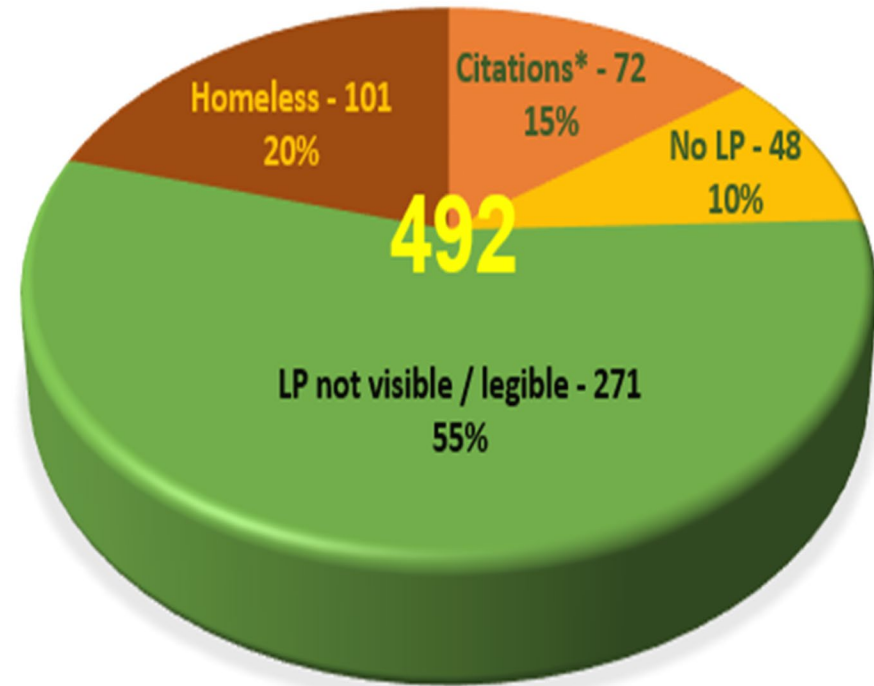
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Illegal Dumping Surveillance Camera Program

- Program launched in March 2022
- Requesting addition of new technologies to increase efficacy of the program



DUMPING CAUGHT ON CAMERA MARCH 2022 - FEBRUARY 2023



*Citation data: Mar 1 – Nov 14, 2022 only

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Parks and Tree Services Division



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Parks and Tree Services Division

- The Parks and Tree Services Division (PTSD) is responsible for **debris removal within City-owned parks, medians, and open spaces**, except for debris removal that is clearly associated with homeless encampments.
- Illegal dumping is removed from parks 7 days a week. More on weekends when the parks are used more heavily by the public.
- **Litter removal now represents 50% of labor hours**, which significantly reduces the time for landscaping and tending to park spaces.
- Parks staff have recently started tracking illegal dumping volumes separately from litter can volumes and will be able to report on these figures in next year's report.



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Education and Partnership



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Stewardship Program (Environmental Services Division)

Leads community-oriented cleaning initiatives:

- Adopt-a-Spot
 - Adopt-a-Drain
 - Martin Luther King Jr. Day of Service in January,
 - Earth Day in April
 - Creek to Bay Day in September
 - Neighborhood Bulky Block Parties
- In 2022 **10,270 community members** contributed **60,426 hours of volunteer time** to cleaning the city, resulting in the removal of **2,765 cubic yards of litter and debris.**
 - Assisted by 3rd party programs:
 - **Lake Merritt Institute** – Cleaning and community engagement around Lake Merritt
 - **Team Oakland** – Youth engagement jobs program to clean and green

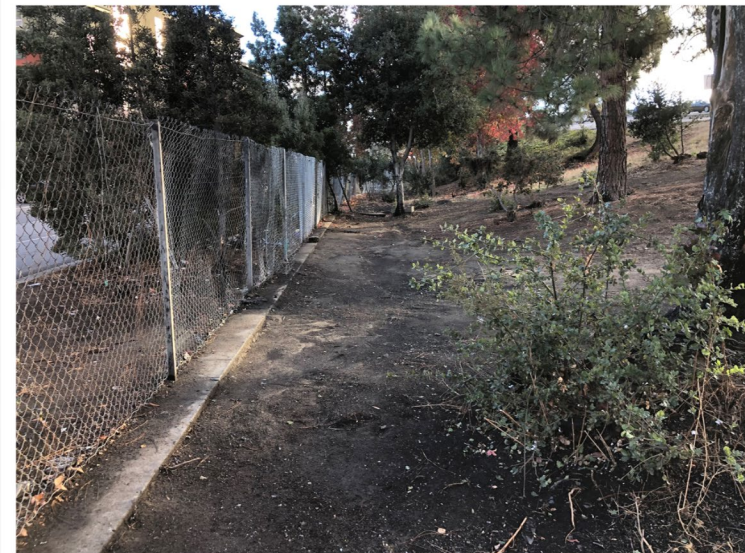


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Partnerships with Non-Profit Organizations

The Beautification Council (BC) – Works with unhoused residents, unemployed, and justice-system involved individuals to micro-clean and sanitize homeless encampments after the City removes the bulk of the debris. Under a grant from CalTrans, the City contracts with BC to remove litter and debris from the State's right of way.

Downtown Streets Team (DST) – Uses a volunteer work experience model where unhoused residents conduct litter and trash removal in exchange for case management, employment services and a basic needs stipend. Routes in four designated areas - East Lake Merritt, Saint Vincent de Paul, International Blvd, and Fruitvale - are maintained weekly by DST.



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Enforcement Of Illegal Construction And Demolition Debris Haulers

- Unscrupulous and illegally operating haulers contribute to the City's illegal dumping problem.
- Enforcement of Construction and Demolition (C&D) debris hauling requirements - building permit holders who hire haulers to transport C&D debris without a City-issued non-exclusive franchise contract can receive Notice of Violation, penalties, and/or fees.
- Recently-adopted amendment to OMC Section 15.34 will increase the number of permitted construction projects that fall under C&D debris recycling and hauling requirements.



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How to Properly Dispose of Bulky Items and Excess Debris



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BULKY DEBRIS SERVICES

Curbside Bulky Pickup

- WMAC provides curbside bulky pickup service - scheduled by appointment - to residents of 1-4 unit single family dwellings (SFD) since 2005, and to residents of 5-plus unit multi-family dwellings (MFD) since July 2015.
- SFD may schedule two appointments per year. Average of 1,965 appointments per month.
- MFDs may schedule one appointment per year. Average of 472 appointments per month.

District	MULTI-FAMILY	SINGLE FAMILY	Total Units Served in 2022
District 1	301	5,955	6,256
District 2	1,267	2,737	4,004
District 3	1,301	1,718	3,019
District 4	1,323	3,780	5,103
District 5	640	3,077	3,717
District 6	487	5,141	5,628
District 7	219	4,225	4,444
District Not Known	363	186	549
Total Units Served in 2022	5,901	26,819	32,720
Percentage Served Out of Total Units Citywide	8.1%	23.7%	17.5%

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BULKY DEBRIS SERVICES

Self-Haul Appointments - Davis Street will accept up to fifty (50) drop-offs per day Monday through Friday and one-hundred (100) on Saturdays. Available by appointment.

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Appointments Available	1450	1400	1550	1550	1500	1500	1550	1550	1500	1550	1500	1600	18200
Scheduled Appointments	334	273	264	275	273	287	362	282	297	330	236	313	3526
Used Appointments	178	115	118	136	134	127	166	115	108	126	106	130	1559
Percentage of Appointments Available Scheduled	23%	20%	17%	18%	18%	19%	23%	18%	20%	21%	16%	20%	19%
Percentage of Appointments Available Used	12%	8%	8%	9%	9%	8%	11%	7%	7%	8%	7%	8%	9%

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BULKY DEBRIS SERVICES

Bulky Block Parties

- Hosted on the last Saturday of each month at the Municipal Service Center on Edgewater Drive.
- Residents are invited to bring large bulky debris items that cannot be disposed of through their normal trash services.

Vehicles Served FY 2021-22	
MONTH	# of Vehicles
JUL	461
AUG	464
SEPT	326
OCT	304
NOV	40
DEC	149
JAN	423
FEB	287
MAR	237
APR	337
MAY	174
JUN	409
Total	3611

Tonnage Totals FY 2021-22	
MONTH	TONS
JUL	No Data
AUG	75.91
SEPT	56.69
OCT	42.8
NOV	21.01
DEC	35.05
JAN	66.56
FEB	60.15
MAR	72.96
APR	86.02
MAY	3.23
JUN	116.08
TOTAL	636.46

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BULKY DEBRIS SERVICES

Neighborhood Bulky Block Parties

- Started in Fall 2022
- Brings the popular *Bulky Block Party* into some of Oakland's neighborhoods most affected by illegal dumping.
- Paired with other strategies and services to empower the community to be stewards and maintain cleaner neighborhoods such as:
 - Neighborhood canvassing to raise awareness of the event and other services
 - Hosting same-day volunteer clean-up supported by KOCB staff and services
 - Installation of illegal dumping camera at neighborhood dumping "hot spot"
 - Community appreciation and recognition event



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Strategies for Improvement

Increasing Enforcement

- On-board all EEU positions
- Explore Opportunities to Partner with Alameda County Sheriff or District Attorney's Office
- Publicize when dumpers caught
- Adding License Plate Reader cameras and satellite camera to improve images of dumpers and increase number of citations issued

Ensuring Businesses Have Adequate Garbage Service –There may be as many as 6,800 businesses that are not signed up for mandatory garbage service.

Examine Opportunities for Upsizing Trash Containers –Disproportionately high-cost large cans lead to contamination of recycling and green carts and dumping.

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Oakland Public Works Illegal Dumping Management Team

Keep Oakland Clean and Beautiful Division

- Illegal Dumping Unit (Reactive, Proactive, & Homeless Encampment teams)
- Street Sweeping
- Environmental Enforcement Unit
- Collaboration with EMT

Parks and Tree Services Division

Environmental Services Division

- Recycling and Solid Waste Unit
- Stewardship Program

<https://www.oaklandca.gov/departments/public-works>