

**Owning Our Air:**  
The West Oakland  
Community Action Plan  
**Volume 2**

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## Appendix A – Technical Support Document

## Appendix B – Community Engagement Materials

### Welcome Letter



West Oakland Environmental Indicators Project



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

June 2018

Welcome and thank you for joining the West Oakland Community Action Plan Steering Committee!

On behalf of the West Oakland Environmental Indicators Project (WOEIP) and the Bay Area Air Quality Management District (Air District), we sincerely appreciate your commitment to help inform the policies and strategies to reduce air pollution in West Oakland. State Assembly Bill 617 (AB 617) provides a new community-focused approach to reduce exposure to criteria air pollutants and toxic air contaminants in communities most impacted by air pollution. As a recognized West Oakland stakeholder, your participation is essential to inform this community-based approach.

This orientation packet contains the following materials to orient steering committee members to the overall AB 617 process and to provide guidance as to what they can expect to accomplish and tackle:

- Orientation Meeting Agenda
- AB 617 Handout
- Steering Committee Partnership Agreement
- Draft Steering Committee Governing Charter (committee to adopt)
- Draft Timeline and Schedule

#### Background on AB617 and Community Air Plans

AB 617 is a State-mandated program that focuses resources through the regional Air District to help better understand, address, and mitigate local air pollution in the State's most disadvantaged communities. West Oakland—which includes the Port of Oakland, Oakland Army Base, East Bay Municipal Utility District's (EBMUD) waste treatment facility, surrounding freeways and various industrial facilities—has been selected as the first community in our Bay Area region to develop an air pollution action plan. The Action Plan can build upon many of the existing studies and community air

monitoring efforts—many of which WOEIP has led—but will require a robust community stakeholder input process to gather input and formulate a collaborative plan of action. The key elements of the Action Plan will need to be completed by early 2019 in preparation for State adoption in October 2019.

**Steering Committee Responsibilities**

Steering committee meetings are planned every two-months for two-hour meetings (time and place to be determined). We ask steering committee members to commit to six meetings in addition to 2-4 community townhall meetings over the course of the year. Members who wish to be further involved may choose to participate in ad-hoc sub-committees or steering committee governance. For all formal meetings, childcare, food and interpretation can be made available. Stipends may be available for folks not paid for attendance as part of their job.

Steering committee members will be responsible for developing the proposed content of the community plan as well as disseminate information and transmit input from your representative sectors as appropriate. Prospective members need to be able and willing to review ongoing plans, studies, reports on air quality, and think critically and strategically to provide input. All educational levels and backgrounds are welcomed and any desired trainings on aspects of this planning process will be made available.

Thank you for your interests and your contributions to the health and vitality of the West Oakland community.

Sincerely,

\_\_\_\_\_  
Ms. Margaret Gordon  
West Oakland Environmental Indicators Project

\_\_\_\_\_  
Brian Beveridge

\_\_\_\_\_  
David Ralston  
Bay Area Air Quality Management District

\_\_\_\_\_  
Yvette DiCarlo

West Oakland Air Quality Action Plan Fact Sheet

### HOW CAN OAKLAND RESIDENTS REDUCE EXPOSURE TO POOR AIR QUALITY?

**PARTICULATE MATTER (PM):**

Very small liquid and solid particles that float in the air. These particles, which come from cars and fireplaces, can penetrate into the lungs and bloodstream and cause serious health problems.

Particulates smaller than 2.5 microns (1/30 the width of human hair) are linked to respiratory diseases, heart attacks, and decreased lung function. Fine PM is projected to increase throughout Oakland and will be even greater in West Oakland.

**PRIMARY PARTICULATE MATTER**  
Created directly from a source into the atmosphere.

Forest fire/burning waste  
 Cars and trucks  
 Upgraded roads/fields  
 Construction/renovation  
 Factories/smokestacks

Particle pollution can affect your health. What causes it?

Factories  
 Cars and Trucks  
 Construction Sites

### LOCAL RESOURCES

**California Air Resources Board (CARB)**  
*Air Pollution Complaints*  
 1-800-952-5588

**Bay Area Air Quality Management District** *Air Pollution Complaints*  
 1-800-334-ODOR (1-800-334-6367)  
*Daily Air Quality & Open Burn Forecasts*  
 1-800-HELP AIR (1-800-435-7247)

**West Oakland Environmental Indicators Project (WOEIP)**  
 (510) 257-5640

### WHO DO I CALL IN CASE OF AN EMERGENCY?

**Alameda County Office of Emergency Services**  
 925.803.7800

**Alameda County Poison Control** 1800.523.2222

**American Red Cross** 510.595.4400

**City of Oakland Fire Dispatch** 510.444.1616

**City of Oakland Police Dispatch** 510.777.3211

**City of Oakland Office of Emergency Services**  
 510.238.3938

**EBMUD** 510.835.3000

**PG&E** 1800.743.5000

**National Response Center (Toxic Spills)** 1800.424.8802

### AB 617: AIR QUALITY MANAGEMENT

**West Oakland's Air Quality Action Plan**

This fact sheet was made possible by the West Oakland Environmental Indicators Project

Summary of Attendance at Steering Committee Meetings

	<b>Meeting Date</b>	<b>Meeting Time</b>	<b>Meeting Location</b>	<b>Number of Participants<sup>1</sup></b>
Kick-off	Friday, July 27, 2018	10:00 AM - 1:00 PM	Oakland City Hall, Hearing Room 3 1 Frank H Ogawa Plaza, Oakland, CA 94612	Approximately 50
1	Wednesday, September 5, 2018	6:00 PM - 8:30 PM	Alameda County Department of Public Health, 5th Floor 1000 Broadway, Oakland, CA 94607	Approximately 50
2	Wednesday, October 3, 2018	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	51
3	Wednesday, November 7, 2018	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	55
4	Wednesday, December 5, 2018	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	54
5	Wednesday, January 9, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	54
6	Wednesday, February 6, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	52
7	Wednesday, March 6, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	66

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<sup>1</sup> Participant counts include steering committee members, Air District and CARB staff, and members of the public.

*Owning Our Air: The West Oakland Community Action Plan*

	<b>Meeting Date</b>	<b>Meeting Time</b>	<b>Meeting Location</b>	<b>Number of Participants<sup>1</sup></b>
8	Monday, March 11, 2019	6:00 PM - 9:00 PM	Alameda County Department of Public Health, 5th Floor 1000 Broadway, Oakland, CA 94607	47
9	Wednesday, April 3, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	51
10	Wednesday, May 1, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	58
11	Wednesday, June 5, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	67
12	Wednesday, June 26, 2019	6:00 PM - 8:30 PM	Alameda County Department of Public Health, 5th Floor 1000 Broadway, Oakland, CA 94607	48
13	Wednesday, July 10, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	48
14	Wednesday, August 7, 2019	6:00 PM - 8:30 PM	West Oakland Senior Center 1724 Adeline Street, Oakland, CA 94607	51
15	Saturday, August 17, 2019 <sup>2</sup>	10 AM to 2 PM	West Oakland Youth Center 3233 Market Street, Oakland, CA	122

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<sup>2</sup> Town Hall open house to introduce the Draft Plan to the community.



Owning Our Air: The West Oakland Community Action Plan

Steering Committee Members

<b>West Oakland Community Action Plan Steering Committee Roster (as of June 27, 2019)</b>			
<b>Primary Name</b>	<b>Alternate Name</b>	<b>Affiliation</b>	<b>Sector</b>
<b>Steering Committee Members</b>			
Aboudi, Bill		AB Trucking	Business
Arreola, Laura	Tharpe, Amy	Port of Oakland	Government
Bullock, JoAnna		Metropolitan Transportation Commission	Government
Chung, Bo		Dellums Institute for Social Justice	Environmental Advocates
Cook, Brigitte		Oakland City Council	Government
Foucre, Renata		West Oakland Neighbors	Neighborhood Association
Grow, Richard		U.S. Environmental Protection Agency	Government
Johnson, Barbara		West Oakland Neighbors	Neighborhood Association
Katz, Andy	Johannesson, Chandra Bonnarens, Maura	East Bay Municipal Utility District	Government
Lee, Anna	Kimi Watkins-Tartt Sandi Galvez Jennifer Lucky	Alameda County Public Health Department	Government
Lowe, Steve		West Oakland Commerce Association	Business
Mac Donald, Karin	Elder, Scott	Prescott Oakland Point Neighborhood Association	Neighborhood Association

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McGowan, Patricia		City of Oakland	Government
Prier, Megan		Urban Biofilters	Environmental Advocates
Rodriguez, Mercedes S.		BayPorte Village Neighborhood Watch	Neighborhood Association
Scodel, Anna*	Davis, Monique*	California Air Resources Board	Government
Uennatornwarangoon, Fern	Zayas, Gabriela Harris, Maria	Environmental Defense Fund	Environmental Advocates
Zambrano, Carlos		New Voices Are Rising	Youth
<b>Co-Leads</b>			
Ms. Margaret Gordon		West Oakland Environmental Indicators Project	Environmental Advocates
Brian Beveridge		West Oakland Environmental Indicators Project	Environmental Advocates
Elizabeth Yura		Bay Area Air Quality Management District	Government
Yvette DiCarlo		Bay Area Air Quality Management District	Government
<b>Consultant Team</b>			
Anuja Mendiratta		Philanthropic + Nonprofit Consulting	Consultant
Marybelle Nzegwu Tobias		Environmental Justice Solutions	Consultant
Mey F. Saechao		Project Management Consultant	Consultant

\* CARB staff will participate on the committee with a non-voting observer status.

## Appendix C – Steering Committee Charter and Participation Agreement

### WEST OAKLAND COMMUNITY AIR ACTION PLAN STEERING COMMITTEE CHARTER AND PARTICIPATION AGREEMENT

Amended August 29, 2018

#### **1. Mission Statement**

Assembly Bill 617 (Garcia, C., Chapter 136, Statutes of 2017) is a State-mandated program that uses a community-based approach to reduce local air pollution in communities around the State that continue to experience disproportionate impacts from air pollution. West Oakland— which includes the Port of Oakland, Oakland Army Base, East Bay Municipal Utility District’s (EBMUD) waste treatment facility, surrounding freeways and various industrial facilities—is the region’s initial focus under the AB 617 program to develop an action plan to reduce air pollution and exposure in the West Oakland community.

The steering committee will be responsible for advising the development of the community plan as well as disseminate information and transmit input from your representative sectors as appropriate. The key elements of the West Oakland Community Air Action Plan (Plan) will need to be completed by early 2019 in preparation for State adoption in October 2019.

#### **2. Committee Objectives**

The West Oakland Community Air Action Plan Steering Committee is a special committee that will serve for the designated purpose outlined in the mission statement. Committee objectives include identifying the West Oakland community boundary, identifying areas of concern for air pollution sources and sensitive receptor sites, reviewing existing plans, studies and reports on air quality to provide strategic input towards Plan development. Committee objectives also include disseminating and soliciting information with community stakeholders for which the committee members represent. The goal is for the Plan to be adopted by the Bay Area Air Quality Management District Board by October 2019. Upon adoption of the Plan, the steering committee may elect to continue to meet quarterly to support and provide guidance on implementation, and develop progress reports.

### **3. Membership**

#### *Criteria for Community Steering Committee Membership*

To ensure the Plan focuses on the impacts to people and businesses within the defined study area, steering committee membership is limited to residents or businesses with street addresses within the West Oakland study area. Additional members may include city/county officials, land use planning agencies, transportation agencies and local health departments. Interested stakeholders, and larger representation groups such as regional associations, are encouraged to participate as non-voting members at all open meetings.

The official roster will contain one primary name for each affiliation to be represented on the committee. One alternate name can substitute for the primary member if the primary member is unable to attend a meeting. However, only one member from each affiliation will be allowed to deliberate at meetings to reach consensus. The committee meetings are open to the public and additional members may be added to the roster if agreed upon by the West Oakland Environmental Indicators Project and the Bay Area Air Quality Management District who will serve as co-leads of the Steering Committee.

### **4. Roles and Responsibilities**

#### *Community Steering Committee Members*

Steering committee members will be responsible for assisting Air District and WOEIP staff in identifying all air pollution issues and sources of air pollution in the West Oakland community and the development of the West Oakland Community Air Action Plan. Committee members may be asked to review local community plans, health impact studies, and air quality data to assist in developing the Plan. Committee members will help develop emission reduction goals or targets that will be used to evaluate the success of the Plan in reducing emissions and exposure.

Steering committee members are expected to attend a minimum of ten committee meetings (in their entirety) and to participate in 2-4 community townhall meetings throughout the course of the year prior to the Plan adoption.

Steering Committee members who participate in this process are expected to sign the West Oakland Air Action Plan Committee Participation Agreement (Page 5 of this Charter) which outlines the expected conduct of all Steering Committee members.

#### *Co-leads*

The West Oakland Environmental Indicators Projects and Bay Area Air Quality Management District serve as partnering co-leads for the development of the West Oakland Community Steering Committee. As co-leads, they will be responsible for providing necessary background materials for committee members, developing meeting

agendas, coordination with the meeting facilitator and establishing and maintaining a community website for Steering Committee activities. Co-leads will also be responsible for providing technical support and other relevant technical assessment information to the Committee.

*Facilitator*

A professional and impartial facilitator will be used for moderating the steering committee meetings and for helping the committee reach consensus on issues.

**5. Standard Committee Meeting Procedures**

*Deliberation and Consensus*

A professional and impartial facilitator(s) will be employed to support the steering committee in the overall organization, order and focus of the meeting, resolve conflicts and help reach consensus to ensure the goals and objectives of this charter are met. Achieving full consensus of the steering committee may not always be possible. In the event of an impasse, the co-leads shall be the final decision-makers, carefully weighing the consequences of any decision where there is a lack of consensus. If the co-leads cannot agree, then the action in question will not proceed. Community Steering Committee members who do not agree with a majority consensus on a decision may submit a minority position statement.

*Member Participation*

Only one member from each affiliation may participate as part of the steering committee deliberative process in any individual meeting. If the primary member is unable to attend, the designated alternate on the steering committee roster may attend in their absence and deliberate on the primary member's behalf.

If a primary member or their alternate is not able to attend a scheduled meeting, they may submit written comments for consideration on relevant agenda topics to the Committee chair or the co-leads prior to the scheduled meeting. Written communications may inform, but not substitute, for being physically present during deliberations of the committee. If a primary member or their alternate has not attended three consecutive steering committee meetings, their membership may be revoked as determined by the co-leads.

*Open Meetings*

All meetings are open to the general public and will provide a formal opportunity for members of the public to provide their perspective on the development of the Plan. Stakeholder input is welcome and encouraged.

Meeting Schedule and Agendas

Steering committee members are expected to attend monthly meetings. Upon consensus agreement of the committee, meeting schedules may be adjusted with adequate advance notice. Agenda topics will be developed by the co-leads and will include the time, date, duration, location and topics to be discussed. Individual committee members may request relevant items be added to an agenda at least one week prior to the schedule meeting.

Subcommittees

Members who wish to be further involved may choose to participate in ad-hoc subcommittees such as technical assessment, community surveys and outreach or other relevant topics. Subcommittees would meet every other month between full steering committee meetings and will report back their findings and/or recommendations at the next full steering committee.

**6. Accessibility/Accommodation**

The steering committee meetings and other outreach events associated with the committee must be held at facilities that can accommodate members covered by the Americans with Disabilities Act. Language interpretation services will be provided as needed with a minimum 48-hour advance request.

**7. Dissemination of Materials**

Any materials, presentations, documents, correspondence or other written communications generated or disseminated by the committee, or on behalf of the committee or its members, must be approved by the co-leads prior to release. All final correspondence will include the logos of West Oakland Environmental Indicators Project and Bay Area Air Quality Management District.

**8. Website**

A website will be developed and maintained by the co-leads to provide information to the community on the Steering Committee actions and development of the Plan.

## Participation Agreement

By signing below, I agree to abide by all conditions of the West Oakland Community Air Action Plan Steering Committee Charter. I also agree to the following principles, goals and expected conduct to demonstrate how agencies, communities and other stakeholders working in concert can achieve meaningful improvements in public health for the West Oakland community:

- Adopt and support the principles of ensuring healthy air in West Oakland:
  - Our goal is to remedy persistent air pollution problems and excessive local health risk exposures to people who live, work and play in and around West Oakland. We are committed to working collectively and cooperatively with all stakeholders within the community—local residents, businesses and organizations, youth groups, schools, local, regional and State governments, health agencies and faith-based organizations—to ensure all represented parties are heard and can agree on an outcome that protects public health.
- Provide strategic guidance, vision, and oversight including:
  - Informing the development of the West Oakland Community Air Action Plan
  - Using data to inform strategy development analysis
  - Tracking progress of the work using agreed-upon indicators at Steering Committee and subcommittee levels
  - Identifying fair, effective and feasible goals to bring about reduced health risk in West Oakland.
- Provide leadership and accountability by:
  - Identifying obstacles to achieving the goal and develop solutions to overcome them. Considering how my own organization or those in my network can align to the common goals and principles of the Steering Committee
  - Serving as a vocal champion of the collective impact effort in the community
  - To work towards consensus while recognizing that not everyone will agree on every issue and to resolve conflicts in a positive, swift and constructive manner.
- Play an active role by:
  - Participating in-person at the regularly scheduled meetings
  - Reviewing pre-read materials prior to meetings and coming prepared for engaged discussion, active listening, and respectful dialogue
  - Committing to monthly Steering Committee meetings and a few hours of preparation in between. Attending occasional community town hall meetings to share the work of the Steering Committee.

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

## Appendix D – Strategies and Implementation Background

### GOVERNMENT COLLABORATION

This Plan requires collaboration among government agencies. This section of Appendix D describes agencies and their recent planning activities. As noted in Chapter 1, the Steering Committee reviewed past and ongoing planning efforts while creating this Plan, and the Plan builds on these existing efforts. Past plans seek to bring jobs, retail, and services to the community; to address blighted properties and incompatible land uses; to improve transit, bike, and pedestrian access; to increase mixed-use development; to preserve the existing housing stock; to increase the supply of affordable housing; and to reduce the community's exposure to diesel PM and other air pollutants.

#### Air District

The Air District is the regional agency responsible for assuring clean air in the nine counties that surround the San Francisco Bay (except in northeastern Solano and northern Sonoma counties). The Air District writes and implements air quality plans, adopts and enforces regulations to control air pollution from stationary sources, offers incentives to government, businesses, and individuals to voluntarily reduce air pollution, engages with communities and provides technical and policy guidance regarding air quality, and manages the Spare the Air program.

The Air District's current air quality management plan is the 2017 Clean Air Plan: Spare the Air, Cool the Climate. The Plan provides a regional strategy to protect public health and protect the climate. To protect public health, the plan describes how the Air District will continue our progress toward attaining all state and federal air quality standards and eliminating health risk disparities from exposure to air pollution among Bay Area communities. To protect the climate, the plan defines a vision for transitioning the region to a post-carbon economy needed to achieve ambitious greenhouse gas (GHG) reduction targets for 2030 and 2050, and provides a regional climate protection strategy that will put the Bay Area on a pathway to achieve those GHG reduction targets.

The 2017 Plan includes a wide range of control measures designed to decrease emissions of the air pollutants that are most harmful to Bay Area residents, such as particulate matter, ozone, and toxic air contaminants; to reduce emissions of methane and other "super-GHGs" that are potent climate pollutants in the near-term; and to decrease emissions of carbon dioxide by reducing fossil fuel combustion.

#### City of Oakland

The City of Oakland is the local agency responsible for land-use and transportation decisions. The City Council makes land-use decisions by adopting general and specific plans, zoning regulations, and certifying environmental reports for land-use projects, such as housing, commercial, and industrial developments. The West Oakland Specific Plan is an example of a land-use plan that the City has adopted. The West Oakland Truck Management Plan is an example of a measure required by an environmental report on a land-use development project



and an example of City transportation authority. For the Plan, the City of Oakland will implement strategies that address air pollution impacts from land use and transportation.

The City and Port of Oakland approved the [West Oakland Truck Management Plan](#) in April 2019. The goal of the Plan is to reduce the effects of transport trucks on local streets in West Oakland. The Plan reflects extensive outreach and input from the West Oakland residential and business community. In the Plan, the City and Port commit to ten strategies. The strategies commit to improving safety at street intersections near the Port; updating truck routes, truck prohibited streets, truck parking regulations and signage; conducting targeted traffic enforcement spot-checks and parking enforcement; improved training for issuing parking tickets; and considering increasing truck parking fines.

The [West Oakland Specific Plan](#) (2014) seeks to build on the existing vitality, cultural and social diversity, industry and transportation assets in West Oakland, while creating a community with clean industries, living-wage jobs, successful small businesses, mixed-use transit-oriented development and mixed-income housing, where environmental quality and community health are improved. Developed in partnership by the City, affected property owners, and adjacent business and residential communities, the Plan is a tool for developing commercial and industrial enterprises in West Oakland.

#### Metropolitan Transportation Commission (MTC)

The Metropolitan Transportation Commission (MTC) is the regional agency responsible for transportation planning, financing, and coordinating for the nine-county San Francisco Bay Area. The San Francisco Bay Area Goods Movement Plan and MTC Resolution No. 4244: Goods Movement Investment Strategy are examples of MTC's effort to plan, finance, and coordinate transportation in the Bay Area. For the Plan, MTC will help implement Strategies that address air pollution from mobile sources such as heavy-duty trucks and light-duty vehicles that travel through West Oakland and on the surrounding roadways and freeways, and air pollution from Port and Port tenant goods movement activities, for example through electric vehicle charging infrastructure, and improved bicycling and pedestrian infrastructure.

In 2016, MTC adopted the [San Francisco Bay Area Goods Movement Plan](#). In 2018, the Commission passed [MTC Resolution No. 4244: Goods Movement Investment Strategy](#). The Strategy addresses the Plan's freight movement impacts in communities like West Oakland. By adopting the Strategy, MTC made a commitment to work with the Air District, the Alameda County Transportation Commission, the Port of Oakland, and public health and environmental groups to reduce the impacts of pollution on communities from freight activities. The Strategy includes a list of potential projects to protect communities from air pollution.

The Strategy will direct \$3.8 billion over 10 years to 20 different projects in the Bay Area, with a strong focus on Interstate Corridors and the Port of Oakland in Alameda County. Approximately \$1.2 billion of this investment will be directed to Rail Strategy projects and \$350 million will be directed to Community Protection projects which will reduce emissions from equipment,

facilities, and vehicles in communities that are heavily impacted by goods movement activities such as West Oakland. Over 50% of the funds will come from state and regional sources while the remaining funds will come from federal, local, and other sources. In the near term, it is probable that financial support for the Community Protection projects will come from SB 1 – Trade Corridors funds and will come from future bridge toll increases in later years (Regional Measure 3).

#### Port of Oakland

The Port of Oakland is the local agency responsible for managing the Oakland Seaport, Oakland International Airport, and Jack London Square. Under the Charter of the City of Oakland (the “Charter”), the Board of Port Commissioners (the “Port Board”) is the legislative body of the City having complete and exclusive power and duty to control the Port Area, as defined in the Charter, and has the power and duty to adopt and enforce general rules and regulation necessary for port purposes and harbor development and in carrying out the powers of the Port. To carry out its powers and duties, the Port Board has the “complete and exclusive powers” with respect to the Port Area, including, among other things, the power to sue and defend; to take charge of and control all waterfront properties, including certain tidelands in the Port Area granted to the City in trust by the State of California; to acquire and hold property rights, leases, easements and personal property; to enter into contracts; and to exercise the right of eminent domain. The Port Area includes all the waterfront properties and lands adjacent thereto, including trust lands granted to the City by the State of California. The Port is not a typical public agency. As an enterprise department of the City of Oakland, the Port of Oakland does not collect tax revenues for itself, but instead must generate revenue to be self-supporting.

In 2009, the Port of Oakland adopted the Maritime Air Quality Improvement Plan (MAQIP) to guide their response to community concerns over existing exposure to pollution and proposed development at the Port, rule-making by CARB to control emissions from marine vessels, drayage trucks and other port-based engines, and the publication of a health risk assessment of the West Oakland area by CARB and Air District showing very high cancer risk levels due to exposure to diesel PM.

The MAQIP committed the Port and its tenants to an 85% reduction in diesel PM emissions by 2020. In 2018, the Port reconvened the Task Force to update the MAQIP and to identify issues for seaport air quality planning beyond the Year 2020.<sup>3</sup> This work resulted in the adoption of the [Seaport Air Quality 2020 and Beyond Plan](#) in 2019.

The Seaport Air Quality 2020 and Beyond Plan is an example of the Port’s effort to manage operations and air pollution from the Port. The Port of Oakland’s Board directed Port staff to submit an Agenda Report to the Board by June 1, 2020, on Port-related strategies and/or

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<sup>3</sup> Port of Oakland, “Project Statement: Maritime Air Quality Improvement Plan: 2018 Update and Planning for ‘2020 and Beyond’,” February 21, 2018

implementing actions that are legally required or that, in the Port's judgment, may meet the 2020 and Beyond Plan feasibility criteria (Table D-2), as a result of the final West Oakland Community Air Action Plan prepared pursuant to AB 617 and any potential related updates to the 2020 and Beyond Plan. For the Plan, the Port will implement strategies that address air pollution from Port and Port tenant activities, such as the movement of inbound and outbound freight on cargo equipment, port trucks, locomotives, and ocean-going ships and harbor craft in the San Francisco Bay. The goals of the Plan are to keep the Port competitive, financially sustainable, and a source of jobs and economic development; minimize air pollution from Port activities; build partnerships among Port, tenants, government agencies, community organizers, and other stakeholders; and provide meaningful stakeholder engagement. The Plan commits to deploying certain levels of zero-emission trucks, cargo handling equipment, and other equipment by certain deadlines. In response to advocacy by community members, the Air District and others, the Port Commissioners adopted the 2020 and Beyond Plan in 2019 with the condition that the Port would review and incorporate applicable measures from this Community Action Plan.

#### [Alameda County Public Health Department](#)

The Alameda County Public Health Department is the county department responsible for providing public health services. The Health Department delivers services such as access to quality medical care services, disease prevention education and control, community education and outreach, and health policy development. The Healthy Development Guidelines is an example of the policy work that the Public Health Department delivers. For the Plan, the Public Health Department will implement strategies such as those that help the community access health services and educate the community about health risks, treatment, and prevention.

The Healthy Development Guidelines (2018), developed in collaboration with the City of Oakland and East Oakland Building Healthy Communities, is a reference tool of current and potential policies in the City of Oakland. The policies address a broad range of health and equity-related issues, including preventing human exposure to air pollution.

#### [California Air Resources Board \(CARB\)](#)

CARB is the state agency responsible for controlling emissions from mobile sources and consumer products (except where federal law preempts CARB's authority), controlling toxic emissions from mobile and stationary sources, controlling greenhouse gases from mobile and stationary sources, developing fuel specifications, and coordinating State-level air quality planning strategies with other agencies. CARB is also responsible for establishing the state's air quality standards to protect human health.

AB 617 directs CARB to work with local air districts in California to address the disproportionate air quality and health challenges in communities like West Oakland. For the Plan, CARB will adopt and enforce regulations for mobile sources such as heavy-duty trucks and light-duty vehicles that travel through West Oakland and on the surrounding roadways and freeways, and

sources at the Port of Oakland, such as cargo equipment, port trucks, locomotives, and ocean-going ships and harbor craft in the San Francisco Bay.

CARB staff develop, and the CARB board considers and adopts, regulatory programs designed to reduce emissions to protect public health, achieve air quality standards, reduce greenhouse gas emissions, and reduce exposure to toxic air contaminants. CARB establishes regulatory requirements for cleaner technologies (both zero and near-zero emissions) and their deployment into the fleet, for cleaner fuels, and to ensure in-use performance. CARB's regulatory programs are broad, impacting mobile sources and multiple points within product supply chains from manufacturers to distributors, retailers, and end-users. CARB's regulations affect cars, trucks, ships, off-road equipment, consumer products, fuels, and stationary sources.

One of CARB's important and relevant regulatory authorities is to adopt measures to reduce emissions of toxic air contaminants from mobile sources, known as Airborne Toxic Control Measures (ATCM).<sup>4</sup> These regulatory measures include emissions limits, process requirements, and/or specify low emission technology. Much of the progress to-date in improving air quality in West Oakland is due to compliance with CARB's existing diesel PM ATCMs and new engine standards. CARB is proposing a suite of amendments to existing ATCMs and adoption of new programs to further reduce emissions of diesel PM. CARB's schedule for their programs dealing with many of the main sources of diesel PM emissions in West Oakland is shown in Figure D-1.

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<sup>4</sup> California Health and Safety Code § 39650 et seq.

## New CARB freight actions (1<sup>st</sup> Board hearing dates shown)

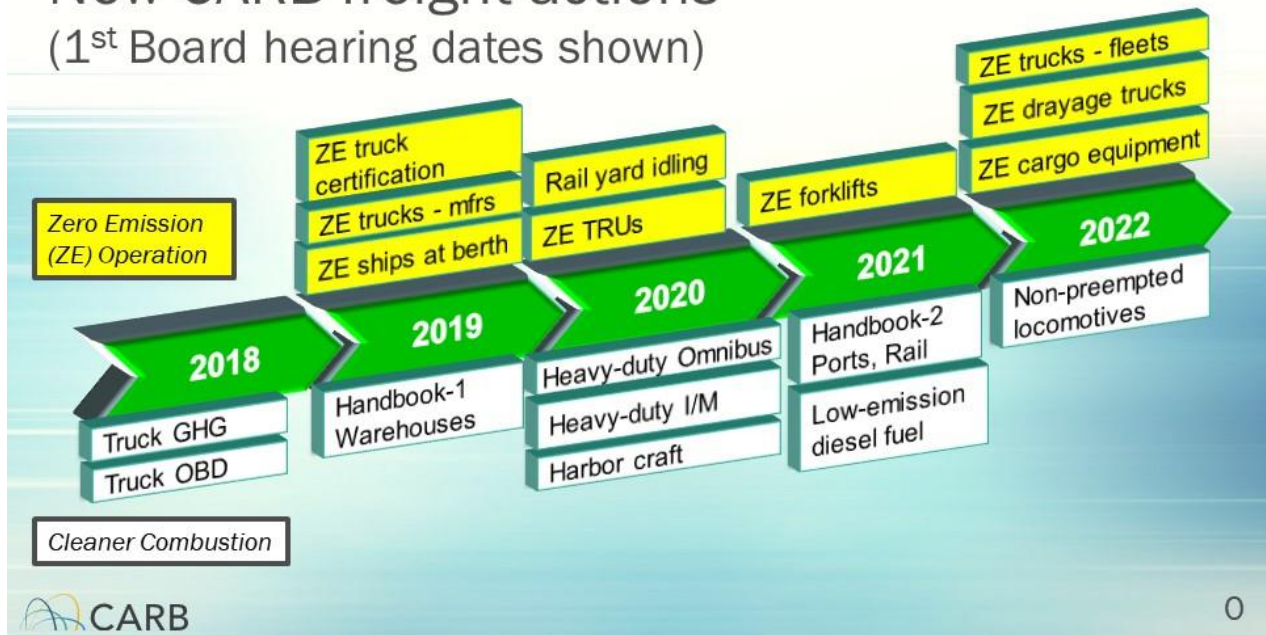


Figure D-1. CARB Freight Actions Benefiting West Oakland. Presented to the BAAQMD Board of Directors on May 1, 2019.

Additionally, CARB has pursued agreements with industry that result in voluntary adoption of the cleanest technologies or practices and provide assurance that emissions reductions will be realized. CARB’s agreement with the Union Pacific Railroad Company and BNSF Railway Company to accelerate introduction of cleaner locomotives in the South Coast Air Basin is an example of such a voluntary agreement.

Most of the CARB Strategies included in the Plan will require CARB to consider and to adopt new or amended regulations. Prior to starting formal regulatory proceeding, CARB staff will be undertaking studies of some of these Strategies. For instance, given the community concerns with truck idling, CARB will work with the West Oakland community and the Steering Committee to collect data to better understand idling activity. CARB, with technical assistance from the Air District, will integrate the community-level activity data with updated emissions data to evaluate whether the current idling regulations provide adequate health protection. As shown in Figure D-1 above, CARB will consider regulations requiring zero-emission drayage trucks and cargo-handling equipment in 2022. It is unclear at this time if the regulations will begin requiring phase-in of the zero-emission equipment and trucks prior to 2025.

### Alameda County Transportation Commission

The Alameda County Transportation Commission is the county agency responsible for managing the county’s one-cent transportation sales tax funds and funding transportation projects and programs. The Alameda CTC is responsible for delivering the County’s bicycle, pedestrian, highway improvements, road, and transit projects. For the Plan, the Alameda CTC will

implement transportation-related Plan Strategies, including those that advocate for improved bicycling and pedestrian infrastructure in West Oakland.

California Department of Transportation (Caltrans)

The California Department of Transportation (Caltrans) is the state agency responsible for maintaining and improving state highways and transportation projects. For the Plan, Caltrans will implement Plan Strategies such as studies to determine the feasibility of vegetative biofilters between the Prescott neighborhood and Interstate 880 and work with WOEIP and the Air District to address air quality issues from truck parking leases on Caltrans right-of-way.

INCENTIVE FUNDING

Listed below are brief descriptions of current ongoing funding opportunities. Figure D-2 presents a matrix of air quality incentive funding programs and the types of projects the program will fund. Table D-1 presents a sample of emissions reduction projects that will reduce emissions in West Oakland. The Air District is funding these projects through existing incentive programs.

**Air District administered incentive programs**

**Carl Moyer Program** - The Bay Area Air Quality Management District (Air District) has participated in the Carl Moyer Program (CMP), in cooperation with the CARB, since the program began in fiscal year 1998-1999. The CMP provides grants to public and private entities to reduce emissions of oxides of nitrogen (NOx), reactive organic gases (ROG) and particulate matter (PM) from existing heavy-duty engines by either replacing or retrofitting them. Eligible heavy-duty diesel engine applications include on-road trucks and buses, off-road equipment, marine vessels, locomotives, and stationary agricultural pump engines.

[www.baaqmd.gov/moyer](http://www.baaqmd.gov/moyer)

Assembly Bill 923 (AB 923 - Firebaugh), enacted in 2004 (codified as Health and Safety Code (HSC) Section 44225), authorized local air districts to increase their motor vehicle registration surcharge up to an additional \$2 per vehicle. The revenues from the additional \$2 surcharge are deposited in the Air District’s Mobile Source Incentive Fund (MSIF). AB 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the CMP.

**Community Health Protection Grant Program** - In 2017, Assembly Bill (AB) 617 directed CARB, in conjunction with local air districts to establish the Community Air Protection Program. AB 617 provides a new community-focused action framework to improve air quality and reduce exposure to criteria air pollutants and toxic air contaminants in communities most impacted by air pollution. In advance of the development of the Community Air Protection Program, the Governor and legislature established an early action component to AB 617 to use existing incentive programs to get immediate emission reductions in the communities most affected by air pollution. AB 134 appropriated \$250 million from the Greenhouse Gas Reduction Fund

(GGRF) to reduce mobile source emissions including criteria pollutants, toxic air contaminants, and greenhouse gases in those communities. The Bay Area has been allocated \$50 million of these funds for emission reduction projects. These funds will be used to implement projects under the CMP, and optionally on-road truck replacements under the Proposition 1B Goods Movement Emission Reduction Program.

In 2018, Senate Bill (SB) 856 appropriated an additional \$245 million in incentives to reduce emissions from both mobile and stationary sources. The Air District will receive about \$40 million of these funds for Bay Area projects. Mobile sources will follow the Carl Moyer Program and Proposition 1B Goods Movement Emission Reduction Program guidelines like Program Year 1. Funding will also be available for stationary source projects as defined by CARB Community Air Protection Grant Program guidelines and other programs/projects consistent with the actions identified in the applicable AB 617 community emission reduction program.

[www.baaqmd.gov/ab617grants](http://www.baaqmd.gov/ab617grants)

**Transportation Fund for Clean Air** - In 1991, the California State Legislature authorized the Air District to impose a \$4 surcharge on motor vehicles registered within the nine-county Bay Area to fund projects that reduce on-road motor vehicle emissions within the Air District's jurisdiction. The statutory authority for the Transportation Fund for Clean Air (TFCA) and requirements of the program are set forth in the HSC Sections 44241 and 44242. Sixty percent of TFCA funds are awarded by the Air District to eligible projects and programs implemented directly by the Air District (e.g., Spare the Air, electric vehicle charging station program) and to a program referred to as the TFCA Regional Fund. Each year, the Board allocates funding and adopts policies and evaluation criteria that govern the expenditure of TFCA funding. The primary Air District administered incentive programs include:

- Trip reduction projects - [www.baaqmd.gov/PTR](http://www.baaqmd.gov/PTR)
- Public electric vehicle charging stations - [www.baaqmd.gov/charge](http://www.baaqmd.gov/charge)
- Light & Medium Duty zero-emission vehicles - [www.baaqmd.gov/cleanfleets](http://www.baaqmd.gov/cleanfleets)
- Electronic bicycle lockers – [www.baaqmd.gov/funding-and-incentives/public-agencies/bike-racks-and-lockers](http://www.baaqmd.gov/funding-and-incentives/public-agencies/bike-racks-and-lockers)
- Bikeways, roads, lanes, paths – [www.baaqmd.gov/bikeways](http://www.baaqmd.gov/bikeways)

**VW Environmental Mitigation Trust** - CARB has been designated as Lead Agency to act on the State's behalf in implementing California's allocation of the VW Environmental Mitigation Trust (VW Trust). On May 25, 2018, the ARB approved the Beneficiary Mitigation Plan (Plan) which, through the VW Trust, will provide about \$423 million for projects in California to mitigate the excess nitrogen oxide (NOx) emissions caused by VW's use of illegal defeat devices in certain diesel vehicles. The VW Trust funding will provide funding opportunities for settlement specified eligible actions that are focused mostly on "scrap and replace" projects for the heavy-duty sector, including on-road freight trucks, transit and shuttle buses, school buses, forklifts and port cargo-handling equipment, commercial marine vessels, and freight switcher

locomotives. CARB staff estimates the Plan’s funding actions in aggregate will reduce about 10,000 tons of NOx statewide over a 10-year period. <https://ww2.arb.ca.gov/our-work/programs/volkswagen-environmental-mitigation-trust-california>

**Climate Tech Finance** - The Air District’s Climate Tech Finance program offers subsidized financing and technical guidance to spur the adoption of emerging technologies that reduce greenhouse gas emissions. The Air District also provides engineering evaluation and technical assistance to borrowers to evaluate proposed projects. This program is being offered through a partnership with the California Infrastructure and Economic Development Bank (IBank). [www.baaqmd.gov/ctf](http://www.baaqmd.gov/ctf)

### Other incentive programs

**U.S. EPA Diesel Emission Reduction Act** - The United States Environmental Protection Agency (U.S. EPA) Clean Diesel Program provides support for projects that protect human health and improve air quality by reducing harmful emissions from diesel engines. This program includes grants and rebates funded under the Diesel Emissions Reduction Act (DERA). Funding is typically available annually on a competitive basis. The Air District has successfully implemented several DERA grants over the past decade. <https://www.epa.gov/cleandiesel/clean-diesel-national-grants>

**CARB Low Carbon Transportation Program** - The Low Carbon Transportation Program is part of California Climate Investments, a statewide program that puts billions of Cap-and-Trade dollars to work reducing GHG emissions, strengthening the economy, and improving public health and the environment—particularly in disadvantaged communities. CARB’s Low Carbon Transportation Program is designed to accelerate the transition to advanced technology low carbon freight and passenger transportation with a priority on providing health and economic benefits to California’s most disadvantaged communities. These investments support the state’s climate change, air quality, ZEV deployment, and petroleum reduction goals. <https://www.arb.ca.gov/msprog/aqip/fundplan/fundplan.htm>

**CARB Clean Vehicle Rebate Project** - The Clean Vehicle Rebate Project (CVRP) promotes clean vehicle adoption in California by offering rebates of up to \$7,000 for the purchase or lease of new, eligible zero-emission vehicles, including electric, plug-in hybrid electric and fuel cell vehicles. The Center for Sustainable Energy (CSE) administers CVRP throughout the state for CARB. <https://cleanvehiclerebate.org/eng>

**CARB Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)** - The Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP) and Low NOx Engine Incentives was formed by CARB as a result of the Air Quality Improvement Program (AQIP) following the passing of the California Alternative and Renewable Fuel, Vehicle Technology, Clean Air, and Carbon Reduction Act of 2007 (AB 118, Statutes of 2007, Chapter 750). AQIP



offers funding for projects and initiatives focused on supporting the development and deployment of the advanced technologies needed to meet California’s longer-term, post-2020 air quality goals. The fuel efficiency and zero- to low-emission benefits of zero-emission, hybrid, and natural gas vehicle technologies provide a strong public health benefit by reducing harmful greenhouse gas (GHG) and criteria emissions. <https://www.californiahvip.org/>

Equipment / Project Type →	Heavy-duty vehicles (trucks, buses, school buses, shuttles)	Light-duty/ passenger vehicles	Trip reduction program	Transportation programs/ projects	Marine vessels	Locomotives	Agriculture equipment	Industrial/ Port/ Cargo handling equipment	Construction equipment	Portable engines	Supporting Infrastructure (charging/fueling)	Bikeways, roads, lanes, paths, lockers	Stationary sources	Fireplaces and wood stoves
<b>Carl Moyer Program (CMP)</b>	•				•	•	•	•	•	•	•			
<b>Community Health Protection Grant Program</b>	•				•	•	•	•	•	•	•		•	
<b>Transportation Fund for Clean Air</b>	•	•	•	•							•	•		
<b>Volkswagen (VW) Settlement Funds</b>	•				•	•		•	•		•			
<b>Clean cars for all</b>		•												
<b>Vehicle buyback program (VBB)</b>		•												
<b>FARMER Program</b>	•						•							
<b>Woodsmoke rebate program</b>														•
<b>Climate Tech Finance</b>													•	
<b>CARB Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)</b>	•													
<b>CARB Clean Vehicle Rebate Project (CVRP)</b>		•												
<b>CARB Low Carbon Transportation Program</b>	•				•	•	•	•	•		•			
<b>CA Energy Commission (CEC) funding opportunities</b>	•										•			
<b>CA State Transportation Agency</b>	•					•					•			
<b>U.S. Environmental Protection Agency's (EPA) Diesel Emissions Reduction Act (DERA) Program</b>	•				•	•	•	•	•		•			
<b>Federal Highway Administration's (FHWA) Congestion Mitigation and Air Quality Program (CMAQ)</b>			•									•		
<b>Federal Transit Authority (FTA)</b>	•													
<b>Pacific Gas &amp; Electric (PG&amp;E) Funds</b>										•				
<b>Air District administered funding sources</b>	•													
<b>Non-Air District funding sources</b>	•													

Figure D-2. Incentive Programs

Table D-1: A sample of upcoming emissions reduction projects

Project	Grantee Name	Incentive Funds Awarded	Grantee Contribution	Total Project Cost	PM2.5 Emissions Reduced (tpy)
One switcher locomotive	Oakland Global Rail Enterprise	\$1,080,500	\$1,139,500	\$2,220,000	0.040
Two main engines in a tugboat (Sandra Hugh)	Amnav Maritime Corporation	\$743,000	\$743,656	\$ 1,486,656	1.130
Two main engines in a tugboat (Revolution)	Amnav Maritime Corporation	\$743,000	\$743,656	\$ 1,486,656	1.130
Two auxiliary engines in a tugboat (Sandra Hugh)	Amnav Maritime Corporation	\$134,000	\$16,068	\$150,068	0.019
Two auxiliary engines in a tugboat (Revolution)	Amnav Maritime Corporation	\$134,000	\$16,068	\$150,068	0.019
13 hybrid cranes	SSA Terminals	\$5,011,500	\$885,183	\$ 5,896,683	0.166
On-road	Alameda-Contra Costa Transit District	\$1,011,000	\$5,464,000	\$ 6,475,000	0.002
Two main and two auxiliary engines in a tugboat (Z-3)	Harley Marine Services, Inc. Vessel: Z-Three	\$1,613,500	\$186,943	\$1,800,443	0.364
Two main and two auxiliary engines in a tugboat (Z-5)	Harley Marine Services, Inc. Vessel Z-Four	\$1,613,500	\$186,943	\$1,800,443	0.364
Two main and two auxiliary engines in a tugboat	Harley Marine Services, Inc. Vessel Z-Five	\$1,613,500	\$186,943	\$1,800,443	0.364
<b>Totals</b>		<b>\$13,697,500</b>	<b>\$9,568,960</b>	<b>\$23,266,460</b>	<b>3.598</b>

## Appendix E – Enforcement Support Document

### LIST OF PERMITTED FACILITIES IN WEST OAKLAND

Name	Address	City	Zip Code	Permit Type	Source Type
AAA San Pablo Fuel Inc.	3420 San Pablo Avenue	Oakland	94608	Air District	Gas Station
Acorn Restoration	2914 Poplar Street	Oakland	94608	Air District	Paint Operation
Alameda County Public Works Agency	3455 Ettie Street	Oakland	94608	Air District	Emergency Generator
Amber Flooring Inc	3441 Louise Street	Oakland	94608	Air District	Paint Operation
Amtrak	120 Magnolia Street	Oakland	94607	Air District	Emergency Generator
Aramark Uniform Services	330 Chestnut Street	Oakland	94607	Air District	Boiler
Bart Gas & Food	1395 7th Street	Oakland	94607	Air District	Gas Station
Berkeley Millwork & Furniture Co	2279 Poplar Street	Oakland	94607	Air District	Paint Operation
Berkeley Repertory Theatre	2526 Wood Street	Oakland	94607	Air District	Paint Operation
BNSF Intermodal	333 Maritime Street	Oakland	94607	Air District	Gas Station
BNSF Railway Co	333 Maritime Street	Oakland	94607	Air District	Emergency Generator
Bolero Co	2905 Union Street	Oakland	94608	Air District	Auto Body
California Cereal Products Inc	1267 14th Street	Oakland	94607	Air District	Food Processing
California Finest Body & Frame	1415 18th Street	Oakland	94607	Air District	Auto Body
California Hotel	3501 San Pablo Avenue	Oakland	94608	Air District	Emergency Generator
California Waste Solutions - Wood Street	3300 Wood Street	Oakland	94607	Air District	Recycling Plant
California Waste Solutions-10St Street	1820 10th Street	Oakland	94607	Air District	Recycling Plant
Caltrans	200 Burma Road	Oakland	94607	Air District	Emergency Generator
Caltrans - East Bay Yard	Burma Road	Oakland	94608	Air District	Gas Station
CalTrans SFOBB Maintenance Complex	200 Burma Road	Oakland	94607	Air District	Gas Station
CASS Inc	2730 Peralta Street	Oakland	94607	Air District	Metal Facility
Cathedral Gardens Oakland	638 21st Street	Oakland	94612	Air District	Emergency Generator
Central Concrete Supply A U S Concrete Company	2400 Peralta Street	Oakland	94607	Air District	Cement Plant
Chevron SS #9-4800	1700 Castro Street	Oakland	94612	Air District	Gas Station
City of Oakland Envr Scvs Division	1605 Martin Luther King Jr Way	Oakland	94612	Air District	Emergency Generator
City of Oakland Envr Scvs Division	14th & Mandela Way	Oakland	94607	Air District	Emergency Generator
City of Oakland Fire Station 1	1605 Martin Luther King Way	Oakland	94612	Air District	Gas Station
Clear Channel Outdoor	2857 Hannah Street	Oakland	94608	Air District	Gas Station
Clear Channel Outdoor	2865 Hannah Street	Oakland	94608	Air District	Paint Operation
Color Folio Design	1467 Park Avenue	Emeryville	94608	Air District	Paint Operation
ConGlobal Industries	555A Maritime Street	Oakland	94607	Air District	Auto Body

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Name	Address	City	Zip Code	Permit Type	Source Type
Continental Auto Body	1355 Park Ave	Emeryville	94608	Air District	Auto Body
Coolport LLC	575 Maritime Street	Oakland	94607	Air District	Emergency Generator
Custom Wood Finishing	2311 Adeline Street	Oakland	94607	Air District	Emergency Generator
Department of Transportation	Toll Operations Bldg, SF-Oakland Bay Bridge	Oakland	94608	Air District	Emergency Generator
Digital 720 2nd LLC	720 2nd Street	Oakland	94607	Air District	Emergency Generator
Dynergy Oakland LLC	50 Martin Luther King Jr Way	Oakland	94607	Title V	Power Plant
East Bay Municipal Utility District	1100 21st Street	Oakland	94607	Air District	Emergency Generator
East Bay Municipal Utility District	1200 21st Street	Oakland	94607	Air District	Paint Operation
East Bay Municipal Utility District	2144 Poplar Street	Oakland	94607	Air District	Gas Station
East Bay Municipal Utility District PSK	2101 7th Street	Oakland	94607	Air District	Emergency Generator
East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Title V	Sewage Treatment
Englund Studio	1850 Campbell Street	Oakland	94607	Air District	Paint Operation
ExxonMobil c/o Acton Mickelson Environmental	909 Ferry Street (Port of Berth 23	Oakland	94607	Air District	Soil Vapor Extraction
Four Barrel Coffee Co	325 Martin Luther King Way	Oakland	94607	Air District	Coffee Roaster
Global Power Group, Inc	3938 Horton Street	Emeryville	94608	Air District	Emergency Generator
Harold's Auto Body & Paint Shop	2126 Market Street	Oakland	94607	Air District	Auto Body
HC Fine Finishes	1231 24th Street	Oakland	94607	Air District	Spray Booth
High End Custom and Collision	1649 28th Street	Oakland	94608	Air District	Auto Body
Hustead's Collision Center Inc	2915 Market Street	Oakland	94608	Air District	Auto Body
J and O Tire	2236 Poplar Street	Oakland	94607	Air District	Gas Station
Market Street Shell #135692	610 Market Street	Oakland	94607	Air District	Gas Station
MetroPCS California/Florida Inc	720 2nd Street	Oakland	94607	Air District	Emergency Generator
Mobile SS#63049	3400 San Pablo Avenue	Oakland	94608	Air District	Gas Station
Mr Espresso	696 3rd Street	Oakland	94607	Air District	Coffee Roaster
Nor-Cal Metal Fabricators	1121 3rd Street	Oakland	94607	Air District	Sandblasting
Oakland Unified School District	1011 Union Street	Oakland	94607	Air District	Emergency Generator
OFD Fire Station #3	1445 14th Street	Oakland	94607	Air District	Gas Station
Pacific Gas and Electric	689 2nd Street	Oakland	94607	Air District	Emergency Generator
Pinnacle Ag Services	2440 W 14th Street	Oakland	94607	Air District	Emergency Generator
Port of Oakland	651 Maritime Street	Oakland	94607	Air District	Gas Station
Port of Oakland	651 Maritime Street	Oakland	94607	Air District	Emergency Generator
Port of Oakland	1599 Maritime Street	Oakland	94607	Air District	Emergency Generator
Prologis	2420 West 21st Street	Oakland	94607	Air District	Emergency Generator

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Name	Address	City	Zip Code	Permit Type	Source Type
PS Printing LLC	2861 Mandela Parkway	Oakland	94608	Air District	Print Shop
Quality Body and Fender	2510 Martin Luther King Way	Oakland	94612	Air District	Auto Body
Radio Mirchi	Pole Plaza AHN 18, Pole #110141241	Oakland	94608	Air District	Emergency Generator
Redline Import - Auto Collision	2300 Market Street #C	Oakland	94607	Air District	Auto Body
Rino Pacific	1107 5th Street	Oakland	94607	Air District	Gas Station
Safety-Kleen Systems Inc	400 Market Street	Oakland	94607	Air District	Soil Vapor Extraction
San Francisco Bay Bridge Toll Plaza	Bay Bridge East	Oakland	94607	Air District	Emergency Generator
San Pablo Auto Body	2926 San Pablo Avenue	Oakland	94612	Air District	Auto Body
Sausal Corporation	Bay Bridge Toll Plaza	Oakland	94608	Air District	Gas Station
Schnitzer Steel Products Company	Adeline Street, Foot of	Oakland	94607	Air District	Metal Facility
SFPP, L P	Bay Street, off 7 <sup>th</sup> Street	Oakland	94666	Air District	Fuel Storage
Sierra Pacific	3213 Wood Street	Oakland	94608	Air District	Cement Plant
Solstice Press	113 Filbert Street	Oakland	94607	Air District	Print Shop
SPRINT	114 Brush Street	Oakland	94607	Air District	Emergency Generator
SPRINT	1075 7th Street	Oakland	94607	Air District	Emergency Generator
SSA Terminals (Oakland) LLC	1999 Middle Harbor Road	Oakland	94607	Air District	Emergency Generator
SSA Terminals-Oakland LLC	1999 Middle Harbor Road	Oakland	94607	Air District	Gas Station
Stanford Cleaners	2134 Market Street	Oakland	94607	Air District	Dry Cleaning
State of CA - Caltrans	Oak Bay Bridge, E Side, Toll Plaza	Oakland	94608	Air District	Gas Station
Tam's Auto Body	2300 Market Street Suite B	Oakland	94607	Air District	Auto Body
Target Corporation Store #T2767	1555 40th Street	Oakland	94608	Air District	Emergency Generator
T-fuels Inc dba Grand Arco AMPM-C Kim	889 W Grand Avenue	Oakland	94607	Air District	Gas Station
The Home Depot (Store #0627)	3838 Hollis Street	Emeryville	94608	Air District	Emergency Generator
T-Mobile	720 2nd Street	Oakland	94607	Air District	Emergency Generator
Trapac	2800 7th Street	Oakland	94607	Air District	Gas Station
Union Pacific Railroad	1400 Middle Harbor Road	Oakland	94607	Air District	Emergency Generator
Union Pacific Railroad	1400 Middle Harbor Road	Oakland	94607	Air District	Gas Station
US Postal Service - Building Maintenance	1675 7th Street	Oakland	94615	Air District	Emergency Generator
Verizon Wireless (Alameda Perm)	114 Brush Street	Oakland	94607	Air District	Emergency Generator
Verizon Wireless (Bay Bridge East)	107 Burma Road	Oakland	94617	Air District	Emergency Generator
Viridis Fuels	2040 Wake Avenue	Oakland	94607	Air District	Boiler
Watermark Bayside, LLC dba Bayside Park	1440 40th Street	Emeryville	94608	Air District	Emergency Generator

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LIST OF COMPLAINTS RECEIVED IN WEST OAKLAND (JANUARY 2016 – DECEMBER 2018)

Complaint Number	Complaint Type	Date Received	Alleged Site	Address	City	Description	Pertinent Information
226887	Odor	6/8/2016	Ant's Body Shop	2300 Market Street	Oakland	paint fumes	
231961	Gas Station	6/26/2017	Arco	899 West Grand Ave	Oakland	no latches	
232755	Dust	9/14/2017	Blue Bottle Coffee	300 Webster	Oakland	Heavy dust	
226026	Smoke	4/21/2016	Business	291 3rd St	Oakland	heavy black	Intermittent smoke but very heavy
234011	Odor	1/9/2018	Cafe Tartine	55 Harrison St	Oakland	burnt	
234046	Dust	1/16/2018	Cafe Tartine	55 Harrison St	Oakland	particulate matter	
232628	Smoke	9/5/2017	California Cereal Products	1267 14th St	Oakland	black	
224468	Odor	2/4/2016	California Waste Solutions	1820 10th Street	Oakland		
224473	Odor	2/4/2016	California Waste Solutions	1820 10th Street	Oakland	garbage	
224474	Odor	2/4/2016	California Waste Solutions	1820 10th Street	Oakland	garbage	
224476	Odor	2/4/2016	California Waste Solutions	1820 10th Street	Oakland	dead fish	
224477	Odor	2/4/2016	California Waste Solutions	1820 10th Street	Oakland	nauseating	
224491	Odor	2/5/2016	California Waste Solutions	1820 10th Street	Oakland		
224580	Odor	2/9/2016	California Waste Solutions	1820 10th Street	Oakland	sour garbage	
224581	Odor	2/9/2016	California Waste Solutions	1820 10th Street	Oakland	unbearable	
224604	Odor	2/10/2016	California Waste Solutions	1820 10th Street	Oakland		smelled at wood street
226378	Odor	5/5/2016	California Waste Solutions	1820 10th Street	Oakland		
231970	Idling Commercial Vehicle	6/27/2017	California Waste Solutions	1820 10th Street	Oakland	trucks	
235203	Odor	4/22/2018	California Waste Solutions	10th ST/Pine St	Oakland	burning plastic	
228920	Odor	11/23/2016	Construction	311 Burma Rd	Oakland	Burning/ smoke	

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Complaint Number	Complaint Type	Date Received	Alleged Site	Address	City	Description	Pertinent Information
231960	Odor	6/26/2017	Construction	11th St & Frontage Rd	Oakland	fumes	Complained by leaving VM with our Public Info office
227331	Asbestos	7/28/2016	Construction Site	1919 Market St	Oakland	dust everywhere	
227488	Asbestos	8/17/2016	Construction Site	1919 Market St	Oakland	no containment	
227741	Dust	9/14/2016	Construction Site	1919 Market St	Oakland		
231574	Dust	5/13/2017	Construction Site	Frontage Rd/14th St	Oakland	not watering down	
231950	Odor	6/24/2017	Construction Site	Frontage Rd/14th St	Oakland	exhaust	
232676	Dust	9/7/2017	Construction Site	West St/West Grand St	Oakland	not watering down	
232695	Dust	9/8/2017	Construction Site	Filbert St/Myrtle St	Oakland	not watering down	
235995	Dust	6/25/2018	Construction Site	17th St & Campbell St	Oakland		
224172	Odor	1/8/2016	Custom Alloy	2730 Peralta Street	Oakland		
224220	Odor	1/13/2016	Custom Alloy	2730 Peralta Street	Oakland		
225587	Odor	3/26/2016	Custom Alloy	2730 Peralta Street	Oakland	disgusting	
225892	Odor	4/16/2016	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
227017	Odor	6/27/2016	Custom Alloy	2730 Peralta Street	Oakland	metallic	
227585	Odor	8/28/2016	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
227590	Odor	8/29/2016	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
227607	Odor	8/30/2016	Custom Alloy	2730 Peralta Street	Oakland	metallic/chlorine	
227786	Odor	9/17/2016	Custom Alloy	2730 Peralta Street	Oakland	metallic	
228421	Odor	10/10/2016	Custom Alloy	2730 Peralta Street	Oakland	burnt metal	
231225	Odor	4/23/2017	Custom Alloy	2730 Peralta Street	Oakland		
231331	Odor	4/30/2017	Custom Alloy	2730 Peralta Street	Oakland		
231597	Odor	5/16/2017	Custom Alloy	2730 Peralta Street	Oakland	metallic	
232240	Odor	7/28/2017	Custom Alloy	2730 Peralta Street	Oakland	bad	
232242	Odor	7/28/2017	Custom Alloy	2730 Peralta Street	Oakland	burning smell	had also noticed the odor this morning
232362	Odor	8/6/2017	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
232814	Odor	9/24/2017	Custom Alloy	2730 Peralta Street	Oakland	melting metal	
233114	Odor	10/20/2017	Custom Alloy	2730 Peralta Street	Oakland	metal	
233749	Odor	12/10/2017	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
233837	Odor	12/17/2017	Custom Alloy	2730 Peralta Street	Oakland	melting	
234800	Odor	3/28/2018	Custom Alloy	2730 Peralta St	Oakland	burning metal	
235174	Odor	4/19/2018	Custom Alloy	2730 Peralta Street	Oakland	acid/burnt plastic	

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Complaint Number	Complaint Type	Date Received	Alleged Site	Address	City	Description	Pertinent Information
235186	Odor	4/20/2018	Custom Alloy	2730 Peralta	Oakland	chlorine, bleach	
235202	Odor	4/22/2018	Custom Alloy	2730 Peralta Street	Oakland	chlorine	
235242	Odor	4/25/2018	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
235265	Odor	4/27/2018	Custom Alloy	2730 Peralta Street	Oakland	plastic/chlorine	
235271	Odor	4/28/2018	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
235276	Odor	4/29/2018	Custom Alloy	2730 Peralta Street	Oakland	chemical	THERE ARE WHITE CLOUDS OF SMOKE THAT SMELL LIKE CHLORINE COMING FROM RECYCLE PLANT
235283	Odor	4/30/2018	Custom Alloy	2730 Peralta	Oakland	burnt circuit boards	occurs in the afternoon; 3-7pm; if c doesn't answer call again
235682	Odor	5/29/2018	Custom Alloy	2730 Peralta Street	Oakland	CHLORINE BITTER CHEM	
235709	Odor	5/31/2018	Custom Alloy	2730 Peralta Street	Oakland	burning metal	
235715	Odor	6/1/2018	Custom Alloy	2730 Peralta	Oakland	burnt plastic	
235777	Odor	6/4/2018	Custom Alloy	2430 Peralta St	Oakland	burning metal	burning metal odor - burning after 7p when not supposed to
236312	Odor	7/13/2018	Custom Alloy	2730 Peralta Street	Oakland	chemical	
236378	Odor	7/18/2018	Custom Alloy	2730 Peralta	Oakland	burnt chlorine	
236592	Odor	7/25/2018	Custom Alloy	2730 Peralta Street	Oakland		
237249	Odor	9/8/2018	Custom Alloy	2730 Peralta Street	Oakland	bad	
237629	Odor	10/4/2018	Custom Alloy	2730 Peralta Street	Oakland	burning plastic	
237631	Odor	10/4/2018	Custom Alloy	2730 Peralta Street	Oakland	acid	
237752	Odor	10/15/2018	Custom Alloy	2730 Peralta Street	Oakland	chemical	
231968	Idling Commercial Vehicle	6/27/2017	Garbage Trucks	Pine & 11th St	Oakland	many trucks	
238505	Odor	11/27/2018	Jack Truck Repair	2226 Myrtle St	Oakland	repair fumes	
233148	Odor	10/23/2017	Jac's Truck Repair	West Ave	Oakland	exhaust	



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231949	Odor	6/24/2017	LJP Construction Services	121 Pine St	Oakland	chemical	
226900	Asbestos	6/9/2016	MFD	392 11th Street	Oakland	construction	improper removal and containment
227159	Asbestos	7/7/2016	MFD	7 Embarcadero West Unit 202	Oakland	improper removal	no containment and when asked the contractor said they didn't need to
228039	Odor	9/26/2016	MFD	2407 Adeline Street	Oakland	noxious	spraying foam on roof / noxious odor
224267	Odor	1/19/2016	NONE	NONE	Oakland	bad	
224475	Odor	2/4/2016	NONE	NONE	Oakland		
224492	Odor	2/5/2016	NONE	NONE	Oakland	bad dairy	
225033	Odor	2/25/2016	NONE	NONE	Oakland	chemical	
227730	Odor	9/12/2016	NONE	NONE	Oakland	burning bread	smells it mostly in the morning but smells it again now at Laney College
228152	Odor	9/28/2016	NONE	NONE	Oakland	bad plastic	
229220	Odor	12/22/2016	NONE	Fallon St/7th St	Oakland	burnt metal	
229477	Odor	1/9/2017	NONE	NONE	Oakland	burning	
229710	Odor	1/28/2017	NONE	NONE	Oakland	clorox	says smell is coming from Warehouses on 3rd/Center St, Oakland
229857	Odor	2/6/2017	NONE	3rd St / Center St	Oakland	clorox	
229912	Odor	2/13/2017	NONE	NONE	Oakland	clorox	1448 3rd and Center St
230255	Odor	2/27/2017	NONE	NONE	Oakland	burning	
230876	Odor	3/24/2017	NONE	NONE	Oakland	bleach	
232232	Odor	7/27/2017	NONE	NONE	Oakland	burning pot handles	
232537	Odor	8/28/2017	NONE	3rd St / Center St	Oakland	Chemicals	
232581	Odor	8/31/2017	NONE	NONE	Oakland	chemical like	She had stated odor is coming from the west of her...
232661	Dust	9/6/2017	NONE	15th and Center	Oakland	Dust from construction	
232732	Dust	9/11/2017	NONE	305 Center St	Oakland	Dust & gas odors	
233219	Odor	10/25/2017	NONE	NONE	Oakland	bleach	

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234005	Odor	1/9/2018	NONE	3rd St / Center St	Oakland	Chemical smell	
234018	Odor	1/10/2018	NONE	3rd St / Center St	Oakland		
234024	Odor	1/11/2018	NONE	NONE	Oakland	chlorine/bleach	
235033	Odor	4/9/2018	NONE	3rd St / Center St	Oakland	bleach	Complaint #68 Chemical or bleach odor from a warehouse across the street coming into apt
235685	Dust	5/30/2018	NONE	1600 block 10th St	Oakland	white	
235687	Soot	5/30/2018	NONE	NONE	Oakland		
235991	Dust	6/25/2018	NONE	Wood St / 17th St	Oakland	demo no watering	
236297	Odor	7/13/2018	NONE	W Grand Ave & Linden St	Oakland	sulphur	
237527	Odor	9/26/2018	NONE	Adeline St & 24th St	Oakland	burning	
237672	Dust	10/8/2018	NONE	NONE	Oakland	black dust	
238281	Odor	11/5/2018	NONE	3rd St / Center St	Oakland	chemical burning	
232143	Asbestos	7/19/2017	Old American Steel Factory	1900 Mandela Parkway	Oakland	poss illegal removal	Workers on scene in rear warehouse tearing down walls, no containment, fans blowing dust all around
225769	Odor	4/7/2016	Parking Lot	351 Mandela Pkwy	Oakland	paint solvent	
233942	Dust	1/2/2018	Pipe Spy	1108 26th St	Oakland	soil/ concrete	from excavated soil/concrete
235243	Dust	4/25/2018	Road Construction	Peralta St/9th St	Oakland	dust	
235776	Smoke	6/4/2018	Schnitzer Steel	1101 Embarcadero West	Oakland	black	Black smoke - big fire. Concerned about our health and potential respiratory issues.

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1116959	Wood Smoke	8/24/2016	SFD	1425 Myrtle St	Oakland	Heavy - cannot see through smoke	Outside backyard fire or firepit; Fire next door to complainant, ashes left uncleaned, property built in 1940, concerned about asbestos and airborne inhalation
234568	Dust	3/7/2018	SFD	1480 8th St	Oakland	construction	lots of dust, odor and debris from a basement renovation of this residence
WSC408951	Wood Smoke	9/3/2018	SFD	1618 12th St	Oakland	White smoke - can partially see through smoke	neighbor burning backyard, wood toxins, garbage
WSC409806	Wood Smoke	11/17/2018	SFD	1131 Wood St	Oakland	White smoke - can partially see through smoke	Backyard fire pit, burning on no burn day
236563	Odor	7/25/2018	Smart Foodservice Warehouse Stores	400 Oak St	Oakland	diesel, gas	generator runs midday, everyday for about 2 hours
232800	Idling Port Truck	9/21/2017	Trapac Terminal	2800 7th St	Oakland	Idling trucks	Trucks are seen lined up and idled for hours at a time
225034	Odor	2/25/2016	Unknown Business	1448 3rd St	Oakland	smoke	Caller from City of Oakland Admin.. reporting loads of smoke coming from businesses yard
224433	Odor	2/2/2016	Warehouse	1448 3rd Street	Oakland	skunk	
227679	Dust	9/7/2016	Warehouse	1919 Market St	Oakland	not watering down	No containment, dust & debris flying all over neighborhood ... tearing down part of the building
229618	Odor	1/23/2017	Warehouse	1448 3rd Street	Oakland	chlorox	

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237830	Odor	10/17/2018	West Oakland Bart Station	1451 7th St	Oakland	burning tires	
234990	Odor	4/10/2018	Warehouse	3rd St/Center St	Oakland	bleach	
229843	Odor	2/3/2017	Yang Auto Repair	1101 7th ST	Oakland	Spray paint	sometimes can even smell it til 10pm (smelled it last night and again this morning)

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LIST OF NOTICES OF VIOLATIONS ISSUED IN WEST OAKLAND (JANUARY 2016 – DECEMBER 2018)

NOV Number	Regulation	Type	Date Issued	Site	Address	City	Zip	Status
A54387	Rule 11-2-401	Administrative Requirement	2/4/2016	Asbestos Management Group of California	3438 Helen Street	Oakland	94607	Closed
A56003	Rule 11-2-401	Administrative Requirement	7/29/2016	Construction Site	1919 Market St	Oakland	94607	Closed
A56005	Rule 11-2-303	Operational Requirement	9/8/2016	Construction Site	1919 Market St	Oakland	94607	Closed
A56006	Rule 11-2-401	Administrative Requirement	9/8/2016	Construction Site	1919 Market St	Oakland	94607	Closed
A56333	Rule 2-1-302	Administrative Requirement	12/5/2016	Department of Transportation	Toll Operations Bldg, SF-Oakland Ba	Oakland	94608	Closed
A56328	Rule 2-6-307	Operational Requirement	7/1/2016	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Closed
A56330	Rule 2-6-307	Operational Requirement	9/27/2016	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Closed
A56331	Rule 2-6-307	Operational Requirement	9/27/2016	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Closed
A56332	Rule 2-6-307	Operational Requirement	12/2/2016	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Closed
A56334	Rule 2-6-307	Operational Requirement	2/7/2017	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Closed
A56391	Rule 2-6-307	Operational Requirement	8/22/2017	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Pending
A56067	Rule 2-1-307	Operational Requirement	4/26/2018	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Pending
A58247	Rule 8-7-302	Operational Requirement	7/12/2018	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Closed
A56070	Rule 2-1-307	Operational Requirement	9/17/2018	East Bay Municipal Utility District	2020 Wake Avenue	Oakland	94607	Pending
A56329	Rule 2-1-301	Administrative Requirement	8/29/2016	Pinnacle Ag Services	2440 W 14th Street	Oakland	94607	Closed
A56686	Rule 2-1-302	Administrative Requirement	11/8/2016	San Pablo Auto Body	2926 San Pablo Ave	Oakland	94608	Pending
A56389	Rule 2-1-307	Operational Requirement	7/24/2017	Schnitzer Steel Products Company	Adeline St, Foot of	Oakland	94607	Closed
A56069	Rule 5-301, Rule 6-4-301 & 501	Administrative & Operational Requirement	8/24/2018	Schnitzer Steel Products Company	Adeline St, Foot of	Oakland	94607	Pending
A58204	Rule 11-2-401	Administrative Requirement	5/3/2018	Silverado Contractors	2855 Mandela Parkway	Oakland	94608	Closed
A58487	Rule 11-2-401	Administrative Requirement	9/4/2018	Silverado Contractors	2855 Mandela Pkwy, 2nd Flr	Oakland	94608	Pending
A57908	Rule 8-7-301	Operational Requirement	1/26/2018	Trapac	2800 7th Street	Oakland	94607	Closed
NTC Number	Regulation	Type	Date Issued	Site	Address	City	Zip	Status
A46659	Rule 8-7-301	Administrative Requirement	3/9/2018	Mobil SS #63049	3400 San Pablo Ave	Oakland	94608	Violation Resolved

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