

Number	Section	Category	Short Description	Emissions Reduction	Exposure Reduction	Authority	Priority
1	Land Use	Nonconforming Uses	Consistent with the West Oakland Specific Plan, the City of Oakland should continue to activity participate in encouraging the relocation of California Waste Systems and CASS, Inc. to the former Oakland Army Base and work with the property owners and local residents to redevelop the former sites in West Oakland with new, higher intensity business and light industrial uses that fit into a green economy.		x	City of Oakland	High Medium Low
2	Land Use	Nonconforming Uses	The City of Oakland should inventory existing non-conforming uses in West Oakland that have air pollution emissions and contribute to negative health impacts on the community. This work may include recommendations for removal from West Oakland for businesses such as auto repair and cleaning, truck services, manufacturing, junkyards and recycling services.	x	x	City of Oakland	High Medium Low
3	Land Use	Nonconforming Uses	Consistent with measures in the West Oakland Specific Plan, the City of Oakland should identify locations outside of West Oakland for heavier industrial businesses currently in West Oakland that contribute to air pollution emissions and negative health outcomes in West Oakland.		x	City of Oakland	High Medium Low
4	Land Use	Nonconforming Uses	<a href="#">The City of Oakland should amend existing City Ordinances and Administrative policies to accelerate relocation of auto- and truck-related businesses that do not conform with the zoning designations adopted in the West Oakland Specific Plan. As part of this effort, the City of Oakland may use incentives and subsidies to move these businesses away from West Oakland.</a>		x	City of Oakland	High Medium Low
5	Land Use	Nonconforming Uses	<a href="#">The City of Oakland should revise business licensing procedures to require current and proposed businesses to disclose truck visits per day and work with Caltrans to determine the number of trucks that park in the Caltrans right-of-way near West Oakland.</a>	x	x	City of Oakland	High Medium Low
6	Land Use	Conditional Use Permits	<a href="#">The City of Oakland should amend the Building Codes and/or Zoning Ordinance to list freight and trucking related businesses as prohibited uses within West Oakland.</a>		x	City of Oakland	High Medium Low
7	Land Use	Conditional Use Permits	<a href="#">The City of Oakland should work with local businesses, residents, and other partners to develop a plan to limit the hours that trucks can operate in the community.</a>	x	x	City of Oakland	High Medium Low
8	Land Use	Green Infrastructure	<a href="#">The City of Oakland should create a comprehensive area-wide urban canopy forest plan that identifies locations that trees can be added and maintained, such as parks and along Caltrans right-of-way, and develop a plan to protect existing trees by reduce exposure to air pollution emissions in West Oakland.</a>		x	City of Oakland	High Medium Low
9	Land Use	Green Infrastructure	<a href="#">The West Oakland Environmental Indicators Project will develop a plan to use vegetative borders as environmental biofilters between Interstate 880 and the Prescott neighborhood in West Oakland. The Air District is providing funding for the development of this plan.</a>		x	Multiple agencies	High Medium Low
10	Land Use	Green Infrastructure	<a href="#">The City of Oakland should adopt development impact fees that can generate funds for various environmental mitigations, including green infrastructure.</a>	x	x	City of Oakland	High Medium Low

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11	Land Use	Green Infrastructure	The City of Oakland should construct vegetative biofilters between pollution sources and land uses that serve people and train residents to manage biofilters.		x	City of Oakland	High Medium Low
12	Land Use	Green Infrastructure	The Air District and West Oakland Environmental Indicators Project will work with MTC, Caltrans, City of Oakland, and West Oakland business owners and residents to determine if I-580 should allow truck traffic and if I-880 should include a designated truck lane. If these changes are determined to reduce emissions and exposure to air pollution in West Oakland, the Air District will advocate for these changes.	x	x	Caltrans	High Medium Low
13	Land Use	Green Infrastructure	The City of Oakland should reserve land for green infrastructure, transit and truck charging stations.	x	x	City of Oakland	High Medium Low
14	Land Use	Green Infrastructure	The City of Oakland should require incorporating solid barriers into site design, similar to a sound wall, between buildings and sources of air pollution (for example, a freeway).		x	City of Oakland	High Medium Low
15	Land Use	Renewable Energy	The WOEIP and Air District will work with the City of Oakland and other partners to develop incentives for local businesses and homeowners to install solar power coupled with energy storage systems (e.g. batteries).	x	x	City of Oakland	High Medium Low
16	Land Use	Renewable Energy	The City of Oakland should work with agency and local partners, including local businesses and residents, to adopt an ordinance that requires on-site renewable energy generation of at least 5% of project's energy use.	x	x	City of Oakland	High Medium Low
17	Land Use	Renewable Energy	The City of Oakland should work with local businesses and residents, the Air District and other partners to build capacity for electric infrastructure and power storage, support development of fast-charging facilities, set aside land for green infrastructure, truck charging stations and better land use support for electric trucks.	x	x	City of Oakland	High Medium Low
18	Land Use	Renewable Energy	The City and Port of Oakland should work with the Air District and other partners to adopt an Electrical Infrastructure Plan for the maritime waterfront areas of Oakland. This Plan should seek to remove barriers to adoption of zero-emission trucks, such as cost, land, and issues around ownership of charging equipment.	x	x	Port of Oakland	High Medium Low
19	Land Use	Renewable Energy	The California Air Resources Board should work with agency and local partners to advocate for PG&E (and other utilities, such as ABCE) to rationalize electric rates and provide lower rates for truck businesses with zero-emissions trucks.	x	x	Multiple agencies	High Medium Low
20	Land Use	Renewable Energy	The WOEIP and Air District will work with local businesses, residents, and agency partners to create opportunities for students and young adults to work in recycling and at green businesses. This work should seek to result in paid positions for students and young adults.		x	Multiple agencies	High Medium Low
21	Land Use	Renewable Energy	The Alameda County Transportation Commission should work with agency and local partners to develop a program to offer incentives for discounts on pedal and electric bicycle and cargo bicycle rental and purchase for use in West Oakland.	x	x	Multiple agencies	High Medium Low

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22	Land Use	Renewable Energy	The City of Oakland should revise development requirements to require the implementation of as many transportation demand management (TDM) strategies as feasible by developers of new buildings.	x	x	City of Oakland	High Medium Low
23	Land Use	Interagency Collaboration	The City of Oakland should work with agency and local partners to adopt a new CEQA environmental review of Oakland Army Base.	x	x	City of Oakland	High Medium Low
24	Land Use	Interagency Collaboration	The City and Port of Oakland should work with agency and local partners to create a Sustainable Freight Advisory Committee to provide recommendations to each agency's governing board or council. The Committee's scope should include: air quality issues, enhanced/increased enforcement of truck parking and idling, improved referral and follow-up to nuisance and odor complaints related to goods movement, improvements to the Port appointment system, charging infrastructure and rates, and developing land-use restrictions in industrial areas, and consideration of video surveillance to enforce truck parking, route, and idling restrictions.	x	x	Multiple agencies	High Medium Low
25	Land Use	Interagency Collaboration	The City of Oakland should work with agency and local partners to create more stringent CEQA air quality construction and operations thresholds and mitigation analysis for communities like West Oakland, which already suffer from adverse air pollution health effects.	x	x	City of Oakland	High Medium Low
26	Land Use	Interagency Collaboration	The City and Port of Oakland should provide West Oakland community members public notice and at least 30 days of comment period on all relevant planning or land-use decisions.	x	x	City or Port of Oakland	High Medium Low
27	Land Use	Interagency Collaboration	The Air District will work with agency and local partners to improve referral and follow-up on nuisance and odor complaints. This work should include updates to complaint processes, enforcement procedures and coordination with other public agencies regarding odors and open burning complaints.	x	x	Multiple agencies	High Medium Low
28	Land Use	Interagency Collaboration	The Air District will work with community and agency partners to advocate for West Oakland Specific Plan (adopted) and West Oakland Truck Management Plan (proposed) measures.	x	x	City of Oakland	High Medium Low
29	Land Use	Interagency Collaboration	Consistent with the West Oakland Specific Plan, the City of Oakland should implement measures to address gentrification and the pricing out of long-term residents. This effort should include meetings with local community groups, incentives and loans targeted to existing businesses and residents.			City of Oakland	High Medium Low
30	Land Use	Interagency Collaboration	The Air District will work with local and agency partners to improve public notification of alerts during air pollution events that put people at risk. This work will result in a report to the Air District's Board with recommendations.		x	Multiple agencies	High Medium Low
31	Land Use	Interagency Collaboration	The Air District and West Oakland Environmental Indicators Project will support the request for a neighborhood lobbyist to advocate for West Oakland's fair share of resources by identifying funding sources, writing a proposal and letters, and attending City Council and Committee meetings.	x	x	Air District	High Medium Low

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32	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board should consider developing an enhanced enforcement program to identify and repair trucks and buses with faulty emission control systems.	x	x	California Air Resources Board	High Medium Low
33	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board should consider working with AC Transit and other transit operators complying with the Innovative Clean Transit Regulation to increase the number of zero emission buses operating in West Oakland.	x	x	California Air Resources Board	High Medium Low
34	Truck	Truck, Equipment & Bus Idling	The City of Oakland should consider requiring all loading docks in warehouse facilities provide electrical connections for electric trucks and transportation refrigeration units.	x	x	City of Oakland	High Medium Low
35	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board should consider amending warranty requirements and its inspection program for trucks to add a lower in-use emissions performance level.	x	x	California Air Resources Board	High Medium Low
36	Truck	Truck, Equipment & Bus Idling	The Port of Oakland should consider adopting specific interim-year targets for the transition to zero-emission landside container operations at the Seaport terminals.	x	x	Port of Oakland	High Medium Low
37	Truck	Truck, Equipment & Bus Idling	The Port of Oakland should consider amending its tariffs and operating policies to ban trucks that are not in compliance with CARB regulations.	x	x	Port of Oakland	High Medium Low
38	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board, in cooperation with the City of Oakland and the Port of Oakland, should consider creating a stronger connection between persistent idling violations and enforcement of the City of Oakland's blight and nuisance ordinances.	x	x	California Air Resources Board	High Medium Low
39	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board should consider increasing inspections in West Oakland for idling trucks, and consider using GPS and other telecommunication records to identify locations of idling trucks.	x	x	California Air Resources Board	High Medium Low
40	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board should consider amending the truck and bus regulation to require "Clean Idle" trucks to comply with Statewide idling restrictions when in West Oakland.	x	x	California Air Resources Board	High Medium Low
41	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board should undertake a study to determine if 1) trucks in West Oakland are registered in California, 2) have the required emissions equipment, and 3) if low-NOx CNG trucks are a better technology fit for businesses in West Oakland and for independent drayage operators.	x	x	California Air Resources Board	High Medium Low
42	Truck	Truck, Equipment & Bus Idling	The California Air Resources Board and the City of Oakland should consider jointly developing a health-based limit for the number of truck businesses permitted to operate within West Oakland.	x	x	California Air Resources Board, City of Oakland	High Medium Low
43	Truck	Truck, Equipment & Bus Idling	The City of Oakland should consider requiring disclosure of estimated truck visits per day when issuing or renewing business permits.		x	City of Oakland	High Medium Low

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44	Truck	Parking	The City of Oakland, consistent with the West Oakland Truck Management Plan, should consider 1) improving training for issuing truck and trailer parking tickets; 2) changing the parking regulations so they are easier to enforce; 3) increasing truck parking fines; 4) targeting enforcement at specific times and locations.		x	City of Oakland	High Medium Low
45	Truck	Parking	<a href="#">The City of Oakland, should consider increasing coordination and education within the Oakland Police Department (OPD) to address roles and expectations for Community Resource Officers in enforcing parking regulations while on duty/patrol versus on call.</a>	x	x	City of Oakland	High Medium Low
46	Truck	Parking	<a href="#">Port of Oakland should consider offering incentives to truck businesses and drivers to park at the harbor rather than in West Oakland.</a>		x	Port of Oakland	High Medium Low
47	Truck	Routes	City of Oakland, in cooperation with the Port of Oakland and Caltrans, and consistent with the West Oakland Truck Management Plan, should consider improving signage regarding truck parking, routing and idling restrictions.		x	City of Oakland	High Medium Low
48	Truck	Routes	City of Oakland, in cooperation with the Port of Oakland and the West Oakland community, should consider additions or changes to routes and prohibited streets so that truck routes are more effective.		x	City of Oakland	High Medium Low
49	Truck	Routes	<a href="#">The City of Oakland, in consultation with West Oakland residents, should consider a program of traffic-calming measures to keep truck traffic off truck-prohibited streets. Funding to implement this measure may be available from the Air District, ACTC, and other public agencies.</a>		x	City of Oakland	High Medium Low
50	Truck	Zero & Lower Emission	The Air District, in cooperation with Port of Oakland, CARB and the CEC, should consider promoting the use of Renewable Diesel by tug, off-road, rail, truck and bus operators. Funding for this effort may be available from the Air District, CARB, CEC or other public agencies	x		Air District	High Medium Low
51	Truck	Zero & Lower Emission	The Port of Oakland should consider developing drayage truck rates to incentivize the use of zero emission trucks.	x		Port of Oakland	High Medium Low
52	Truck	Zero & Lower Emission	The California Air Resources Board should consider amending the various In-Use regulations to require a transition of zero-emission operations.	x		California Air Resources Board	High Medium Low
53	Truck	Zero & Lower Emission	The Port of Oakland should consider implementing a 100 zero-emission truck commercialization pilot project. Funding for this effort may be available from the Air District, CARB, CEC and other public agencies.	x		Port of Oakland	High Medium Low
54	Truck	Zero & Lower Emission	The Port of Oakland should consider developing an investment plan to improve electrical infrastructure at the Seaport in support of zero emission trucks and cargo handling equipment.	x		Port of Oakland	High Medium Low

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55	Truck	Charging Stations & Infrastructure	The Bay Area Air Quality Management District should consider streamlining the process for providing financial incentives for fueling infrastructure and for zero-emission trucks, buses and freight equipment operating in West Oakland.	x		Air District	High Medium Low
56	Truck	Charging Stations & Infrastructure	California Energy Commission and California Public Utility Commission should consider allowing time-of-day pricing for electricity in order to encourage the use of electric trucks, buses, and vehicles in West Oakland	x		California Energy Commission, California Public Utilities Commission	High Medium Low
57	Truck	Charging Stations & Infrastructure	The City and Port of Oakland should consider long-term leases to vendors that will deliver trucker services (including mini-market and convenience stores, fast food and fast casual restaurants) and parking to keep trucks off West Oakland streets.		x	City of Oakland, Port of Oakland	High Medium Low
58	Truck	Charging Stations & Infrastructure	The Port of Oakland should consider working with the Seaport terminal operators to address the effects on truck flow and congestion due to increasing visits from larger container ships.	x	x	Port of Oakland	High Medium Low
59	Truck	Charging Stations & Infrastructure	The Port of Oakland should consider working with truck operators and beneficial cargo owners to consider an offsite location where trucks can unload instead of at the Port, followed by a separate shuttle truck transfer of the load to the Port using zero emission trucks.		x	Port of Oakland	High Medium Low
60	Truck	Charging Stations & Infrastructure	The Port of Oakland should consider creating incentives for “truck turns,” the practice of hauling loaded containers on each leg of a Port roundtrip		x	Port of Oakland	High Medium Low
61	Truck	Roadways	The Alameda County Transportation Commission should consider working with West Oakland residents and businesses on developing mitigations to impacts caused by the construction of the 7th St Grade Separation - East as part of the GoPort Initiative.	x	x	Alameda County Transportation Commission	High Medium Low
62	Truck	Roadways	The City and Port of Oakland should consider amending their respective ordinances to increase the allowable weight limits on local streets for single-axle zero-emission trucks.		x	City of Oakland, Port of Oakland	High Medium Low
63	Other Mobile Sources	Public Transit	The City of Oakland should consider collaborating with AC Transit, BART, Emery-Go-Round and the local community to identify funding to implement the broad array of transit improvements identified in the West Oakland Specific Plan	x	x	City of Oakland	High Medium Low
64	Other Mobile Sources	Public Transit	AC Transit should consider the need for additional mitigations if transit service improvements cause increases in truck and auto idling on Grand Street.	x	x	AC Transit	High Medium Low
65	Other Mobile Sources	Local Streets	The Air District should consider offering enhanced financial incentives to remove older autos from West Oakland streets through the Vehicle Buy Back and the Cleaner Cars for Everyone programs.	x	x	Air District	High Medium Low

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66	Other Mobile Sources	Local Streets	The City of Oakland, in partnership with Air District, CARB, ACTC and MTC, should consider a program for extending car sharing to low-income individuals and groups in West Oakland.	x	x	City of Oakland	High Medium Low
67	Other Mobile Sources	Local Streets	The Bay Area Transit District should consider developing a bike station with controlled access parking at the West Oakland BART station. Funding for the bike station may be available from the Air District, Caltrans, ACTC, MTC and other public agencies.	x	x	BART	High Medium Low
68	Other Mobile Sources	Local Streets	The City of Oakland should consider implementing the broad array of bicycle and pedestrian improvements identified in the West Oakland Specific Plan. Funding for the improvements may be available from the Air District, the ACTC, MTC and other public agencies	x	x	City of Oakland	High Medium Low
69	Other Mobile Sources	Local Streets	The Oakland Unified School District and the City of Oakland should consider implementing a Safe Routes to Schools Program in West Oakland, including implementing a program for temporarily closing streets next to public schools in West Oakland to keep cars and trucks away from arriving and departing students.		x	Oakland Unified School District, City of Oakland	High Medium Low
70	Other Mobile Sources	Local Streets	The City of Oakland should consider increasing the frequency of street sweeping in West Oakland to decrease road dust.			City of Oakland	High Medium Low
71	Other Mobile Sources	Local Streets	The California Department of Transportation should consider increasing the frequency of street sweeping along the edges of the I-880, I-980 and I-580 freeways.			California Department of Transportation	High Medium Low
72	Other Mobile Sources	Ships	The Air District should consider implementing a streamlined funding program for tug and barge operators to upgrade to Tier 3 and Tier 4 compliant engines.	x		Air District	High Medium Low
73	Other Mobile Sources	Ships	The California Air Resources Board should consider requiring 100% of all container vessels control emissions while at berth at the Port of Oakland.	x		California Air Resources Board	High Medium Low
74	Other Mobile Sources	Ships	The Port of Oakland should consider implementing a Clean Ship Program to increase frequency of visits by the ships with IMO Tier 3 engines.	x		Port of Oakland	High Medium Low
75	Other Mobile Sources	Ships	Schnitzer Steel should consider installing either shorepower or a land- or barge-based "bonnet" system to capture and abate vessel emissions. The development and installation of shore-power or the "bonnet" system may be eligible for grants from either the Air District or the ARB.	x		Air District	High Medium Low
76	Other Mobile Sources	Ships	The California Air Resources Board should consider amending the Harbor Craft regulation to achieve additional control of harbor craft emissions.	x		California Air Resources Board	High Medium Low
77	Other Mobile Sources	Rail	The Port of Oakland should consider encouraging the UP, BNSF and OGRE railways to increase the number of US EPA Tier 4 compliant locomotives providing service in and out of the Port of Oakland.	x		Port of Oakland	High Medium Low

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78	Other Mobile Sources	Rail	<a href="#">The Port of Oakland, in cooperation with CARB, MTC and others, should consider studying the feasibility of using electric switcher locomotives.</a>	x		Port of Oakland	High Medium Low
79	Other Mobile Sources	Rail	The California Air Resources Board should consider developing a regulation to reduce idling emissions from all rail yard sources, with an emphasis on reducing emissions from locomotives not pre-empted under the federal Clean Air Act.	x		California Air Resources Board	High Medium Low
80	Other Mobile Sources	Other	The Air District should consider implementing an enhanced incentive program to encourage operators of gasoline lawn and garden equipment to switch to electric, zero emission equipment	x		Air District	High Medium Low
81	Other Mobile Sources	Other	The California Air Resources Board should work with local and agency partners to determine areas the community wishes to see an enhanced enforcement program. This program may focus on types of equipment (marine craft, trucks, cargo handling, transportation refrigeration units, transit); idling from mobile sources; reducing catalytic converter theft; community, agency, and industry training to reduce emissions (such as from stationary sources or evaluating visible emissions from any source).	x		CARB	High Medium Low
82	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District, in cooperation with agency and local partners, will consider adoption of an indirect source rule to reduce emissions from operations at the Port of Oakland.	x	x	Air District	High Medium Low
83	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District will develop an enforcement plan for stationary sources in West Oakland as part of the West Oakland Community Action Plan. This work will include hosting complaint policy workshops to solicit input from the West Oakland community and an annual report of enforcement activities to the Steering Committee.	x	x	Air District	High Medium Low
84	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District currently enforces Regulation 7: Odorous Substances; Regulation 8, Rule 47: Air Stripping & Soil Vapor Extraction Operations; Regulation 11, Rule 2: Asbestos Demolition, Renovation & Manufacturing; and Regulation 11, Rule 18: Reduce Risk from TACS at Existing Facilities.	x	x	Air District	High Medium Low
85	Fixed & Stationary Sources	Air District Permitted Stationary Sources	<a href="#">The Air District work with agency and local partners to provide incentives to replace existing diesel stationary and standby engines (fire pumps, dryers, conveyor belts, cranes) with Tier 4 diesel or cleaner engines. Priority will be given to upgrading Tier 0, 1 &amp; 2 engines located closest to schools, senior citizen centers, child care facilities, and hospitals.</a>	x	x	Air District	High Medium Low
86	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District will work with the permitted community and other agency and community partners to identify ways to reduce emissions by implementing requirements to minimize start-up, shutdown, maintenance and malfunction emissions through abatement technology, equipment design considerations, revised activity scheduling or planned redundancy.	x	x	Air District	High Medium Low



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87	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District will research reactive organic gas reductions from vanishing oils and rust inhibitors.	x	x	Air District	High Medium Low
88	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District will undertake a study of possible means for further volatile organic compounds controls on fermentation processes at local wineries and breweries. This work will result in a staff report to the Air District Board with recommendations.	x	x	Air District	High Medium Low
89	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District will work with California Air Resources Board and other agency and community partners to identify incentives to improve efficiency at waste water treatment plans to reduce emissions.	x	x	Air District	High Medium Low
90	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District is currently developing a rule to reduce emissions of carbon dioxide, methane, reactive organic gases and oxides of nitrogen from waste water treatment plants and anaerobic digestion facilities. This regulation will be adopted by the Air District Board in 2019.	x	x	Air District	High Medium Low
91	Fixed & Stationary Sources	Air District Permitted Stationary Sources	The Air District will develop a regulation to reduce emissions of reactive organic gases and other toxic compounds from liquid storage tanks as required by AB 617.	x	x	Air District	High Medium Low
92	Fixed & Stationary Sources	Air District Permitted Stationary Sources	East Bay Clean Energy and PG&E are spearheading a project to replace the Dynergy Power Plant with a cleaner and more reliable source of energy by 2022.	x	x	East Bay Clean Energy	High Medium Low
93	Fixed & Stationary Sources	Fixed Source Nuisances	<a href="#">The Air District, City of Oakland and other agency and community partners work on joint enforcement of open burning regulations and use of firepits.</a>	x	x	City of Oakland, Air District	High Medium Low
94	Health Programs	Exposure Reduction	Consistent with the West Oakland Specific Plan, the City of Oakland should coordinate with the US EPA to ensure that remediation plans for the former AMCO site anticipate and allow for future residential use.		x	City of Oakland, US EPA	High Medium Low
95	Health Programs	Exposure Reduction	Consistent with the West Oakland Specific Plan, the City of Oakland should restrict development of more sensitive (e.g., residential) land uses on those sites which carry deed restrictions prohibiting such uses unless additional remediation is undertaken.		x	City of Oakland	High Medium Low
96	Health Programs	Exposure Reduction	Consistent with the West Oakland Specific Plan, the City of Oakland should target future grant and loan applications for brownfield redevelopment efforts necessary to ready West Oakland Opportunity Sites for new development.		x	City of Oakland	High Medium Low

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97	Health Programs	Exposure Reduction	Consistent with the West Oakland Specific Plan, the City of Oakland should enforce Oakland's S-19 Health and Safety Protection Combining Zone Regulations.		x	City of Oakland	High Medium Low
98	Health Programs	Exposure Reduction	The Air District will work with the City of Oakland to develop an incentives program to improve residential energy efficiency through home weatherization and education about energy efficiency.	x	x	Multiple agencies	High Medium Low
99	Health Programs	Exposure Reduction	The City of Oakland should work with local and agency partners to implement regional and local adoption of the state's Health in all Policies program.	x	x	Multiple agencies	High Medium Low
100	Health Programs	Exposure Reduction	Consistent with the Oakland Healthy Development Guidelines, the City of Oakland should implement a new development project-wide smoking ban in Oakland.	x	x	City of Oakland	High Medium Low
101	Health Programs	Exposure Reduction	The Air District will work with local and agency partners to provide incentives to install high-efficiency air filtration systems at schools, day care facilities, hospitals, and residences in West Oakland. This effort is funded by a SEP agreement signed in 2018. The Air District may <a href="#">prioritize installation of air filters to protect people closest to sources of air pollution, consider distributing funding based on income levels, prioritizing the lowest-income tracts of West Oakland first.</a>		x	Air District	High Medium Low
102	Health Programs	Exposure Reduction	The Air District will work with agency and local partners to spend AB 134 funds reducing emissions and exposure in West Oakland through the Air District's Community Health Protection Program Grants.	x	x	Air District	High Medium Low
103	Health Programs	Exposure Reduction	The City of Oakland should encourage developers to avoid locating residences, schools, medical facilities on the ground floor of buildings in West Oakland.		x	City of Oakland	High Medium Low
104	Health Programs	Exposure Reduction	Consistent with the Building Energy Efficiency Standards for air filtration in effect as of January 1 2019 in the State, the City of Oakland should require newly constructed buildings of 4 or more stories to include air filtration systems equal to or greater than MERV 13 (ASHRAE Standard 52.2), or a particle size efficiency rating equal to or greater than 50 percent in the 0.30-1.0 µm range and equal to or greater than 85 percent in the 1.0-3.0 µm range, (AHRI Standard 680).		x	California Energy Commission	High Medium Low
105	Health Programs	Exposure Reduction	The City of Oakland should work with agency and community partners to undertake participatory budgeting with West Oakland community members to allocate local health improvement grants that reduce emissions or exposure to emissions.	x	x	City of Oakland	High Medium Low
106	Health Programs	Exposure Reduction	The City of Oakland currently requires new development for residential uses, sensitive receptor uses, and projects within a specific distance of specific types of air pollution sources must meet these Standard Conditions of Approval.		x	City of Oakland	High Medium Low

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107	Health Programs	Exposure Reduction	The Air District and West Oakland Environmental Indicators Project will report bi-annually to the Steering Committee on progress to implement the measures in the West Oakland Community Action Plan			Air District	High Medium Low
108	Health Programs	Exposure Reduction	Consistent with the West Oakland Specific Plan, the City of Oakland should continue to retain commercial and/or industrial land use designations on those sites which have been remediated, but only to commercial/industrial standards, and limit the exposure of sensitive land uses by restricting or limiting new residential development at those sites known to have been previously environmentally contaminated.		x	City of Oakland	High Medium Low
109	Health Programs	Exposure Reduction	The Air District and West Oakland Environmental Indicators Project will work with the Oakland Unified School District to involve West Oakland schools in the upcoming "Green Mobility in Schools" pilot program from the California Air Resources Board. This program will fund electric vehicles and electric vehicle supply equipment in schools (K-12) such as electrification of the school's yellow and white fleet, a car share component for staff at schools to rotate using zero-emission vehicles, and outreach to students, parents and the community.	x	x	Oakland Unified School District	High Medium Low
110	Health Programs	Exposure Reduction	The Air District will undertake an engineering evaluation to determine if the relocation of exhaust stacks and/or vents will reduce local exposure in West Oakland. This evaluation may focus initially on the top 20 stationary sources that most contribute to local exposure.		x	Air District	High Medium Low
111	Health Programs	Exposure Reduction	The City of Oakland should work with developers to phase the building of residential units and/or sensitive land uses that are closest to emissions sources at the latest date in the future, as feasible.		x	City of Oakland	High Medium Low
112	Health Programs	Exposure Reduction	The City of Oakland should work with developers to locate sensitive land uses as far away from emission sources (including loading docks, busy roads, etc.) as is feasible.		x	City of Oakland	High Medium Low
113	Health Programs	Exposure Reduction	The Air District, working with West Oakland Environmental Indicators Project and agency partners, will install more air monitoring sensors in West Oakland.			Air District	High Medium Low
114	Health Programs	Exposure Reduction	The City of Oakland should work with local businesses, partner agencies, and community members to develop a Green Business Strategic Plan to attract, retain, and support innovative green companies in West Oakland. This effort may include coordination with State and local agencies to develop a criteria for green business certification for new and existing businesses.	x	x	City of Oakland	High Medium Low
115	Health Programs	Exposure Reduction	The Air District, West Oakland Environmental Indicators Project and other community and agency partners will advocate for the adoption of a City ordinance or state-wide regulations to set limits to the amount of exposure to toxic air contaminants that communities can be exposed to. This cap will protect already over-burdened communities like West Oakland from further air pollution.	x	x	Air District	High Medium Low

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116	Health Programs	Exposure Reduction	The City of Oakland should work with community partners to align West Oakland zoning with the Healthy Development Guidelines. This work may include applying the Guidelines to existing buildings, by requiring upgrades such as HUS EPA filters.		x		High Medium Low
117	Health Programs	Exposure Reduction	The City of Oakland should work with local schools and Alameda County Transportation Commission to expand the Safe Routes to Schools program to more schools in West Oakland.	x	x	City of Oakland	High Medium Low
118	Health Programs	Exposure Reduction	The City of Oakland should work with agency and local partners to identify strategies to reduce emissions and exposure from light-duty vehicles traveling though (and idling in) West Oakland and on the surrounding roadways and freeways. This work may include researching and considering: limiting additional parking lots serving West Oakland BART; encouraging those BART users to use transit, and other forms of alternative transportation; and up-zoning around BART for denser land use.	x	x	Air District	High Medium Low
119	Health Programs	Exposure Reduction	The City of Oakland should work with agency and local partners to design and implement a program for temporarily closing streets next to schools to keep cars and trucks away from arriving and departing students. The Air District will offer technical assistance by modeling the exposure reductions from this program.		x	City of Oakland	High Medium Low
120	Health Programs	Exposure Reduction	Consistent with the West Oakland Truck Management Plan, the City of Oakland should implement a program that includes adding roadway signage to encourage light-duty vehicles not to idle near schools and other land uses that serve children and seniors.	x	x	City of Oakland	High Medium Low
121	Health Programs	Exposure Reduction	The Air District will work with agency and local partners to investigate the differences in time-of-day exposure and how this might suggest additional strategies. For example, The Air District will research the possibility that rush-hour freeway and roadway light-duty and heavy-duty traffic create weekday peaks in exposure, or that smart air filtration systems could intake air during less-polluted times of the day (such as during peak vehicle travel times).	x	x	Air District	High Medium Low
122	Health Programs	Exposure Reduction	The City of Oakland and the Air District should work together to investigate the potential benefits of centralized package delivery sites like Amazon personal lockers. The Air District will model the emissions and exposure reductions of this program and report back to the Steering Committee.		x	Air District	High Medium Low
123	Health Programs	Exposure Reduction	The Air District will work local and agency partners to determine ways to better track health impacts so data are centralized and consistently reported.	x	x	Air District	High Medium Low
124	Health Programs	Exposure Reduction	Consistent with the recommendations within the Draft Downtown Oakland Specific Plan, the City of Oakland should study the long-term feasibility of replacing I-980 with a multi-way, street-level boulevard to better connect West Oakland and downtown, creating opportunities for new housing and other uses, and support walking, biking, and transit.	x	x	Multiple agencies	High Medium Low

Number	Section	Category	Short Description	Emissions Reduction	Exposure Reduction	Authority	Priority
125	Health Programs	Public Education & Services	Consistent with the West Oakland Specific Plan, the City of Oakland should work with agency and local partners to expand the existing West Oakland Senior Shuttle program to include seniors in single family homes and smaller multi-family homes.	x	x	Alameda County Health Department	High Medium Low
126	Health Programs	Public Education & Services	Consistent with the West Oakland Specific Plan, the City of Oakland should work with agency and local partners to improve access to medical services. This work may include designing a pilot taxi and ride-hail voucher program.		x	Alameda County Health Department	High Medium Low
127	Health Programs	Public Education & Services	The City of Oakland work should with Alameda County Public Health to improve West Oakland access to medical services. This work may include expanding existing programs such as the Child Health and Disability Prevention Program free health check-ups for infants thru teens on a set schedule; Asthma Management at schools; Building Blocks for Health Equity which works to correct inequity in health outcomes for children; Urban Male Health Initiative which is charged with reducing the premature mortality of men and boys in Alameda County; and the Alameda County Health Improvement Plan to develop and implement a five-year county plan to improve health and achieve health equity.		x	Alameda County Health Department	High Medium Low
128	Health Programs	Public Education & Services	The Alameda County Health Department administers and ongoing Lead Abatement Programs to reduce lead exposure from paints and disturbed soil.		x	Alameda County Health Department	High Medium Low
129	Health Programs	Public Education & Services	The Alameda County Public Health Department currently administers Asthma programs to prevent emergency room visits and hospitalizations related to asthma; enhance awareness and understanding of asthma; improve the ability of families to control the child’s asthma; prevent missed days of work and school.		x	Alameda County Health Department	High Medium Low
130	Health Programs	Public Education & Services	The Alameda County Health Department should work with agency and local partners to investigate the use of green building approaches in housing construction and renovation that will reduce emissions and exposure to air pollution emissions. This work may examine weatherization/energy efficiency (EE) and renewable energy services. This work will draw from the Contra Costa County Health Department's pilot effort in cooperation with the Regional Asthma Management Program.	x	x	Alameda County Health Department	High Medium Low
131	Health Programs	Public Education & Services	The West Oakland Environmental Indicators Project will work with the Oakland Unified School District to apply for School Community Grants. These grants can fund activities such as: teaching materials for air quality education, Idle Free Bay Area campaigns, tree planting projects, monitoring sensors to collect and interpret data for educational purposes. This work will result in at least one application to the Air District.		x	Air District	High Medium Low
132	Health Programs	Public Education & Services	The Alameda County Public Health Department currently offers the following programs: Hypertension Class and a Diabetes self-management class, Tobacco Control Program, and the BreathMobile.		x	Alameda County Health Department	High Medium Low