Topic A	rea	Implementation Action(s)	Source
Measur	re		
Establis	vernment Operations (CG) h the City of Vallejo as a leader in gr ter and waste facilities.	eenhouse gas management through efficiency improvements to City buil	dings, vehicles, operations,
CG-1	Green Team Create a City Green Team to identify, prioritize, and implement greenhouse gas (GHG) reduction projects, including education.	CG-1.1. Form a multi-departmental Green Team to identify, prioritize, and implement GHG reduction projects for City operations such as commute programs, recycling efforts, and procurement policies consistent with the CAP. CG-1.2. Provide energy and GHG reduction training to existing staff.	Vallejo Workshop, Energy Efficiency and Conservation Strategy, Benicia Climate Action Plan, and Solano County Climate Action Plan
CG-2	<b>CAP Implementation</b> See to the timely implementation of CAP strategies by establishing an implementation and reporting infrastructure.	CG-2.1. Designate a City staff member of the Green Team to have lead responsibilities for implementing the Climate Action Plan. Duties of this position include coordinating the Green Team, preparing annual CAP implementation priorities, and tracking City government and community-wide greenhouse gas emissions. CG-2.2. On an annual basis, report to City Council on the City's progress toward CAP implementation and GHG reduction targets. CG-2.3. Identify and pursue grants to fund CAP implementation strategies.	Best practices
CG-2	Lighting Retrofit City-owned or -operated lighting and related mechanical systems.	<ul> <li>CG-2.1. Retrofit City streetlights, outdoor lighting, and traffic signals with high-efficiency lights such as light-emitting diode (LED) or induction lighting.</li> <li>CG-2.2. Optimize the City Data Center by identifying and implementing energy efficiency measures to City data centers, computer systems, and related equipment.</li> <li>CG-2.3. Rewire lighting circuits to allow for user control of task lighting, sensors, Building Management System (BMS) control, and day lighting modulated control.</li> <li>CG-2.4. Adjust the lighting schedule of street lighting and other exterior lighting to minimize the use of lighting at unnecessary or underutilized times.</li> </ul>	Energy Efficiency and Conservation Strategy

<b>Topic Area</b> Measure		ea Implementation Action(s) S	Source
CG-3	Renewable Energy Continue to install renewable energy systems on City properties.	CG-3.1. Identify cost-effective renewable energy opportunities for additional City properties and apply for federal, state, and utility grant and funding opportunities when they become available.	Vallejo Workshop, Energy Efficiency and Conservation Strategy
CG-4	<b>Building &amp; Facility Efficiency</b> Reduce energy consumption from existing City facilities by 20% by 2035 through energy efficiency improvements.	<ul> <li>CG-4.1. Create a City Government Energy Fund to reinvest annual cost savings from energy efficiency improvements for additional energy efficiency programs.</li> <li>CG-4.2. Complete energy and water audits of City facilities to identify building inefficiencies and prioritize the implementation of cost-effective energy and water efficiency retrofits with a payback of less than 10 years.</li> <li>CG-4.3. Emphasize water management and reclamation for schools, parks, golf courses, and manufacturing processes.</li> <li>CG-4.4. Schedule regular operating hours and restrict facility use in a manner that reduces inefficient use of buildings or rooms.</li> <li>CG-4.5. Explore the City's use of technical equipment and identify opportunities for low-power alternatives, such as tablet computers or networked copiers.</li> </ul>	Energy Efficiency and Conservation Strategy
CG-5	New Building & Facility Efficiency Apply CALGreen Tier 1 energy efficiency standards to all new City facilities.	CG-5.1. Require new municipal facilities to meet CALGreen Tier 1 standards. Tier 1 prerequisites include requirements to install cool roofs, provide preferential parking for low-emitting vehicles, exceed Title 24 requirements, reduce indoor potable water use and outdoor landscaping water use, and include recycled materials within new facilities. CG-5.2. Encourage Leadership in Energy and Environmental Design (LEED) or similar best practices for new buildings and facilities as well as remodels.	CALGreen, California Air Pollution Control Officers Association (CAPCOA)

<b>Topic A</b> Measur		Implementation Action(s)	Source
CG-6	Replacement Vehicles Purchase fuel-efficient and alternatively fueled vehicles.	CG-6.1. Adopt a City policy to incrementally replace appropriate fleet vehicles and buses with more fuel-efficient and lower carbon- emitting models per the standard turnover schedule. Alternative fuels and vehicles include liquefied petroleum gas (LPG), compressed natural gas (CNG), biodiesel, hybrid vehicles, and plug-in electric vehicles. CG-6.2. Use Global Positioning System (GPS) tools to map routes and path of travel to control fuel and wear and tear on vehicles. CG-6.3. Extend the replacement time on maintained vehicle pools. CG-6.4. Ensure that vehicle size is appropriate for the job performed.	Energy Efficiency and Conservation Strategy
CG-7	Employee Commute Alternatives Provide information and incentives for City staff to carpool, use public transportation, walk, or bike to work.	CG-7.1. Designate an Employee Commute Alternatives Coordinator to implement and support trip reduction programs. CG-7.2. Promote carpooling by providing a website or message board for coordinating shared rides and designating a percentage of conveniently located parking spaces for carpooling vehicles. CG-7.3. Enact a guaranteed ride home program for employees who carpool, take public transit, or use other alternative modes of transportation. CG-7.4. Provide recognition awards to City departments and employees with high carpooling, transit, biking, and walking to work participation rates. CG-7.5. For external meetings, select a centrally located site to meet. CG-7.6. Make provisions for secure and safe bike storage at City facilities.	САРСОА
CG-8	Zero Emission Vehicles Provide electric vehicle charging stations.	CG-8.1. Install additional electric vehicle charging stations at City Hall and other appropriate municipal parking lots. CG-8.2. Coordinate with regional agencies to install charging stations in high traffic areas through grant-funded programs encouraging electric vehicle use. CG-8.3. Use small- and large-scale solar panels to power or supplement charging stations.	CAPCOA, Energy Efficiency and Conservation Strategy

Topic Area		Implementation Action(s)	Source
Measure			
Community	y Education (CE)		
	sidents, businesses, and students e sustainable.	about greenhouse gas emissions, the City's efforts sustainability efforts,	and ways in which they
CE-1	Student Outreach Engage students in the City's GHG reduction efforts through outreach to K–12 schools and colleges.	<ul> <li>CE-1.1. Create a collaboration between the City Green Team and Vallejo schools to: <ul> <li>a. Inform students about climate change and ways to reduce GHG emissions, water conservation, and recycling.</li> <li>b. Sponsor competitions and contests with prizes for promoting climate protection and reducing GHG emissions.</li> <li>c. Partner with professional associations to develop strategies to reduce GHG at that level.</li> </ul> </li> </ul>	
CE-2	Community Outreach Engage the general community in the City's GHG reduction efforts through print, online, and in-person outreach mechanisms.	CE-2.1. Educate and inform residents and businesses about CAP implementation strategies and ways in which they can support the City's GHG reduction goals through changes to their behavior or environment. CE-2.2. Identify a primary location in Vallejo for deposit and distribution of information regarding GHG management. CE-2.3. Cooperate with the schools, business community, and community groups to develop an online one-stop shop for GHG information and resources. CE-2.4. Educate stakeholders on effectiveness of "value-added banking strategies" to assure the ability to sustain efficient activities. CE-2.5. Use the City newsletter to communicate and raise awareness of sustainable practices, with an emphasis on illustrating cost savings and benefits to all consumers.	League of California Cities, Local Government Commission

<b>Topic Area</b>	ı	Implementation Action(s)	Source
Measure			
Energy (E)			
Reduce en	ergy demand through energy efficient	ciency improvements and conservation.	
E-1	Building Stock: Existing Facilitate energy efficiency upgrades and retrofits in existing commercial, residential, and industrial buildings by connecting residents and businesses with technical and financial assistance.	<ul> <li>E-1.1. Connect businesses and residents with voluntary programs that provide free or low-cost energy efficiency audits and retrofit installations.</li> <li>E-1.2. Develop an outreach program to encourage participation in low-income weatherization programs.</li> <li>E-1.3. Work collaboratively with Solano County, other municipalities in the region, and the Association of Bay Area Governments (ABAG), and participate in regional energy efficiency financing programs such as low-interest revolving loan funds, the California Comprehensive Residential Building Retrofit Program, or a Property Assessed Clean Energy (PACE) program that enables Vallejo property owners to obtain low-interest financing for energy improvements.</li> </ul>	Vallejo Workshop, CAPCOA, Solano County Climate Action Plan (Public Review Draft)
E-2	Building Standards Require all new development to exceed minimum energy efficiency and green building requirements by 15% (CALGreen Tier 1).	<ul> <li>E-2.1. Adopt energy efficiency standards 15% above California Title 24 as a mandatory Tier 1 requirement in the CALGreen Building Code for all new construction, remodels over 50%, and tenant improvements.</li> <li>E-2.2. Require new construction, remodels over 50%, and tenant improvements to demonstrate compliance with all mandatory and voluntary CALGreen Building Code requirements by completing a green building checklist when submitting a request for building permits.</li> <li>E-2.3. Collaborate with affordable housing organizations to adopt a City policy that reserves an agreed-upon percentage of local funding for affordable housing to be used for energy-saving features that reduce operating costs and GHG emissions by a minimum of 20% below business as usual.</li> </ul>	CAPCOA

<b>Topic Area</b> Measure		Implementation Action(s)	Source
E-3	Smart Meters Increase the community's awareness and utilization of real-time energy consumption data available through PG&E's SmartMeter program.	<ul> <li>E-3.1. Support PG&amp;E's installation of SmartMeters on commercial and residential properties by informing the community of the GHG and energy cost saving potential of the devices.</li> <li>E-3.2. Require new construction and major remodels to install real-time energy monitors.</li> <li>E-3.3. Inform the community of metering options, such as online applications and in-home monitors.</li> <li>E-3.4. Connect businesses and residents with rebate programs that give priority to appliances with smart grid technology.</li> </ul>	Best practices
E-4	Urban Heat Island Mitigation Increase tree planting and the use of cool roofs and cool pavement materials to reduce the urban heat island effect and corresponding energy consumption. Implement tree replacement policy for projects where tree removal is necessary.	<ul> <li>E-4.1. Actively inspect and enforce state requirements for cool roofs on residential and nonresidential roofing projects. Require new buildings to meet Title 24 and CALGreen minimum requirements for cool roofs with a minimum solar reflectance index (SRI) of 10 for steep slope roofs and 64 for low slope roofs.</li> <li>E-4.2. Establish standards for new development and major remodels (to be defined) to reduce exterior heat gain for 50% of non-roof impervious site surfaces (roads, sidewalks, courtyards, parking lots, driveways) through one or more of the following mechanisms: <ul> <li>Achieve 50% paved surface shading within five to ten years by planting trees and other vegetation and/or installing solar panels or shading structures above parking.</li> <li>Use paving materials with an SRI of at least 29 for all surfaces.</li> </ul> </li> </ul>	CAPCOA

<b>Topic Area</b> Measure		Implementation Action(s)	Source
Renewable E	nergy (RF)		
		ale renewable energy systems.	
RE-1	Renewable Energy Installation Support the installation of small-scale renewable energy systems including solar photovoltaic, solar thermal, and wind, river current, and tidal energy conversion systems.	RE-1.1. Update the Zoning Code to define a renewable energy strategy that removes barriers to small-scale solar energy systems. RE-1.2. Revise the permit processes and fees as appropriate to remove barriers to and incentivize the installation of renewable energy systems in accordance with applicable safety and environmental standards. RE-1.3. Provide training to at least one designated Planning and one Building staff member to enable knowledgeable and expeditious processing of renewable energy applications. RE-1.4. Require new homes and businesses to be pre-wired and pre- plumbed for solar and solar thermal installations. RE-1.5. Evaluate site-specific opportunities and constraints related to	CAPCOA, Vallejo Workshop
RE-2	Renewable Energy Financing Connect residents and businesses with renewable energy incentives and low- interest financing mechanisms.	<ul> <li>Vallejo's proximity to the Bay and to rivers, channels, and lakes, both man-made and natural.</li> <li>RE-2.1. Participate in a regional financing program such as the Property Assessed Clean Energy (PACE) program or equivalent that achieves similar results to provide low-interest financing for renewable energy installations.</li> <li>RE-2.2. Designate a City staff person to coordinate local inquiries regarding the regional financing program.</li> <li>RE-2.3. Train Planning and Building staff members on available state, regional, and utility-led financing mechanisms and incentives/rebates.</li> </ul>	САРСОА

Topic Area	Implementation Action(s)	Source
Measure		
Transportation Demand Management (TD	M)	
Reduce and consolidate the number of sin	gle-occupancy vehicle trips to and from Vallejo by providing attractive alte	rnatives and by requiring
co-beneficial land use decisions.		
TDM-1 Local Businesses Promote "buy local" and related initiatives that support local commerce and reduce the need for travel.	<ul> <li>TDM-1.1. Support efforts that encourage people who live, work, or have businesses in Vallejo to buy local goods, food supplies, and services.</li> <li>TDM-1.2. Implement the elements of the Downtown Specific Plan that encourage the promotion of economic revitalization of the Downtown Commercial Area to create local options for commerce.</li> <li>TDM-1.3. Enact new or participate in existing award programs that recognize local employers who provide outstanding contributions to the quality of life in the community.</li> <li>TDM-1.4. Promote cooperative benefits organizations to enable individual merchants to achieve benefits of scale and innovation to reduce energy consumption, establish recycling programs, and reduce water use.</li> <li>TDM-1.5. Support strategies to increase local business-to-business commerce.</li> </ul>	Vallejo Workshop, General Plan, CAPCOA

<b>Topic Area</b> Measure	Implementation Action(s)	Source
TDM-2 Mixed-Use, Higher- Density, Transit-Oriented Development Promote mixed-use, higher-density development near transit nodes.	<ul> <li>TDM-2.1. Continue to maintain the Downtown Commercial Area as a strong focal point to attract higher-density housing, business, and office use.</li> <li>TDM-2.2. Provide a high-quality and relatively high-density multifamily residential environment in and adjacent to the Downtown and in selected transit-oriented priority areas and other transit corridors.</li> <li>TDM-2.3. Adopt incentives such as priority processing and revise codes to increase densities in the Downtown or within one-half mile of a regularly scheduled transit stop.</li> <li>TDM-2.4. Ensure that applications for new office and mixed-use development analyze the project's connection and orientation to pedestrian paths, bicycle paths, and existing transit stops within one-half mile of the project site. Orient projects toward existing transit, bicycle, or pedestrian corridors. Minimize setbacks from the street and provide pedestrian pathways. Locate primary entrances on street frontage in the Downtown area.</li> <li>TDM-2.5. Implement elements in the Downtown Specific Plan that encourage pedestrian-oriented plazas, walkways, bike trails, bike lanes, and street furniture and connecting various land uses and including safety amenities such as lighting and signage.</li> <li>TDM-2.6. Implement elements in the Downtown Specific Plan that promote mixed-use development and provide commercial services such as day care, restaurants, banks, and stores near to employment centers, where feasible.</li> <li>TDM-2.7. Support "complete streets" by incorporating applicable public transit, bicycle and pedestrian rights-of-way, and facilities for Vallejo community members when evaluating future expansion and new development of streets and highways.</li> </ul>	General Plan, Vallejo Workshop, CAPCOA

<b>Topic Area</b> Measure		Implementation Action(s)	Source
TDM-3	Bicycle and Pedestrian Travel Expand and link the network of pedestrian and bicycle paths and facilities through preparation of a Bicycle and Pedestrian Master Plan with the goal of increasing the bicycle and pedestrian mode share 20% by 2035.	<ul> <li>TDM-3.1. Create a Bicycle and Pedestrian Master Plan to analyze existing and future pedestrian and bicycle infrastructure and facilities and to qualify for state and federal funding for bicycle- and pedestrian-related infrastructure.</li> <li>TDM-3.2. Pursue public and private funding to expand and link the network of pedestrian and bicycle paths and facilities beginning in selected, transit-oriented priority areas.</li> <li>TDM-3.3. Revise standards to require the provision of bicycle support facilities (lockers, shower rooms, etc.) for appropriate development at a rate of 1 changing room and shower per 200 occupants.</li> </ul>	CAPCOA
TDM-4	Parking Revise parking requirements for new commercial and multi- family residential projects.	TDM-4.1. Revise parking requirements for new commercial and multi- family residential projects to provide bike racks for 5% of the building's projected visitors within 200 feet of the building's entrance for commercial projects and one long-term bicycle storage space per 2 multi-family units. TDM-4.2. Allow up to a 50% reduction in required private vehicle parking spaces in new commercial and multi-family residential projects if justified in an approved trip reduction plan. TDM-4.3. Encourage shared parking programs in mixed-use and transit-oriented development areas. TDM-4.4. Design parking lots, where feasible, to include clearly marked and shaded pedestrian pathways between transit facilities and building entrances.	CAPCOA, General Plan

<b>Topic Area</b> Measure		Implementation Action(s)	Source	
TDM-5	<b>Transit</b> Support a convenient, attractive, and comprehensive transit system.	TDM-5.1. Prioritize and pursue transit improvements that serve local businesses and job sites. TDM-5.2. Encourage major employers to provide free or discounted transit passes or other incentives to employees for using transit. TDM-5.3. Create a network of bicycle and pedestrian paths that connect with transit services on Mare Island, combined with a street framework that is transit-friendly and sensitive to Mare Island's historic character.	General Plan, CAPCOA	
TDM-6	<b>Food Systems</b> Support convenient access to neighborhood- serving grocery stores and community gardens.	<ul> <li>TDM-6.1. Encourage the distribution of grocery stores that provide fresh and local foods with convenient access from all residential neighborhoods.</li> <li>TDM-6.2. Improve the distribution, frequency, and attendance of farmers markets in Vallejo.</li> <li>TDM-6.3. Collaborate with community-based organizations in support of community gardens on applicable sites throughout the city.</li> </ul>	Vallejo Workshop	
TDM-7	Commute Behavior Reduce emissions from commute travel to and from schools and workplaces.	<ul> <li>TDM-7.1. Encourage a variety of transportation system demand management techniques for new development, including variable work hours and telecommuting.</li> <li>TDM-7.2. Support the establishment and participation in Safe Routes to Schools and similar infrastructure and educational programs that enable safe passage of children and reduce vehicle trips to local schools.</li> <li>TDM-7.3. Collaborate with the Solano Transportation Authority (STA) and Solano County to update the rideshare matching system to include the use of social networking and smart phone platforms and encourage greater use of existing park-and-ride lots.</li> <li>TDM-7.4. Collaborate with STA and local employers to support guaranteed ride home programs including preferential parking spaces, employer-assisted ride matching databases, recognition programs, and other incentives.</li> <li>TDM-7.5. Participate in and contribute to regional programs to address Bay Area commute alternatives and commute efficiency.</li> </ul>	General Plan, CAPCOA	

Topic Area		Implementation Action(s)	Source
Measure TDM-8 Optimized 1		<ul> <li>TDM-8.1. Update the City General Plan and corresponding regulations to support additional jobs and economic revitalization that improves Vallejo's jobs-housing balance.</li> <li>TDM-8.2. Support the retention and expansion of local anchor and growth industries including Kaiser and Sutter hospitals, as well as Touro University on Mare Island and the California Maritime Academy.</li> <li>TDM-8.3. Review land-use plans and regulations and revise as needed to support additional live-work opportunities and home occupations, provided they are compatible with the existing neighborhood.</li> </ul>	Vallejo Workshop, City Council Resolution, CAPCOA, Solano County Climate Action Plan (Public Review Draft)
Optimize ne use.	ecessary vehicular travel to the g	reatest extent possible through alternative vehicles and fuels and efficier	nt vehicle maintenance and
OT-1	Efficient and Alternative Fuel Vehicles Support the expanded use of efficient and alternative fuel vehicles.	OT-1.1. Support continued use of High-Occupancy Vehicle (HOV) lanes by fuel-efficient and alternative fuel vehicles designated as Zero or Partial Zero Emission Vehicles (ZEV or PZEV) by the California Air Resources Board through adoption of Climate Action Plan policies and participation on Metropolitan Transportation Commission and other Regional Agency committees. How can the City influence CalTrans? OT-1.2. Revise parking requirements for public and new commercial developments to include designated stalls for low-emitting, fuel- efficient vehicles and carpool/vanpool vehicles for a minimum of 8% of total parking capacity and to pre-wire stalls for future electric vehicle charging stations for 2% of total parking capacity. OT-1.3. Encourage new gas stations and automotive uses to include biodiesel facilities and/or offer biodiesel retrofits to diesel vehicles.	Vallejo Workshop, CAPCOA
OT-2	<b>Car Sharing</b> Facilitate a car-sharing network in Vallejo.	<ul> <li>OT-2.1. Facilitate and encourage at least one car-sharing company, such as Zip Car and City Car Share, to include Vallejo in its service area by 2020.</li> <li>OT-2.2. Investigate the possibility of reducing the City's vehicle fleet by using car-sharing vehicles for appropriate City uses by 2020.</li> </ul>	Solano County Climate Action Plan (Public Review Draft), CAPCOA

Topic Area		Implementation Action(s)	Source
Measure			
OT-3	Anti-Idling and/or Traffic Calming Support anti-idling and traffic calming infrastructure and enforcement.	<ul> <li>OT-3.1. Synchronize, improve, and construct traffic signal/road improvements that reduce vehicle idling.</li> <li>OT-3.2. Work with the Vallejo Police Department to increase enforcement of state idling restrictions for heavy-duty vehicles.</li> <li>OT-3.3. Encourage local schools to implement an anti-idling campaign at pick-up and drop-off areas.</li> </ul>	General Plan, CAPCOA
	tewater, and Solid Waste		
		y use, and reduce the amount of solid waste sent to landfills from Vallej	
W-1	Water Conservation Efforts Promote and require water conservation through outreach and pricing.	<ul> <li>W-1.1. Provide regular water billing inserts with information on conservation techniques, water audits, rainwater collection systems, and more.</li> <li>W-1.2. Modify the City's tiered water rate structure to include more tiers per customer class in order to incentivize water conservation.</li> <li>W-1.3. Continue to enforce the City's Wasteful Water Use Prohibition Ordinance.</li> </ul>	Energy Efficiency and Conservation Strategy, Solano County Climate Action Plan (Public Review Draft)
W-2	Development Standards for Water Conservation Require water conservation.	<ul> <li>W-2.1. Require all new buildings to install individual water meters for each tenant space projected to consume more than 100 gallons per day.</li> <li>W-2.2. Require new facilities with 1,000 to 5,000 square feet of irrigated landscaped space to provide an additional water meter for landscaping uses.</li> <li>W-2.3. Reduce indoor potable water consumption by 30% (Tier 1 CALGreen) and outdoor landscaping water use by 40%.</li> <li>W-2.4. Revise development standards to ensure the use of greywater, recycled water, and rainwater catchment systems are allowed in all zones.</li> <li>W-2.5. Require new development to treat at least 40% of the average annual rainfall on-site through low impact development strategies.</li> <li>W-2.6. Require a minimum of 20% of the total parking, walkway, and porch area surfaces serving single-family and multi-family residential</li> </ul>	CALGreen

Topic Area		Implementation Action(s)	Source
Measure			
W-3	Recycling and Composting Efforts Support waste diversion through composting and recycling programs.	<ul> <li>W-3.1. Collaborate with CalRecycle and VALCORE Community Recycling to continue to host recycling and composting workshops and to disseminate information.</li> <li>W-3.2. Provide links to information on composting and VALCORE composting services and classes on the City's website and other appropriate venues.</li> <li>W-3.3. Prepare a list of GHG-reducing best practices for material management to be considered during the solid waste franchise selection process and applicable City permit processes for major development projects.</li> </ul>	Energy Efficiency and Conservation Strategy, CAPCOA
W-4	Development Standards for Recycling and Composting Require waste diversion and the use of recycled materials in new development.	<ul> <li>W-4.1. Propose adoption of a Construction/Demolition Waste Reuse and Recycling Ordinance that requires the diversion of at least 65% of construction and demolition waste from landfills.</li> <li>W-4.2. Support the development of additional markets for recycled content products by requiring new developments to include recycled content materials at a minimum of 10% of total materials.</li> </ul>	CAPCOA, CALGreen
Off-Road Ec	uipment (OR)		
Reduce GHC	G emissions from off-road equipr	nent use in Vallejo.	
OR-1	Lawn & Garden Equipment Encourage the use of electrified and higher- efficiency lawn and garden equipment.	<ul> <li>OR-1.1. Support BAAQMD's efforts to re-establish a voluntary exchange program for residential lawnmowers and backpack-style leaf blowers.</li> <li>OR-1.2. Require new buildings to provide electrical outlets on the exterior in an accessible location to charge electric-powered lawn and garden equipment.</li> <li>OR-1.3. Encourage the replacement of high-maintenance landscapes (like grass turf) with native vegetation to reduce the need for gaspowered lawn and garden equipment.</li> </ul>	BAAQMD, CAPCOA

Topic Area		Implementation Action(s)	Source
Measure OR-2	Construction Equipment Reduce emissions from heavy-duty construction equipment by limiting idling and utilizing cleaner fuels, equipment, and vehicles.	<ul> <li>OR-2.1. Idling times will be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]), or less. Clear signage will be provided at all access points to remind construction workers of idling restrictions.</li> <li>OR-2.2. Construction equipment must be maintained per manufacturer's specifications.</li> <li>OR-2.3. Planning and Building Staff will work with project applicants to limit GHG emissions from construction equipment by selecting one of the following measures, at a minimum, as appropriate to the construction project: <ul> <li>a. Substitute electrified equipment for diesel- and gasoline-powered equipment where practical.</li> <li>b. Use alternatively fueled construction equipment on-site, where feasible, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane, or biodiesel.</li> <li>c. Avoid the use on on-site generators by connecting to grid electricity or utilizing solar-powered equipment.</li> <li>d. Limit heavy-duty equipment idling time to a period of 3 minutes or less, exceeding CARB regulation minimum requirements of 5 minutes.</li> </ul> </li> </ul>	BAAQMD, CAPCOA
Adaptation	• •		
A-1		ate change effects through adaptation and preparation.	Vallaia Warkshan
A-1	<b>Regional Coordination</b> Participate in regional	A-1.1. Join regional adaptation and resiliency task forces such as that of the San Francisco Bay Area Conservation and Development	Vallejo Workshop
		· · ·	
	efforts to analyze and	Commission (BCDC) and the Joint Policy Committee (JPC).	
	prepare for the impacts of	A-1.2. Appoint a staff liaison to attend and participate in regional	
	climate change in the Bay	meetings focusing on adaptation and resilience and to report to staff	
	Area.	on a regular basis.	

<b>Topic Area</b> Measure	1	Implementation Action(s)	Source
A-2	<b>Preparedness</b> Ensure that Vallejo is prepared for potential environmental risks and hazards related to climate change, with a special emphasis on vulnerable populations.	<ul> <li>A-2.1. Regularly train , inform, and solicit feedback from the City's</li> <li>Fire and Police departments on potential climate change risks and hazards.</li> <li>A-2.2. Revise City Hazard Mitigation Plans and other applicable documents such as long-range capital improvement plans to address climate change issues and best practices during required updates and as funding permits.</li> <li>A-2.3. Monitor climate change science and policy and regularly inform stakeholders of new information.</li> </ul>	Vallejo Workshop
A-3	Adaptation Mainstreaming Integrate potential climate change impacts into local planning documents and processes.	<ul> <li>A-3.1. In development review, analyze and disclose possible impacts of climate change on the project or plan area with an emphasis on sea level rise.</li> <li>A-3.2. Integrate climate change adaptation into future updates of the Zoning Code, Building Code, General Plan, and other related documents.</li> </ul>	California Natural Resources Agency, Climate Action Strategy (December 2009), California State Hazard Mitigation Plan (Public Review Draft, 2010)