



Table of Contents

- **Air Quality**
- **Biodiversity**
- **Economy and Economic Development**
- **Energy, Climate Change and Ozone**
- **Environmental Justice**
- **Food and Agriculture**
- **Hazardous Materials**
- **Human Health**
- **Municipal Expenditures**
- **Parks, Open Space and Streetscape**
- **Public Information & Education**
- **Solid Waste**
- **Transportation**
- **Water and Wastewater**

Air Quality

Goal 1: To assure level of air quality that has no negative impact on the health of humans or the ecosystems of the natural environment.

5 Yr. 2002 Objectives:

1-1. The environmental health function of the City is staffed at a level that enables it to develop, implement, and monitor air quality objectives. **(In Progress)**

Action: 1-a. Develop participatory process to identify and plan for auto-free zones. **(Accomplished)**

1-2. City and other key decision-makers include air-quality goals when making policy choices. **(In Progress)**

Action: 1-b. Increase the use of clean-fuel vehicles. (Suggested for the private sector and city government) **(Accomplished)**

1-3. All new municipal building projects meet specifications that incorporate air-quality concerns (including specifications for the use of integrated pest management). **(In Progress)**

Action: 1-c. Reduce individual vehicle-miles traveled. (Suggested for individuals) **(In Progress)** **Action:** 1-d. Adopt a program to phase out conventionally fueled vehicles from the City fleet and investigate possibilities to replace conventionally fueled heavy equipment and public transit vehicles. **(Accomplished)**

1-4. Five to ten auto-free zones have been developed in San Francisco as model projects. **(In Progress)**

Action: INDOOR

1-5. Vehicle-miles traveled in private automobiles have been reduced by 10%. **(In Progress)**

Action: 1-e. Design publicly funded buildings with indoor-air-quality design criteria and develop incentives to encourage the private sector to use the criteria. **(In Progress)**

1-6. The City purchases only clean fueled vehicles for its fleet. **(In Progress)**

Action: 1-f. Establish a budget for and hire an indoor-air-quality coordinator. (Suggested for the Department of the Environment) **(Accomplished)**

1-7. 25% of conventionally fueled (gasoline and diesel) vehicle-miles traveled have been replaced with alternatively fueled vehicle-miles traveled. **(In Progress)**

Action: 1-g. Endorse and, as appropriate, adopt technical manuals and standards such as those issued by ASHRAE and the U.S. Green Building Council. * (Suggested for city government) Use these guidelines and incorporate new codes to assure good indoor air quality. (Suggested for the Department of Building Inspection) **(Accomplished)**

1-8. Air quality exceeds federal and state air quality standards on an ongoing basis. **(In Progress)**

1-9. Indoor air quality standards have been established for all indoor environments. **(Not Yet Started)**

Action: 1-h. Establish guidelines for purchasing low-emitting products and distribute them widely to city agencies, businesses and consumers. (Suggested for city government) **(In Progress)**

1-10. Residential and commercial buildings have modified the purchasing specifications for cleaning and maintenance products to minimize airborne toxicity. **(Not Yet Started)**

Action: 1-i. Institute stronger health-based occupational standards. (Suggested for city government) **(In Progress)**

1-11. All buildings exceed the current American Society of Heating, Refrigeration, & Air Conditioning Engineers (ASHRAE) standards for indoor air quality on an ongoing basis. **(In Progress)**

Action: EDUCATION

1-12. Engineering, architecture, design and urban planning schools include indoor and outdoor air-quality programs in their curricula. **(In Progress)**

Action: 1-j. Establish a resource center to provide public access to information on air quality and the health effects of the ingredients of common products. (Suggested for the Wallace Stegner Environmental Center at the San Francisco Public Library) **(Accomplished)**

1-13. An education syllabus on indoor and outdoor air quality is in use at 100% of the City's public and private schools. **(Not Yet Started)**

Action: 1-k. Reduce personal impact on the shared indoor environment by limiting the use of scented personal-care products. (Suggested for individuals.) **(Accomplished)**

Action: 1-l. Implement public education campaigns about: the importance of air quality and the need for research, the need to reduce dependence on automobiles, and each individual's impact on the shared indoor environment (such as airborne emissions from fragrances and cleaning and maintenance products). **(In Progress)**

Action: 1-m. Create and distribute an education syllabus on indoor and outdoor air quality for use in the schools. **(Not Yet Started)**

Action: 1-n. Implement a city-wide notification program so that the public can be informed in advance of the release of air-borne toxins, such as pesticides and roofing-tar fumes. **(In Progress)**

Goal 2: To maintain a level of air quality that prevents damage to buildings and infrastructure.

5 Yr. 2002 Objectives:

2-1. [See Objectives 1-1, 1-2, and 1-4 through 1-8] **(In Progress)**

Action: 2-a. Study research on effective policies to improve air quality done in other cities and countries and apply it to local policies and practices. **(In Progress)**

Action: 2-b. [See Actions 1-a through 1-d, 1-l and 1-m] **(In Progress)**

Goal 3: To eliminate human causes of climate change and prevent depletion of natural barriers against ultraviolet rays.

5 Yr. 2002 Objectives:

3-1. [See Objectives 1-2 and 1-4 through 1-8] **(In Progress)**

Action: 3-a. [See Actions 1-a through 1-d, 1-m and 2-a] **(In Progress)**

Goal 4. To link air quality and energy issues.

5 Yr. 2002 Objectives:

4-1. [See Objectives 1-1, 1-2, 1-11, and 1-12] **(In Progress)**

Action: 4-a. [See Actions 1-e through 1-g, and 1-m] **(In Progress)**

Goal 5. To maintain air clarity.

5 Yr. 2002 Objectives:

5-1. [See Objectives 1-4 through 1-8] **(In Progress)**

Action: 5-a. [See Actions 1-a through 1-d and 2-a] **(In Progress)**

Sustainability Plan Report Card - 03.05.03

Biodiversity

Goal 1: To achieve a greater understanding of biodiversity, its importance, how it is threatened and how to protect and restore it.

5 Yr. 2002 Objectives:

1-1. Ecology, biodiversity, stewardship concepts and hands-on activities have been integrated into curricula of all grade levels in San Francisco. **(In Progress)**

Action: 1-a. Create a San Francisco biodiversity event that involves the whole community. **(Accomplished)**

1-2. A curriculum for local biodiversity has been developed. **(Accomplished)**

Action: 1-b. Educate the public about biodiversity issues: Disseminate environmental information in parks; Create booklets and/or distribute a biodiversity newsletter; Advertise at bus shelters, libraries, and other public locations; and Use other appropriate advertising media. **(Accomplished)**

1-3. A hands-on habitat restoration program for students that uses natural areas as a framework has been developed. **(Accomplished)**

Action: 1-c. Create public forums for discussing biodiversity issues. **(Accomplished)**

1-4. Teacher-training workshops that introduce ways of integrating local natural areas into curriculum have been made accessible to all San Francisco teachers. **(In Progress)**

Action: 1-d. Develop extension courses, symposia and lectures about local biodiversity. **(Accomplished)**

Action: 1-e. Establish volunteer opportunities in which the public, the business community and students can participate. **(Accomplished)**

Action: 1-f. Provide hands-on activities, including native plant propagation, ecological monitoring, and invasive-plant removal, for resident stewardship on both private and public lands. **(Accomplished)**

Action: 1-g. Create a network of resident community groups that work toward the protection of local biodiversity. **(Accomplished)**

Action: 1-h. Expand and publicize a city naturalist program. **(Accomplished)**

Action: 1-i. Increase the discreet use of interpretive signs that describe natural features in the City's parks and natural areas. **(Accomplished)**

Action: 1-j. Educate and train in biodiversity protection all city workers involved with land management. Revise civil service tests and job descriptions as necessary to assure that those responsible for open space management are qualified to give adequate consideration to biodiversity. **(In Progress)**

Action: 1-k. Develop native plant propagation programs in schools to encourage an early appreciation of native species and their interactions. **(Accomplished)**

Action: 1-l. Develop biodiversity activity kits and other aids to biodiversity instruction for the use of teachers. **(Accomplished)**

Action: 1-m. Disseminate information about biodiversity-related education opportunities (such as lectures, classes, workshops, plant sales, education packets, and volunteer opportunities) through the development of a comprehensive resource directory. **(Accomplished)**

Goal 2: To protect and restore remnant natural ecosystems.

5 Yr. 2002 Objectives:

2-1. Biologists have been hired by the city, and relevant scientific expertise is brought to bear on projects initiated through city departments with jurisdiction over natural areas (such as the Recreation and Park Department, the Department of Public Works, and the Water Department). **(Accomplished)**

Action: 2-a. Integrate The Recreation and Park Department's Significant Natural Resource Area plans with other appropriate plans, such as those of the Golden Gate National Recreation Area, the Water Districts and the Department of Public Works. **(In Progress)**

2-2. All environment regulations are strictly enforced. **(In Progress)**

Action: 2-b. Create a bioregional council (including San Mateo County) to coordinate the stewardship of populations of organisms in a larger context. **(In Progress)**

2-3. The Significant Natural Resource Areas Management Plan has been implemented. **(In Progress)**

Action: 2-c. Identify and acquire natural-area properties. **(Accomplished)**

2-4. Regional local stewardship programs for natural areas have been established. **(Accomplished)**

Action: 2-d. Establish a system of baseline ecological monitoring of the plant and animal species of San Francisco. **(Accomplished)**

2-5. Policy 13 of the Recreation and Open Space Element of the Master Plan has been implemented. **(N/A)**

Action: 2-e. Collect scientifically valid information that will allow staff biologists to evaluate the effects of management actions on biodiversity. **(In Progress)**

2-6. A framework for monitoring management actions has been developed. **(Accomplished)**

Action: 2-f. Establish sources for the propagation of native plants from local genetic stock, for use in agency lands and for resale to individuals. **(Accomplished)**

2-7. San Francisco Public Utilities Commission watershed lands are managed to protect natural systems. **(In Progress)**

Action: 2-g. Remove the worst invasive plant species from high-priority natural areas. **(In Progress)**

2-8. Invasive plant species are continually controlled in natural areas. **(In Progress)**

Action: 2-h. Ban the sale and use of the worst invasive plants, such as French broom and pampas grass. **(In Progress)**

2-9. All city-owned natural areas are managed by a single management agency. **(N/A)**

Action: 2-i. Begin to enhance wildlife corridors, with for example: Appropriate plantings, Water, Removal of barriers, Installment of grade separations, Signs such as "Slow - Animal Crossing." **(In Progress)**

2-10. Remnant natural areas have been identified, and necessary work on their management and restoration has been prioritized. **(In Progress)**

2-11. Wildlife corridors have been identified and plans for their enhancement are in place. **(In Progress)**

Goal 3: To protect sensitive species and their habitats and support their recovery in San Francisco.

5 Yr. 2002 Objectives:

3-1. Sensitive species conservation efforts have been coordinated between city and regional groups (including local residents, environmental organizations, schools, universities, and management agencies). **(Accomplished)**

Action: 3-a. Develop a plan of action to conserve sensitive species. **(In Progress)**

3-2. Sensitive species and their habitats within the city have been identified. **(Accomplished)**

Action: 3-b. Identify extirpated species and consider possible reintroduction. **(Accomplished)**

3-3. Extirpated species that are possible candidates for reintroduction have been identified. **(Accomplished)**

Action: 3-c. [See action 1-f] **(Accomplished)**

Goal 4: To maximize habitat value in developed and naturalistic areas, both public and private.

5 Yr. 2002 Objectives:

4-1. Environmental master plans for parks, watershed lands, urban habitat corridors, and various developed urban areas have been developed. **(Not Yet Started)**

Action: 4-a. Adopt land management practices beneficial to biodiversity, such as planting vegetation with wildlife value and incorporating the needs of migrating birds. **(Accomplished)**

4-2. Municipal agencies have developed and begun implementing an integrated pest management and minimal-herbicide-use policy. **(Accomplished)**

Action: 4-b. Lobby adoption of land management practices beneficial to biodiversity by state and federal agencies. **(Accomplished)**

4-3. A network of wildlife corridors that link significant habitat areas with naturalistic areas has been identified and is being developed with appropriate plantings and other measures. **(N/A)**

Action: 4-c. Develop strategies to work with land managers, including private homeowners, to minimize the use of pesticides and herbicides and promote alternative strategies. **(Accomplished)**

4-4. Habitat areas are protected from inappropriate traffic disturbances. **(Accomplished)**

Action: 4-d. Promote the sale and availability of indigenous plants that are beneficial to wildlife. **(Accomplished)**

4-5. Wildlife-friendly landscapes are more common on public and private land. **(N/A)**

Action: 4-e. Develop a public-private partnership to expand the availability of indigenous plants. **(Accomplished)**

4-6. Sales of plants listed by the City as beneficial to wildlife, particularly those indigenous to San Francisco, have increased. **(Accomplished)**

Action: 4-f. Ban the use of invasive plants by city agencies. **(Not Yet Started)**

4-7. A city program has been developed that mitigates the impact of invasive exotic species and domestic and feral animals on indigenous plants and animals. **(N/A)**

Action: 4-g. Include sensitivity to biodiversity as part of the planning criteria for landscaping of the City's open spaces. **(Accomplished)**

Action: 4-h. Educate the public about spaying, neutering, and keeping pets indoors. **(Accomplished)**

Action: 4-i. Provide low-cost neutering. (Suggested for the City and the SPCA) **(Accomplished)**

Action: 4-j. Take potential impacts of biological control agents into account before their introduction. **(Accomplished)**

Action: 4-k. Adopt city policies to require that no pesticides, herbicides, or other materials be used without testing for safety to humans and other animals. **(Accomplished)**

Action: 4-l. Eliminate landscape work at times of year in which it might be harmful to nesting birds or other wildlife, or to native-plant reproduction. **(Accomplished)**

Goal 5. To collect, organize, develop and utilize current and historic information on habitats and biodiversity.

5 Yr. 2002 Objectives:

5-1. The collection and organization of a biological inventory of the city's natural areas and biodiversity has begun. **(Accomplished)**

Action: 5-a. Develop incentives for universities, colleges, and other higher-education groups to conduct research on San Francisco biodiversity. **(Accomplished)**

5-2. Partnerships between individuals, community groups, city agencies and institutions to share research and expertise have been developed. **(Accomplished)**

Action: 5-b. Conduct annual biodiversity audits of the City on a region-by-region basis, taking advantage of organizations already collecting such data (e.g., The Audubon Society and the California Native Plant Society), and including other organizations, such as the schools, universities, city departments and resident community groups. **(N/A)**

5-3. Ecological monitoring has been incorporated into all aspects of biodiversity planning and policy implementation. **(In Progress)**

Action: 5-c. Establish a mechanism, secure funding and identify a lead agency to ensure that data on the City's natural areas and biodiversity is collected, organized, continually updated and disseminated. **(In Progress)**

5-4. Biodiversity and natural-areas data are available to the public via the Internet and at libraries and resource centers. **(Accomplished)**

Sustainability Plan Report Card - 03.26.03

Economy and Economic Development

Goal 1: *The Whole Economy* - To create an ecologically sustainable, socially just and vibrant local economy as the basis for San Francisco's future economic prosperity, environmental health and high quality of life.

To create an economy in which all individuals have the opportunity to develop and match their talents with their productive contribution to society.

5 Yr. 2002 Objectives:

[See detailed objectives below.]

Action: 1-a. Establish a task force to plan for the transition to a sustainable economy, and to integrate San Francisco's plan with the region. **(Not Yet Started)**

Action: 1-b. Develop an action strategy to address the challenges, opportunities, roles and requirements of management in a sustainable economy. (Action suggested for a task force of business and public-sector

leaders, and management-education programs.) **(Not Yet Started)**

Action: 1-c. Create a city position to coordinate agencies and resources for the transition to a sustainable economy. **(Not Yet Started)**

Action: 1-d. Review existing city environmental guidelines and remove obstacles to the achievement of the 5-year objectives. **(In Progress)**

Action: 1-e. Capture the economic development potential of planning and implementation of a transition to a sustainable economy by marketing the goods, services, and expertise that result. **(Not Yet Started)**

Action: 1-f. Study the creation of local currency and credits and other methods to keep local dollars in the local economy. **(Not Yet Started)**

Goal 2: *Business and Jobs* - To develop an ecologically sustainable and vibrant economy that incorporates human and environmental values into commerce.

5 Yr. 2002 Objectives:

2-1. Economic development programs have increased the number of companies and the levels of employment in the multi-media, financial services, life-sciences, and tourism industries. **(In Progress)**

Action: 2-a. Develop an action strategy to attract firms and create jobs in: industries in which the City has a competitive advantage and firms in emerging environmental industries; Market the positive environmental features of the Bay Area to attract sustainable business. (Action suggested for City economic development agencies) **(Not Yet Started)**

2-2. Action strategies have been devised and implemented for the economic development of communities with below average prosperity levels. **(In Progress)**

Action: 2-b. Work together to attract business to the City. (Action suggested for all city agencies) **(In Progress)**

2-3. A study on the development of local markets for promoting sustainable business has been completed. **(Not Yet Started)**

Action: 2-c. Establish new, flexible environmental initiatives, such as brownfield redevelopment. **(In Progress)**

2-4. A sustainable tourism industry has been created in San Francisco (with minimized impacts on the environment and the City), which includes elements of interactions with sustainable development programs (education, green spaces, habitat restoration, and green industry practices). **(In Progress)**

Action: 2-d. Form and fund industry associations to advance common needs and interests. (Action suggested for local firms in emerging industries, in conjunction with city government. For example, groups such as the Environmental Media Association for the movie industry.) **(In Progress)**

Action: 2-e. Conduct a study to propose actions that will develop local markets for sustainable business. The study should produce proposals for action in the areas of city purchasing, planning, zoning, and infrastructure modification. **(Not Yet Started)**

2-5. Local currency and other mediums of exchange exist in San Francisco. **(Not Yet Started)**

Action: 2-f. Set up a sustainable business incubator program (which allows for participant feedback) and inform all small businesses in the City of the program benefits. **(Not Yet Started)**

2-6. Most business educators are familiar with worker-ownership models. Classes are available about worker-owner models and democratic control of business. **(N/A)**

Action: 2-g. Implement a strategy for the economic development of a targeted part of the community with below-average prosperity (such as the Bayview or Visitacion Valley). **(In Progress)**

Action: 2-h. Promote local entrepreneurial ventures by facilitating community development fund loans and other assistance to startup businesses. **(In Progress)**

Action: 2-i. Invest city pension funds locally. **(N/A)**

Action: 2-j. Help employees finance house-purchase down-payments for living in San Francisco (Suggested for San Francisco businesses). **(In Progress)**

Action: 2-k. Create a local currency. (Suggested for at least one neighborhood) **(Not yet started)**

Action: 2-l. Encourage labor management partnerships to improve sustainable practices, and to increase business success and effectiveness. (Suggested for business, labor and city government) **(In Progress)**

Action: 2-m. Increase the number of businesses that reuse and repair materials and products. (Suggested for the private sector) **(In Progress)**

Action: 2-n. Employ local residents, especially for emergency services (such as fire, police, and medicine). (Suggested for city government) **(N/A)**

Action: 2-o. Increase sustainable practices in the tourism and movie industries in the City. **(In Progress)**

Action: 2-p. Allow a small competitive advantage to worker-owned and cooperative businesses in municipal purchasing decisions. **(Not yet started)**

Action: 2-q. Disseminate information on the benefits of worker ownership and worker cooperatives. (Suggested for city economic development agencies) **(Not yet started)**

Green Business Practices

5 Yr. 2002 Objectives:

2-7. Sustainable development criteria, including ISO 14000 standards and green business ratings, have been established by the City. **(In Progress)**

Action: 2-r. Promote sustainable business practices collaboratively between businesses, non-profit organizations, and government through education and compliance assistance (in preference to traditional approaches of inspection and enforcement). **(In Progress)**

2-8. Financial incentives for sustainable businesses (and those that perform voluntary ISO 14000 audits) have been established, along with incentives for compliance and penalties and noncompliance with City sustainability criteria. **(Not Yet Started)**

Action: 2-s. Reward organizations that correct problems found in environmental audits (other than problems that are appropriately addressed with legal action). **(In Progress)**

2-9. A peer-review process for the implementation of green business standards for government and business organizations has been established. **(In Progress)**

Action: 2-t. Research and promote the benefits of adopting ISO 14000 standards. **(In Progress)**

2-10. The number of enterprises pursuing ISO 14000 certification has increased, and some public and private-sector enterprises have become ISO 14000-certified. **(In Progress)**

Action: 2-u. Present and publicize awards for sustainable businesses, neighborhoods, city agencies and community leaders. Also publicize booby-prizes for the worst environmental performance. **(In Progress)**

2-11. The percentage of small businesses that utilize sustainable business practices has increased. **(In Progress)**

Employment

5 Yr. 2002 Objectives:

2-12. The percentage of service-industry employees who are San Francisco residents has increased. **(Not Yet Started)**

Action: 2-v. Collaborate to assess the workforce needs of sustainable industries to design more effective curricula for the City's institutions of higher education. (Action suggested for business and educational institutions) **(In Progress)**

2-13. Employment flexibility (work hours, work at home, and time allowances for the use of public transportation) has increased. **(Not Yet Started)**

Action: 2-x. Act as a role model by: using only local contractors where possible for all services, and using and providing incentive programs for flexible employment practices. (Suggested for city government) **(In Progress)**

2-14. Sustainable jobs have increased through: A reduction in unemployment, an increase in youth employment, and an increase in the number of retired people acting as mentors to youth. **(Not Yet Started)**

Action: 2-y. Establish a program that manages the neighborhood projects and employs neighborhood residents. **(In Progress)**

2-15. Organized labor has modified its strategies for labor organizing and bargaining to base them on the conditions of a sustainable economy. **(Not Yet Started)**

2-16. One neighborhood program per year has been established that manages neighborhood projects and employs local workers. **(Accomplished)**

2-17. Apprenticeship programs have been established in secondary materials manufacturing and other more sustainable industries, such as solar cell manufacturing and production of alternative vehicles. **(Accomplished)**

Goal 3: Resource Efficiency - To use all material and energy resources with the highest possible efficiency. To shift to renewable energy as the ultimate basis for a sustainable economy.

5 Yr. 2002 Objectives:

3-1. A waste exchange has been created among city agencies for solid waste, wastewater, office furniture, computers, and other materials. **(Accomplished)**

Action: 3-a. Switch to an industrial ecology approach for industry and government planning. **(In Progress)**

3-2. The recycled content of commercial products purchased in the City has been increased to improve demand for recycled products, leading to job creation in the recycling industry. **(Accomplished)**

Action: 3-b. Research advances in materials processing to develop new strategies for resource recovery (for instance, textile-scrap uses). (Action suggested for businesses and universities) **(In Progress)**

3-3. The percentage of post-consumer recycled content in office paper purchased in the City has reached 65%. **(In Progress)**

Action: 3-c. Recruit San Francisco manufacturers that can use as raw material by-products from city industries. **(In Progress)**

3-4. The percentage of materials salvaged from the waste stream has increased. **(Accomplished)**

Action: 3-d. Act as a role model by committing to maximizing 100% recycled or reused material in all types of purchases (such as cars, building materials, and office and maintenance supplies). (Action suggested for city government) **(In Progress)**

3-5. Through the use of recycling-market development zoning, jobs and businesses in secondary-materials manufacturing have significantly increased. **(In Progress)**

Action: 3-e. Lobby state and federal governments to create labeling and packaging guidelines that follow leading-edge industry, product and international standards. **(In Progress)**

3-6. Development of renewable energy sources has been expanded. **(Accomplished)**

Action: 3-f. Provide no-cost or low-cost space at Hunter's Point and Treasure Island for sustainable industries such as waste-brokering. **(In Progress)**

Action: 3-g. Create apprenticeship programs targeting secondary materials manufacturing. **(In Progress)**

Goal 4: *The Economic Impact of Land Use - To create land uses that are adaptable to the needs of a sustainable economy and that stimulate demand for sustainable products and services.*

5 Yr. 2002 Objectives:

4-1. The City's planning and development implementing tools (the master plan, zoning code, California Environmental Quality Act implementation guidelines, and redevelopment policies) have been revised to: Eliminate barriers to and stimulate demand for sustainable landuse patterns, develop and incorporate green planning and building standards, promote neighborhood services and community-based business and job development, and support mixed-use development of home businesses, commercial enterprises, and appropriate industry. **(In Progress)**

Action: 4-a. Implement a pilot project demonstrating environmentally sustainable, community based development. **(In Progress)**

4-2. A complete portfolio of development impact fees and other mechanisms to eliminate substantial unpaid costs of development has been prepared. **(Accomplished by the RDA, In Progress Planning)**

Action: 4-b. Expand the open space maintenance fund by moving some revenues from road maintenance and by soliciting business and community donations. **(Not Yet Started)**

4-3. A program to institute community-based planning (with oversight from the Planning Commission) in every neighborhood of the City is underway. **(In Progress)**

Action: 4-c. Convert some paved areas such as streets and abandoned lots to green spaces. **(Accomplished)**

4-4. A plan for a resource- and cost-efficient, integrated, multi-modal transportation system is being implemented. **(In Progress)**

Action: 4-d. Build roof-top gardens, urban farms, and urban gardens. **(Accomplished)**

4-5. The development permitting and compliance process has been streamlined, thereby minimizing the financial and time burdens on local businesses and improving economic productivity and efficiency. **(Not Yet Started)**

Action: 4-e. Consider sustainable development zones which allow uses previously excluded (such as home businesses that ship and receive goods without unreasonable interference) **(In Progress)**

4-6. Development policies for including environmental impact mitigation on-site (such as the life-cycle analysis standards developed by the American Institute of Architects or the Green Building Council) have been developed. **(Accomplished)**

Action: 4-f. Develop zoning policies that are based on a consideration of the environmental impact of land use, and test them in a small area of the City. **(Accomplished)**

4-7. Green building standards for city zoning, planning, and building have been developed. **(In Progress)**

Action: 4-g. Limit access by gasoline-powered vehicles to designated streets to allow greater access by bicyclists and pedestrians. **(In Progress)**

4-8. A city-wide system for expanding and protecting open space has been created. **(Accomplished)**

Action: 4-h. Investigate and emulate existing green building programs, such as that developed by the City of Austin, Texas. **(In Progress)**

Action: 4-i. Revise redevelopment policies and programs to incorporate concepts of sustainability. **(In Progress)**

Action: 4-j. Restore several under-used or contaminated areas, such as Port of San Francisco properties, to natural habitat. **(In Progress)**

Action: 4-k. Redevelop underused or contaminated properties using sustainable development land-use principles. **(In Progress)**

Action: 4-l. Study the elimination of hidden and unpaid costs of development, including: modeling the economic and land use implications of various policy-change options and recommending methods for enacting proposed changes. (Action suggested for a government-university task force) **(Not Yet Started)**

Action: 4-m. Streamline development permitting and compliance. **(In Progress)**

Action: 4-n. Complete a pilot redevelopment project based on the principles of sustainable development. **(In Progress)**

Goal 5: *Community* - To distribute sustainable economic activity and housing throughout San Francisco's neighborhoods. To ensure that all community groups are employed and housed. To ensure that every neighborhood has the resources needed for a good quality of life. To ensure that sustainable economic practices are employed in the City's households. To ensure that the demand for necessary goods is met by goods created using sustainable practices.

5 Yr. 2002 Objectives:

5-1. Mixed-use, efficient, attractive, human-scale, affordable housing has been increased. **(In Progress)**

Action: 5-a. Use the approach described in the master plan to improve the City's housing stock. **(In Progress)**

5-2. The amount of open and green spaces in neighborhoods has been increased, along with the number of people employed in their maintenance. **(Accomplished)**

Action: 5-b. Give priority to city residents with the highest need for employment when recruiting for employment opportunities in green space maintenance. **(N/A)**

5-3. A citywide network of neighborhood boards has been established. **(Not Yet Started)**

Action: 5-c. Establish neighborhood boards, which have a voice in planning decisions affecting their neighborhoods, and create small-scale actions and programs for strengthening their economies. **(Not Yet Started)**

5-4. The percentage of local contractors and minority and woman-owned businesses working on publicly funded projects has increased. **(Accomplished)**

Action: 5-d. Determine the adequacy and distribution of transit service with respect to the needs of San Francisco's population. **(In Progress)**

5-5. Five co-housing projects have been built in the city, with at least 30% of their units affordable. **(Not Yet Started)**

Action: 5-e. Create tax incentives for owners of lots suitable for gardens to create more garden projects targeting the disadvantaged for employment. **(Not Yet Started)**

5-6. Recycling and composting centers employing local residents have been established in numerous locations accessible to all neighborhoods. **(In Progress)**

Action: 5-f. Fund one new project per neighborhood per year to create useful employment for local youth and elderly, homeless, rehabilitated and disabled people. These projects would be managed by the neighborhood boards and could be funded through such sources as the new environment department or federal or state block grants. **(N/A)**

5-7. Two neighborhood sustainability resource centers have been established. **(Accomplished)**

- Action:** 5-g. Implement programs to strengthen local cultural and ethnic activities. **(In Progress)**
- 5-8. The number of federal enterprise zones has been increased to seven. **(N/A)**
- Action:** 5-h. Create neighborhood sustainability resource centers and support similar projects now underway, such as that of the Haight Ashbury Neighborhood Council. **(In Progress)**
- 5-9. Household retrofits to reduce water and energy use have increased. **(In Progress)**
- Action:** 5-i. Build an affordable co-housing project. (Action suggested for city government and one of the non-profit housing developers) **(Accomplished)**
- 5-10. Purchase of green products and services has increased. **(In Progress)**
- Action:** 5-j. Provide incentives and implement other strategies to attract businesses that provide basic services (such as shopping, banking, laundry, and food service) to under-served neighborhoods. **(Not Yet Started)**
- Action:** 5-k. Increase neighborhood activities that enhance community sustainability, such as tree planting, building reuse, garden projects, and community events, and coordinate them through the sustainability resource centers. **(Accomplished)**
- Action:** 5-l. Provide information education, and resource support to worker-owned businesses. **(Accomplished)**
- Action:** 5-m. Use incentives to encourage San Francisco residency for city employees. (Suggested for city government) **(In Progress)**

Goal 6: Education - To provide the public with the skills and knowledge necessary for creating and maintaining a sustainable economy. To create a community that understands the economic and quality-of-life benefits of sustainable development. To maximize information about sustainable services and products.

5 Yr. 2002 Objectives:

- 6-1. A number of public/private partnerships for education develop class work and special seminars based on the research and development needs of business in the transition to an ecologically sustainable economy. **(Not Yet Started)**
- Action:** 6-a. Produce information for various media about the nature and benefits of ISO 14000 and other emerging environmental management approaches. **(Accomplished? NYS JAN???)**
- 6-2. Interdisciplinary environmental education has been incorporated into the public school curriculum. **(In Progress)**
- Action:** 6-b. Sponsor a series of educational events about the transition to a sustainable economy. (Action suggested for the Chamber of Commerce and other appropriate organizations) **(Not Yet Started)**
- 6-3. A magnet school with a sustainability focus has been established. **(In Progress)**
- Action:** 6-c. Publish case studies of the progress of firms that pursue ISO 14000 certification. **(Not Yet Started)**
- 6-4. A system of community-based sustainability educational information networks (which include access to job information and small support) has been created. **(In Progress)**
- Action:** 6-d. Develop a sustainability curriculum for schools. **(In Progress)**
- Action:** 6-e. Revise existing curricula to more effectively meet the workforce needs of targeted sustainable industries. (Action suggested for a joint project between business and educational institutions) **(Not Yet Started)**

Energy, Climate Change and Ozone

Goal 1: To reduce overall power use through maximizing energy efficiency.

5 Yr. 2002 Objectives:

1-1. Energy and climate change information and educational programs are available in multiple languages through schools, the media, neighborhood organizations, and work places. **(Accomplished)**

Action: 1-a. Develop outreach programs that use multiple media such as telephone books (an "energy page"), print and broadcast advertisements, and Web sites. **(Accomplished)**

1-2. Local research and other activities for energy efficiency products and services are supported and promoted. **(Accomplished)**

Action: 1-b. Establish and maintain a demonstration center for energy efficiency and renewables. **(In Progress)**

1-3. Each building's energy characteristics (such as energy use and insulation) are disclosed when it is listed for sale. **(In Progress)**

Action: 1-c. Set up a training program on principles of energy sustainability (such as Sweden's Natural Step program) which can be used in settings such as schools, businesses, public agencies, neighborhood and religious organizations, and building-trades groups. **(Not Yet Started or N/A)**

1-4. The City of San Francisco's government design departments have integrated sustainable design concepts into their operations. **(In Progress)**

Action: 1-d. Develop a course on sustainable energy and the environment to be part of the core curriculum in San Francisco public schools. (Suggested for schools) **(Not Yet Started)**

1-5. New energy-efficiency requirements that exceed California Title 24 standards by 25% have been enacted into the building code and are being enforced. **(Accomplished)**

Action: 1-e. Develop an energy efficiency hot line and Web site where people can get general information on: Insulation, windows, and other building materials; Efficient lighting; Efficient appliances and alternatives to appliances; Efficient design; Local suppliers and businesses; and Financing and rebates. **(Not Yet Started)**

1-6. Local tax policies that encourage conservation and discourage pollution and waste (such as a carbon tax) have been enacted. **(N/A)**

Action: 1-f. Develop incentives and recruit manufacturers and suppliers of energy-efficiency technologies and renewable-generation technologies to locate in San Francisco. Support these enterprises by establishing preference pricing for limited periods of time. (Suggested for city government) **(Not Yet Started)**

1-7. Low-interest financing has been made available for energy efficiency measures in all San Francisco subsidized housing projects. **(In Progress)**

Action: 1-g. Create local or regional competitions for the development of energy efficient products and services (such as the Golden Carrot refrigerator design competition). **(Not Yet Started)**

1-8. All city government energy practices are consistent with the sustainability plan. **(Not Yet Started)**

Action: 1-h. Facilitate small-business access to loan and rebate programs for energy-efficiency services. (Suggested for city government) **(Accomplished)**

1-9. Sustainable energy practices are promoted to San Francisco tourists. **(Not Yet Started)**

Action: 1-i. Lobby for state tax laws to discourage waste and encourage efficiency, such as a revenue-neutral carbon tax. **(Accomplished)**

Action: 1-j. Lobby for state and federal policies to encourage renewables and energy efficiency **(Not Yet Started)**

Action: 1-k. Design a program to provide incentives for low energy use. **(Not Yet Started)**

Action: 1-l. Make available for energy-efficiency retrofits one-third of the funds allocated to low-income energy assistance. **(N/A)**

Action: 1-m. Expand programs for installing individual meters in rental units. **(Not Yet Started)**

Action: 1-n. Establish a pilot program, modeled on that developed by the City of Phoenix, offering: prepaid energy-use meters that provide lifeline rates to those who pass a means test, and energy education for participants. **(Not Yet Started)**

Action: 1-o. Lobby the federal government to establish a practice of approving funding for low-income housing only if the housing is energy-efficient. **(Not Yet Started)**

Action: 1-p. Develop a San Francisco building energy certificate, which: discloses the previous year's energy bill, discloses major energy-related construction elements (insulation, window ratings, heating and cooling system efficiency), and requires that a copy of the certificate be available whenever a property is shown for sale. (Suggested for The Department of the Environment) **(Not Yet Started)**

Action: 1-q. Revive, strengthen and enforce time-of-sale energy efficiency ordinances (the Commercial Energy Conservation Ordinance and the Residential Energy Conservation Ordinance) for existing buildings. **(In Progress)**

Action: 1-r. Create a revenue-neutral transfer tax to provide matching funds for energy-efficiency improvements. **(Not Yet Started)**

Action: 1-s. Change the city building code to require that at least 80% of all permanent lighting fixtures in new construction and remodeling have an efficiency of 20 lumens per watt or greater. **(Not Yet Started)**

Action: 1-t. Initiate a program to increase market demand for high efficiency lighting fixtures and lamps (20 lumens per watt or greater). **(In Progress (state funded))**

Action: 1-u. Develop and implement a program of education and incentives to convert household lighting (such as porches, halls, and basements) to high-efficiency lighting. **(In Progress (state funded))**

Action: 1-v. Study and take action on issues that relate to heat-island effects. Potential actions include: Increasing ecologically appropriate vegetation and Decreasing the amount of asphalt to reduce cooling needs. **(In Progress)**

Action: 1-w. Conduct a global information campaign about San Francisco's energy successes **(Not Yet Started)**

Action: 1-x. Perform an energy efficiency audit on all public facilities and develop a plan to improve efficiency. **(In Progress)**

Action: 1-y. Establish a city policy that requires staff in municipal facilities to turn off lights and computers when not in use. **(Accomplished)**

Action: 1-z. Create a map of energy-efficient buildings in San Francisco. **(Not Yet Started)**

Action: 1-aa. Create high-visibility demonstration projects. **(Not Yet Started)**

Action: 1-bb. Establish relationships with other local governments and with research institutes for the purpose of adopting and sharing innovations. **(Accomplished)**

Action: 1-cc. Create an incentive-based program for managers of city agencies to save energy. (For example, charge PG&E retail rates for all intra-city sales of Hetch Hetchy electricity and designate a

premium over Hetch Hetchy costs to energy efficiency technologies and renewable generation technology within the City). (N/A)

Action: 1-dd. Create pools with other local governments for the purchase of energy efficiency and renewable technology products and services. An example is the program developed by the City of Boston. (N/A)

Action: 1-ee. Promote sustainable energy practices in hotels, restaurants, and other businesses, such as via the Green Hotels Association. (Not Yet Started)

Action: 1-ff. Highlight, in promotions to tourists, businesses which practice energy sustainability. (Not Yet Started)

Action: 1-gg. Encourage building construction that utilizes passive solar technology. (Not Yet Started)

Goal 2: To maintain an energy supply based on renewable, environmentally sound resources.

5 Yr. 2002 Objectives:

2-1. The permit process has been made easier for renewable-energy- generation plants and harder for non-renewable- energy- generation plants. (In Progress)

Action: 2-a. Initiate demonstration projects that use solar, wind, ocean and/or biogas as energy sources (i.e., use of methane at a wastewater treatment plant). (Accomplished)

2-2. The ratio of renewable energy use to non-renewable energy use has increased. (Accomplished)

Action: 2-b. Restore Murphy and Queen Wilhelmina Windmills in Golden Gate Park to wind operation (no motor). (In Progress)

2-3. A new renewable energy plant has been developed. (In Progress)

Action: 2-c. Investigate the possibilities for wind energy generation at sites in and around San Francisco. (Accomplished)

2-4. Muni is powered by renewable fuels. (Not Yet Started)

Action: 2-d. Initiate a pilot project to convert diesel buses to bio-diesel, biogas, fuel cells or other renewable fuels. (Accomplished)

2-5. A system that guarantees that no building is without power for more than 24 hours after a disruption has been established. (N/A)

Action: 2-e. Establish incentives for projects that increase energy resources with solar, wind, ocean, and/or biogas energy. (Not Yet Started)

Action: 2-f. Establish a simplified permit process for renewable energy systems, such as solar photovoltaics. (In Progress)

Action: 2-g. Establish solar enterprise zones in the Mission District and Bay View Hunters Point. (Not Yet Started)

Action: 2-h. Develop a solar access ordinance. (Not Yet Started)

Action: 2-i. Remove disincentives for utility buy-back of renewable energy. (Accomplished)

Action: 2-j. Increase the amount of renewable energy purchased by power marketers on the wholesale market for sale to the defined groups, such as enterprise zones. (Bulk purchasers require predictable demand to make such purchases.) (N/A)

Action: 2-k. Reduce the use of non-recyclable batteries and encourage the use of rechargeable batteries, where needed. (In Progress)

Action: 2-l. Investigate the possibilities for solar energy in San Francisco and on City-owned property. **(Accomplished)**

Goal 3: Eliminate climate-changing and ozone-depleting emissions and toxics associated with energy production and use.

5 Yr. 2002 Objectives:

3-1. CFC-based cooling and refrigeration equipment in San Francisco has been reduced by 50%. **(In Progress)**

Action: 3-a. Conduct a baseline survey of CFC-based cooling and refrigeration equipment in San Francisco. **(Not Yet Started)**

Action: 3-b. Establish a refrigerant conversion program for refrigerators, chillers, air conditioning systems. **(Not Yet Started)**

Action: 3-c. Study the opportunities and implications of a regional carbon tax. **(Not Yet Started)**

Goal 4. To base energy decisions on the goal of creating a sustainable society.

5 Yr. 2002 Objectives:

4-1. Neighborhood panels have been created to decide on neighborhood energy issues. **(In Progress)**

Action: 4-a. Extend low-income rate assistance to individual rental units. **(Not Yet Started)**

4-2. Laws encourage work-force diversity in energy industries. **(In Progress)**

Action: 4-b. Subsidize meter installation in units with low-income tenants. **(Not Yet Started)**

4-3. Energy career paths are available to everyone through training and internships **(In Progress)**

Action: 4-c. Maintain the Energy Partnership Program for low-income weatherization and energy-efficient appliance purchase. (Suggested for PG&E) **(In Progress)**

Action: 4-d. Train social service agencies to guide clients to energy subsidies and weatherization programs. **(Not Yet Started)**

Action: 4-e. Give priority to hiring San Francisco residents, particularly youth, for energy-related employment. (Suggested for city government) **(Accomplished)**

Action: 4-f. Train and employ local youth in minor home repair, weatherization and commercial efficiency programs. (Suggested for organizers of programs in every neighborhood) **(In Progress)**

Action: 4-g. Convene an energy and economic development conference among neighborhood associations and local business groups. (Suggested for city government) **(Not Yet Started)**

Action: 4-h. Convene meetings with community development corporations and neighborhood organizations to discuss: energy efficiency programs, opportunities for combining customers into bulk-purchase groups, and choosing "green" energy sources. (Suggested for city government) **(In Progress)**

Action: 4-i. Review the municipalization study (which examines shifting control over power delivery to the city) for consistency with sustainability objectives. [See note 1, following the matrix.] **(Accomplished)**

Action: 4-j. Dedicate 50% of the utility franchise fee to the promotion of energy efficiency and renewables. **(N/A)**

Action: 4-k. Change the process of choosing local Public Utilities Commission officials from appointment to election. **(N/A (?) Narrowly defeated in the previous year's (2001) election)**

Action: 4-l. Establish neighborhood energy-planning groups. **(In Progress)**

Action: 4-m. Involve neighborhood groups in the decision-making process. **(Accomplished)**

Action: 4-n. Study alternative sources and methods for financing energy efficiency opportunities (such as customer aggregation or municipalization). (Suggested for city government) [See note 1, following the matrix.] **(In Progress)**

Action: 4-o. Develop a policy to phase out the use of fossil fuels for local electricity generation. **(In Progress)**

Sustainability Plan Report Card - 02.27.03

Environmental Justice

Goal 1: To establish meaningful participation in the decision-making processes that affect historically disadvantaged communities of San Francisco.

5 Yr. 2002 Objectives:

1-1. Information about decision-making processes is made accessible in culturally and linguistically appropriate formats. **(In Progress)**

Action: 1-a. Broadly publicize meetings **(Accomplished)**

Action: 1-b. Direct outreach into all communities **(In Progress)**

Action: 1-c. Have a pool of translators and interpreters available at all times **(In Progress)**

Action: 1-d. Translate documents and agendas **(In Progress)**

Action: 1-e. Hold meetings in affected communities on a wide range of sustainability issues. **(In Progress)**

1-2. Community education about issues that affect historically disadvantaged communities and about the decision-making process is supported. **(Accomplished)**

Action: 1-a. Create an environmental resource center where residents can gain access to information about environmental hazards in their communities; also create a community-initiated system for collecting, analyzing, and disseminating information about environmental hazards in various communities. **(Accomplished)**

Action: 1-b. Ensure that information regarding present and future public policies reaches all residents of San Francisco; including disseminating information via non-traditional forums such as religious institutions, schools and community-based organizations. **(In Progress)**

Action: 1-c. Recognize and financially support urban, community-based environmental education programs. **(Accomplished)**

1-3. Decision-making bodies and processes have adequate and direct representation of affected communities. **(In Progress)**

Action: 1-a. Include proportional representation from historically disadvantaged groups in all decision-making bodies. (Candidates for these positions should be chosen by and reside in the communities they wish to represent.) **(Not Yet Started)**

1-4. All residents of San Francisco participate as equal partners at every level of decision-making processes, including planning, implementation, enforcement and evaluation. **(In Progress)**

1-5. Community awareness of policies and plans affecting the communities of San Francisco has increased. **(Accomplished)**

Goal 2: To create a vibrant community-based economy with jobs and career opportunities that allow all people economic self-determination and environmental health.

5 Yr. 2002 Objectives:

2-1. Residents of poor communities are trained in the basic and technical job skills required by new and existing sustainable businesses and industries. **(In Progress)**

Action: 2-a. Create and fund locally staffed neighborhood economic development corporations to research and develop appropriate non-polluting businesses in poor neighborhoods. **(Accomplished)**

2-2. An economic strategic plan has been developed that will appropriately place (according to resource supplies, resource needs, cultural fit, etc.) just and sustainable businesses and industries into communities within San Francisco. **(Not Yet Started)**

Action: 2-b. Provide economic and technical assistance to those businesses, such as loan programs for home-based and small businesses especially in poor neighborhoods with the concept of sustainability as a criteria for such loans. **(N/A)**

2-3. Local, state, and national sources of economic and technical business and industrial assistance have been identified and are in use. **(N/A)**

Action: 2-c. Link economic development corporations with federal programs (such as Climate Wise) that sponsor environmental assessments of existing local industries to make them more economically sound and less polluting and to cut energy and waste costs. **(Not Yet Started)**

2-4. The volume of community-based economic activity in poor communities of color has been increased from 20% to 80%. **(In Progress)**

Action: 2-d. Create an incentive program for small and large businesses and industries to meet environmental and environmental justice sustainability criteria, recognizing that sustainability is an ongoing process rather than an end goal. **(In Progress)**

2-5. The economic and environmental well-being of historically disadvantaged communities has increased to reach parity with all other communities in San Francisco, according to traditional economic and environmental indicators. **(In Progress)**

Action: 2-e. Create an incentive program for landlords and homeowners to extend accessibility to low-flow toilets, weatherization, etc. **(Accomplished)**

2-6. 25% of existing and new businesses and industries are enrolled in environmental/ environmental justice incentive programs. **(Not Yet Started)**

Goal 3: To eliminate disproportionate environmental burdens and pollution imposed on historically disadvantaged communities and communities of color.

5 Yr. 2002 Objectives:

3-1. The amount of environmental pollution affecting historically disadvantaged communities of color has been reduced by 25% **(In Progress)**

Action: 3-a. Identify communities in San Francisco that have been disproportionately burdened with environmental pollution ("EJ communities") **(Accomplished)**

3-2. The approvals process for proposed projects that have the potential to cause significant adverse environmental impact take into account: the demographics surrounding the site and the fair distribution of the burdens and benefits of such projects among the City's communities. **(In Progress)**

Action: 3-b. Through detailed and comprehensive environmental assessments, identify sources of environmental pollution affecting EJ communities and identify a quantifiable "baseline" for pollution (this "baseline" may serve as a supplement to the 1994 Environmental State of the City Report) **(In Progress)**

Action: 3-c. In partnership with local residents, establish an inter-agency task force to develop a comprehensive plan and implement pollution prevention strategies to reduce pollution in EJ communities (these could include promoting new technologies, using alternative manufacturing materials, promoting economic incentives and/or increasing enforcement and regulatory compliance). **(Accomplished)**

3-3. The percentage and amount of environmental pollution in communities in San Francisco that have been disproportionately burdened with environmental pollution ("EJ communities"); has been reduced. **(Accomplished)**

Goal 4. To create a community with capacity and resources for self-representation and indigenous leadership.

5 Yr. 2002 Objectives:

4-1. Resources have been provided and support has been given to organizations that develop indigenous leadership and community capacity in historically disadvantaged communities. **(Accomplished)**

Action: 4-a. Fund community-based organizations for leadership development activities and community organizing within historically disadvantaged communities. **(Accomplished)**

4-2. The contributions of people from diverse sectors of historically disadvantaged communities, with an emphasis on those who suffer the greatest environmental risk, are solicited and considered. **(Accomplished)**

Action: 4-b. Hire staff with first-hand understanding of historically disadvantaged communities. **(Accomplished)**

Action: 4-c. Consult with diverse sectors of historically disadvantaged communities, especially those who suffer the greatest environmental risk. **(Accomplished)**

Goal 5. To ensure that social and economic justice are established as an integral aspect of environmental well-being and sustainability.

5 Yr. 2002 Objectives:

5-1. The environmental program and project resources of all city departments shall be divided equally between: the local social and community aspects; the environmental conservation aspects of environmental problems. **(Accomplished)**

Action: 5-a. Audit current city government expenditures for environmental programs and projects based on social justice criteria such as geographic distribution within the City, emphasis on social equity goals, amount of community-based participation, and emphasis on neighborhood leadership development. **(In Progress)**

Action: 5-b. Create partnerships among local businesses, residents and city officials to reorganize city government to balance departmental activities on environmental issues equally between community activities and conservation activities. **(In Progress)**

Action: 5-c. Create partnerships among local business, residents and city officials to establish ongoing neighborhood community planning processes. **(Accomplished)**

Action: 5-d. Prepare neighborhood plans for all areas of San Francisco based on social, economic and environmental goals and on the participation of local business, residents, and city officials. **(In Progress)**

Food and Agriculture

Goal 1. To increase individual, public and private-sector participation in a sustainable food system.

5 Yr. 2002 Objectives:

1-A-1. A city-wide database of neighborhood-based sustainable agricultural resources has been established and made available to the public. **(Accomplished)**

Action: 1-A-1-a. Create an internship program for volunteers to build a public database of neighborhood-based sustainable agricultural resources. **(N/A)**

1-B-2. Effective tax and other economic incentive programs for business involvement in sustainable food system activities have been created. **(N/A)**

Action: 1-B-2-a. Allow a sustainability tax reduction on sales and property taxes for sustainable practices described by the City's Department of the Environment. **(N/A)**

1-C-1. 25% of San Francisco schools include sustainable-food/agricultural and nutrition curricula at every grade level. **(In Progress)**

Action: 1-C-1-a. Identify existing sustainable food, agriculture and nutrition curricula in San Francisco's school district. **(Accomplished)**

Action: 1-C-1-b. Create San Francisco school district policy that implements a food, agriculture and nutrition curricula teaching about regional, seasonal foods in all schools at every grade level. **(N/A)**

Action: 1-C-1-c. Ensure ongoing implementation of the curricula by the school district. **(N/A)**

1-D-1. An infrastructure that allows and encourages all food-related establishments to donate excess food to food programs that assist those in need has been established. **(Accomplished)**

Action: 1-D-1-a. Provide additional support (staff and transportation) to organizations that pick up and distribute excess food. **(N/A)**

Action: 1-D-1-b. Educate and assist food-related establishments in donating food. **Accomplished)**

Goal 2: To establish and coordinate a community-based policy and educational program to achieve a sustainable food system.

5 Yr. 2002 Objectives:

2-A-1. A regularly-convened food-policy council that promotes public and private solutions to the barriers to and deficiencies of food access for any group of San Franciscans has been established. **(Accomplished)**

Action: 2-A-1-a. Conduct periodic assessments of food access. **(Not Yet Started)**

Action: 2-A-1-b. Establish a community education program on food access issues. **(In Progress)**

Action: 2-A-1-c. Examine other municipal policies, actions and expenditures, such as transit routes, taxes, economic loan funds, zoning, housing development, for their impact on food access. **(N/A)**

Action: 2-A-1-d. Introduce legislation to create a food policy campaign to promote seasonal flavors at farmers' markets. **(N/A)**

Action: 2-A-1-e. Use seasonally available produce at food-related institutions. **(In Progress)**

Action: 2-A-1-f. Explore incentives for growers to sell seasonal foods locally. **(N/A)**

Action: 2-a-1-g. Grant permits for produce street-brokers to sell produce at locations in addition to farmers' markets. (N/A)

2-B-1. The public is less dependent on out of season food crops. (N/A)

Goal 3: To ensure access by all people at all times to enough nutritious, affordable, safe and culturally diverse food for an active, healthy life.

5 Yr. 2002 Objectives:

3-A-1. Transportation to points of sale that provide nutritious, affordable, safe and culturally diverse food has improved. (Accomplished)

Action: 3-A-1-a. Establish better and more fixed-route Muni service to enable shopping to be done with public transportation. (Accomplished)

Action: 3-A-1-b. Improve Muni and special transit services to enable people with particular transit needs to shop using public transportation. (Accomplished)

Action: 3-A-1-c. Create paratransit systems for shopping by using: Idle commuter vans; Vans owned by social service agencies; and Supermarket-funded paratransit and shopper shuttles. (N/A)

3-B-1. The number of food markets located in neighborhoods of the City (where market analysis indicates feasibility) where there is a dearth of nutritious, affordable and safe food has increased. (Accomplished)

Action: 3-B-1-a. Increase community-based participation in the design and operation of food markets by creating a community development corporation or similar entity. (Accomplished)

Action: 3-B-1-b. Explore mini-food markets in certain districts of the city; develop various market models of providing food. (Not Yet Started)

3-C-1. 10% of corner stores provide an adequate level of nutritious, affordable and safe food. (Accomplished)

Action: 3-C-1-a. Create a system for distribution of wholesale nutritious, affordable and safe food to corner stores which provides financing for inventory, capital items and technical assistance. (Accomplished)

3-D-1. A SHARE-type program is operating and serving 1,000 San Francisco households. (N/A)

Action: 3-D-1-a. Inform all San Francisco neighborhoods about SHARE and similar programs on a "Share Day." (N/A)

3-E-1. Two consumer food co-ops are operating in two San Francisco neighborhoods with the highest need. (N/A)

Action: 3-E-1-a. Secure community development funds for consumer food co-op development. (N/A)

3-F-1 Participation in Food Stamps, the School Breakfast Program and the Summer Food Program has increased by 25%. (Accomplished)

Action: 3-F-1-a. Conduct effective outreach and promotion for the federal food programs. (Accomplished)

3-G-1 Organic growers provide direct farm-to-buyer service for 5% of produce buyers. (Accomplished)

Action: 3-F-1-b. Teach eligibility workers in other public and private benefits programs serving low-income people about the federal food programs and how to enroll their clients in them. (Accomplished)

Action: 3-F-1-c. Open and operate offices at convenient locations across the city where applicants can enroll. (N/A)

Action: 3-F-1-d. Promote the use of volunteers to solicit and counsel applicants for the programs. (N/A)

Action: 3-F-1-e. Speed up the processing of applications. (N/A)

Action: 3-F-1-f. Promote organic delivery services. For example, use posters at all farmers' markets and advertise in phone books. (Not Yet Started)

Goal 4. To create, support and promote regional sustainable agriculture.

5 Yr. 2002 Objectives:

4-A-1. Three additional certified farmers' markets have been established in locations close to San Francisco residential neighborhoods. The markets enjoy greater participation from local small farmers and gardeners. (N/A)

Action: 4-A-1-a. Through existing venues, such as conferences, encourage more farmers to sell as mobile produce vendors at farmers' markets. (N/A)

Action: 4-A-1-b. Develop workshops for career counselors about the field of organic farming; promote organic farming as a career choice at career fairs, seminars and farmers' markets. (Accomplished)

Action: 4-A-1-c. Organize field trips for students to regional and organic farms. (N/A)

Action: 4-A-1-d. Assist land trusts and encourage the local, state and federal governments to set aside agricultural land close to urban fringes. (N/A)

Action: 4-A-1-e. Create exciting and attractive farmers' markets. (Accomplished)

Action: 4-A-1-f. Ensure that farmers' markets accept food stamps. (N/A)

Action: 4-A-1-g. Educate food stamp users to shop at farmers' markets. (N/A)

4-B-1. Produce purchased by government, institutions, schools, restaurants, and all food-related establishments is increasingly regionally, sustainably grown: 25% from Bay Area sources, and at least 70% from other California sources (N/A)

Action: 4-B-1-a. Educate cooking students (future chefs) about organic, regionally produced foods. (N/A)

Action: 4-B-1-b. Establish internships in programs assisting the needy to teach cooking with regionally grown foods. (Not Yet Started)

Action: 4-B-1-c. Change purchasing policies of public institutions to prioritize buying regionally and organically grown foods. (N/A)

Action: 4-B-1-d. Provide restaurants with information to promote the use of regionally grown, organic food. (Suggested for food marketers) (Not Yet Started)

4-C-1. The level of San Francisco-resident participation in Community Supported Agriculture (CSA) programs has doubled. (N/A)

Action: 4-C-1-a. Establish a CSA San Francisco (modeled after CSA West) to help establish links between Community Supported Agriculture farms and San Francisco residents. (N/A)

Goal 5. To maximize food and agricultural production within the City itself.

5 Yr. 2002 Objectives:

5-A-1. The number of community, school and residential edible-garden training projects has doubled. (In Progress)

Action: 5-A-1-a. Develop a collaborative school gardening program between the school district and non-profit organizations and/or volunteers who provide training and on-going supervision. (In Progress)

Action: 5-A-1-b. Establish demonstration farms on available land in San Francisco, such as Treasure Island, the Presidio, and any other public land (with sensitivity to the needs of native plants and wildlife). **(In Progress)**

5-C-1. All new housing projects have a dedicated amount of edible-garden space. **(N/A)**

Action: 5-C-1-a. Modify city regulations to require green spaces in housing projects. **(Not Yet Started)**

5-D-1. Tax and other economic incentives have been established for businesses and home-owners growing food using sustainable practices. **(Accomplished)**

Action: 5-D-1-a. Update city laws and regulations to allow for small-scale animal production. **(N/A)**

Action: 5-D-1-b. Sponsor programs to promote home food production. (Suggested for commercial garden centers) **(Not Yet Started)**

5-E-1. Two city orchards and backyard fruit trees produce fruit for the City's consumption. **(N/A)**

Action: 5-E-1-a. Initiate a "fruit-tree in every yard" campaign for San Francisco backyards. **(N/A)**

Action: 5-E-1-b. Initiate a city orchard program with non-profit organizations and schools, which will include the use of appropriate space in public parks and other public land. **(N/A)**

5-F-1. The amount of honey consumed that is produced in SF is doubled. **(Accomplished)**

Action: 5-F-1-a. Identify appropriate locations and promote beekeeping in large parks and public open-space areas, including San Francisco watershed lands. **(Accomplished)**

Action: 5-F-1-b. Ensure greater populations of pollinators by planting appropriate larvae food vegetation where possible and in harmony with the needs of natural areas (in home gardens, public parks, public land). **(Accomplished)**

5-G-1. 50% of all vacant land not appropriate for biodiversity refuge has become utilized for productive purposes. **(N/A)**

Action: 5-G-1-a. Identify and make available for edible gardens appropriate vacant space (temporary or permanent). **(Not Yet Started)**

Action: 5-G-1-b. Identify and catalogue all public vacant properties for ecological purposes, including greenhouse and food producing activities. **(Not Yet Started)**

Action: 5-G-1-c. Donate vacant land to non-profit organizations for gardening projects. (Suggested for corporations) **(Not Yet Started)**

Action: 5-G-1-d. Amend the City Charter to allow for the discounted sale of unused or other city properties to non-profit organizations for community-based food-related projects. **(Not Yet Started)**

5-H-1. Dynamic public/private partnerships to maintain those public land areas dedicated to food production have been created. **(Not Yet Started)**

Action: 5-H-1-a. Introduce fish and other aqua-culture projects; establish a harvesting program. **(N/A)**

Action: 5-H-1-b. Identify appropriate crops, such as apples, for city-wide production quotas. **(N/A)**

Action: 5-H-1-c. Establish a master gardener and home economist food and agriculture program in San Francisco. **(Accomplished)**

Action: 5-H-1-d. Establish a Cooperative Extension Office for County of San Francisco. **(In Progress)**

Goal 6: To recycle all organic residuals, eliminate chemical use in agriculture and landscaping and use sustainable practices that enhance natural biological systems throughout the City.

5 Yr. 2002 Objectives:

6-A-1. 25% of agricultural and food organic residuals are composted or recycled and used as nutrient-value product for agriculture or food production, where appropriate. **(Accomplished)**

Action: 6-A-1-a. Establish an infrastructure that allows and encourages all residential, commercial and public organic residual producers to recycle their residuals. **(In Progress)**

Action: 6-A-1-b. Establish a city-wide collection program for food and agricultural residuals and process them into compost or other agricultural products. **(In Progress)**

Action: 6-A-1-c. Enact and enforce building code regulations that require food recycling facilities in all San Francisco food-related establishments. **(Not Yet Started)**

Action: 6-A-1-d. Provide city-generated compost and other organic soil amendments to all city schools and community gardens for food production and garden projects (and to general public if supplies are sufficient). **(In Progress)**

6-B-1. All city departments use organic amendments in landscaping projects. **(Accomplished)**

Action: 6-B-1-a. Evaluate and develop markets for compost and other organic residual products, with a priority of in-city markets. **(In Progress)**

Action: 6-B-1-b. Develop or modify policies, laws and regulations to encourage or require the use of compost and other organic amendments in all public agencies and publicly-financed projects. **(In Progress)**

Action: 6-B-1-c. Develop and implement economic and/or tax incentives for the commercial and residential sectors which recycle food residue and/or use compost and other organic amendments. **(Accomplished)**

Action: 6-B-1-d. Create a training program assisting food-related establishments in recycling food residue. **(Accomplished)**

Action: 6-B-1-e. Establish a tax incentive for businesses that reduce their waste generation by 50%. **(Not Yet Started)**

6-C-1. The use of synthetic chemicals from non-renewable resources has been reduced in all city departments and city-funded projects, substituting sustainable practices that enhance natural biological systems. **(Accomplished)**

Action: 6-C-1-a. Modify policies, laws and regulations to require the reduction of synthetic chemical use. **(In Progress)**

Sustainability Plan Report Card - 03.05.03

Hazardous Materials

Goal 1: To minimize risks to human health and the environment by striving to eliminate hazardous materials and hazardous waste.

5 Yr. 2002 Objectives:

1. The total amount of hazardous materials stored in San Francisco has been reduced by 10% from 1995 levels. **(In Progress)**

Action: a. Create financial incentives for businesses and city departments to reduce their use and storage of hazardous materials and their generation of hazardous waste. **(In Progress)**

Goal 2: To prioritize hazardous material and hazardous waste minimization and remediation efforts toward those issues with the highest risk of danger to human and environmental health.

5 Yr. 2002 Objectives:

2. The number of options available to residents and businesses for the proper disposal of hazardous wastes is double the 1995 number. **(Accomplished)**

Action: b. Establish the following programs to manage and dispose of hazardous waste generated by residents and small businesses: curbside collection of oil, paint and batteries. Satellite collection points. Mobile collection service. Additional "one day" collection events. **(Accomplished)**

Goal 3: To ensure that the impact of hazardous materials and wastes is not felt disproportionately by any one community or segment of population.

5 Yr. 2002 Objectives:

3. The City applies the priorities set forth by the Task Force described in Action (g). to 75% of its own operations (such as city labs, hospitals, and offices). **(In Progress)**

Action: c. Requires every retail outlet for hazardous materials in San Francisco to actively provide public information about non-toxic alternatives and proper disposal of hazardous products. **(In Progress)**

Action: d. Encourage retailers to stock non-toxic alternatives to hazardous products. **(In Progress)**

Goal 4: To ensure that all decisions on hazardous material and hazardous waste issues include all communities and segments of the population.

5 Yr. 2002 Objectives:

4. A process has been established through which the public sets its priorities for elimination or reduction of hazardous materials and the cleanup of contaminated sites. **(In Progress)**

Action: e. Determine and assess the impact of known hazardous materials exposure within the San Francisco population using existing data. **(In Progress)**

Goal 5: To educate and inform the entire community, public and private sectors, about hazardous materials.

5 Yr. 2002 Objectives:

5. A system has been established for ongoing review of city regulations to insure they are addressing top priorities. **(In Progress)**

Action: f. Create a central database and mapping system identifying sites which use, store, or are contaminated by hazardous materials. **(In Progress)**

6. A standardized self-audit procedure has been established which is mandatory for businesses required to register hazardous material storage with the City and voluntary for residents and other businesses. The purpose of the audit is to provide the tools to assess the impact of operations and lifestyles on the environment, as well as to evaluate compliance with applicable regulations. **(In Progress - SFE)**

Action: g. Develop a hazardous material prioritization task force, made up of San Francisco residents, representatives of city government, and businesses, to: define the risks posed by the past and present use of hazardous materials, determine the populations most at risk of health damage due to acute and chronic exposure to hazardous materials within San Francisco. Establish or select a single hazard index that measures the relationship between hazardous materials and their impact on human health. Set priorities for the elimination of hazardous materials/wastes and remediation of contaminated sites: Among hazardous material/waste issues and risks, and with other health and welfare issues, and disseminate results. **(In Progress)**

7. An environmental safety program has been created that is focused on educating groups identified as more at-risk either because of their characteristics (for instance, children and people with suppressed immune systems) or their location (for instance, adjacent to a contaminated site). **(Accomplished)**

Action: h. Increase health care and epidemiological studies in areas disproportionately "unhealthy," focusing on sites with a high hazard index. **(In Progress)**

Action: i. Develop criteria in the City's facility-siting policy and permit- review processes to take into account any disproportionate hazardous material/waste exposure "load" on the community. **(In Progress)**

Action: j. Prepare and make available to the public a document describing the current hazardous materials/ wastes siting, zoning, and enforcement decision-making processes and the institutions involved. **(In Progress)**

Action: k. Conduct an inventory and preliminary risk evaluation of all "brownfields" (sites unused due to existing or perceived contamination) within city limits. **(In Progress)**

Action: l. Require retailers and suppliers of appropriate hazardous materials to report annual sales of those materials within San Francisco in order to determine the effectiveness of hazardous material-reduction efforts. **(Not Yet Started)**

Action: m. Develop an outreach program on alternatives to the use of hazardous materials in homes and businesses. The program should include documents in non-technical language, appropriately translated, or use symbols. Work with organizations that already provide education to target groups. target the program to: neighborhood associations, student-body councils, merchant associations, and San Francisco neighborhood emergency response team participants. **(In Progress)**

Action: n. Increase education about hazardous materials at workplaces where workers are likely to have less information (such as businesses that are exempt from Cal OSHA hazard communication requirements). **(Not Yet Started)**

Action: o. Develop a system for the public to easily identify neighborhoods and businesses that are environmentally progressive and those that are not. Possible examples include: a color-coded report card rating scheme relative to the use or sale of appropriate alternatives to hazardous materials, and signs or tags that give recognition to areas (streets, apartment complexes, business parks) that meet environmental criteria. **(In Progress)**

Action: p. Encourage local news media to designate an editor or reporter who specializes in hazardous materials. **(In Progress)**

Action: q. Develop a public education program that keeps San Francisco residents regularly informed on progress toward the objectives and actions set forth in the sustainability plan. **(In Progress)**

Action: r. Make as part of the City's contracting process the requirement that all prime- and sub-contractors properly dispose of all wastes and reduce or eliminate the use of hazardous materials to the maximum extent possible. **(In Progress)**

Action: s. Create and operate a central phone number which residents could call to report illegal disposal in San Francisco. Stencil this number on sewer catch-basins using alternative community service labor. Educate city enforcement staff (such as police and fire personnel) about the number to develop a consistent and effective response to complaints. **(In Progress)**

Human Health

Goal 1: Access to Health Care To minimize environmental factors that create health risks and illnesses.

5 Yr. 2002 Objectives:

1-1. The number of signs in multiple languages at city health facilities has increased. **(Accomplished)**

Action: 1-a. Establish an ongoing, neighborhood-based health "circle" (incorporating the views of all interested local residents, non-governmental organizations, public agencies, and businesses) to identify significant health problems, prescribe corrective measures, and set up a timetable for achieving goals. **(In Progress)**

1-2. A diverse population of health-care professionals that reflects the community they serve has been recruited. **(Accomplished)**

Action: 1-b. Ensure that health care providers reflect the population served by: Increasing internship opportunities at health care facilities, in recruitment and in hiring; and Establishing hiring policies that result in staffs that reflect the population served. **(Suggested for health-care providers) (Accomplished)**

1-3. Financial barriers to clinical preventive services have been eliminated (through improvements in financing and delivery of screening, counseling, and immunization services). **(Accomplished)**

Action: 1-c. Expand education about and respect for nuances of diverse cultural practices, customs, and beliefs. **(Suggested for health-care providers) (Accomplished)**

1-4. Access to mental health services has been improved: Publicly-funded hospital days for mental illness has been reduced to 210 days per 1,000 persons. No less than 15% of persons eligible for public mental health services receive non-hospital services. The rate of involuntary detentions of mentally ill persons in danger to self or others or gravely disabled will not exceed 12 detentions per 1,000 persons. (#1 - Accomplished (SF = 48.73 Note: Does not include Medicare data) #2 - In progress (SF = 3% if eligible defined as all SF residents) #3 - In progress (SF = 27.76 in FY 01-02))

Action: 1-d. Provide interpreters and public information material in different languages. **(Accomplished)**

1-5. The proportion of all pregnant women who receive prenatal care in the first trimester has increased to 90%. (SF = 79; CA 75) **(In progress (SF = 86% in 2000))**

Action: 1-e. Provide public advocacy and ombudsman services for those who do not have access to such services. **(N/A for DPH Check with mayor's office)**

1-6. The proportion of low-birth-weight infants has been reduced to no more than 5% of live births. (SF = 7, CA = 6) **(In progress (SF = 6.4))**

Action: 1-f. Enforce the standards set out in the Americans with Disabilities Act for building accessibility at health-care facilities. **(In Progress)**

1-7. Infant mortality in all segments of the community has been reduced to no more than 7 per 1000 live births. (SF = 7, with a range of 5-16) (The conditions described in items 1-6 and 1-7 are usually the result of inadequate prenatal care.) **(Accomplished (SF = 4.9, with a range of 3.1 - 13.3))**

Action: 1-g. Publish pamphlets of all existing medical transportation services, rates, and time-schedules, including Muni wheelchair routes and time schedules. **(N/A)**

1-8. At least 80% of Medi-Cal and low-income (up to 200% of poverty) children receive periodic "well" exams as defined by Federal/State Early Periodic Screening Diagnosis and Treatment (EPSDT) guidelines. **(In Progress)**

Action: 1-h. Expand coverage of alternative medical options. **(Suggested for providers of employee health insurance programs) (In Progress)**

1-9. Access to alternative forms of medical treatment has been greatly increased. **(Not Yet Started)**

Action: 1-i. Provide a minimum "safety net" for under-insured and uninsured residents of San Francisco. **(Accomplished)**

Action: 1-j. Provide fair access to medical equipment for all San Franciscans through low-cost rental services. **(Accomplished (DPH pays for medical equipment for the medically indigent. Medi-Cal covers**

for those eligible.))

Action: 1-k. Prescribe low-cost, generic drugs for all San Franciscans. (Suggested for health care providers.) (In Progress)

Action: 1-l. Create and distribute a multi-lingual directory of available health care resources and low-cost medical equipment rental programs. (In Progress)

Action: 1-m. Create a reuse program for medical equipment, infant car seats, and other reusable medical products. (In Progress)

Goal 2: *Illness Prevention and Wellness* - To promote personal and community responsibility in maintaining a healthy lifestyle in both public and private arenas that minimizes damage to non-human parts of the ecosystem. *Infectious Disease* - To promote adequate health care access for all.

5 Yr. 2002 Objectives:

2.1 The proportion of schools with preventive health-care training has increased, specifically: Elementary and secondary schools that provide planned and sequential in kindergarten through 12th grade quality school health education. Post-secondary institutions with institution-wide health promotion programs for students, faculty, and staff. (In Progress)

Action: 2-a. Establish more diagnostic testing clinics, public education campaigns, and "healthy neighborhood" fairs, for all the City's communities. (In Progress)

Goal 2: *Infectious Disease* - To promote adequate health care access for all.

5 Yr. 2002 Objectives:

2-2. Hospitalizations due to asthma have been reduced to no more than 160 per 100,000 people. (SF = 178) (Asthma itself is not generally preventable, but with proper care, hospitalization is rarely necessary.) (Accomplished (SF = 160))

Action: 2-b. Administer a health census to randomly measure the self-reported health status of 500,000 people. (Not yet started)

2-3. Basic immunization among children under two years of age has increased to at least 90%. (SF = 49%; CA = 49%) (In progress (SF = 81.5%))

Action: 2-c. Educate the community on disease-prevention and wellness-promotion practices. (In Progress)

2-4. The number of births to adolescents has been reduced in all segments of San Francisco's population to no more than 50 per 1,000 adolescents. (SF: Range is from 11 to 94 depending on year and ethnic/racial group.) (Accomplished (SF = 17))

Action: 2-d. Offer and promote preventive health classes, programs and practices for members and non-members. (Suggested for health insurance companies and health-maintenance organizations) (In Progress)

2-5. There is a greater understanding among local government, residents, non-governmental organizations and businesses about the new medical field of clinical ecology, which seeks to reduce or eliminate food allergies and chemical sensitivities (particularly common among urban residents) that are specifically linked to chemical pollution, degradation of food and increased environmental stresses. (In Progress)

Action: 2-e. Increase access to educational programs addressing nutrition, exercise, and stress by extending program hours, providing more classes in more neighborhoods, increasing the safety of facilities, and increasing the diversity of programs. (In Progress)

2-6. Reduce Viral Hepatitis A to 16.1 per 100,000 people. (SF = 293; SF rate is very high and related to a great extent to large numbers of people with HIV and related illnesses.) (Accomplished (Incidence of acute hepatitis A in SF = 5.7/100,000))

- Action:** 2-f. Prevent falls among seniors through education of medical providers, senior agencies and seniors themselves on ways to make the home safer. **(In Progress)**
- 2-7. Reduce Viral Hepatitis B to 6 per 100,000 people. (SF = 71) **(Accomplished (Incidence of acute hepatitis B in SF = 5.6/100,000))**
- Action:** 2-g. Set up an incentive program for vaccinations. **(In Progress)**
- 2-8. Reduce the number of new cases of tuberculosis by 5% annually, or 30 per 100,000 people (by year 2000). (SF: 1993 = 47; CA = 17) **(Accomplished (SF = 23.4))**
- Action:** 2-h. Expand the capacity and services of family shelters. **(Accomplished)**
- 2-9. New AIDS cases have been reduced to 40 per 100,000 people. (SF: 1993-4 = 210; 1994-5 = 131) **(Accomplished (SF = 39))**
- Action:** 2-i. Expand the amount of readily accessible family planning education and support. **(In Progress)**
- 2-10. Reduce the incidence of new cases of AIDS. **(same as 2.9)**
- Action:** 2-j. Educate health care providers on environmental protection and the environmental causes of illnesses. **(In Progress)**
- 2-11. Reduce gonorrhea to an incidence of no more than 100 cases per 100,000 people. (SF = 229) **(In progress (SF = 263))**
- Action:** 2-k. Establish ongoing, neighborhood-based health circles to identify salient problems, prescribe corrective measures, and set up timetables for achieving goals, incorporating advice from all interested local residents, non-governmental organizations, public agencies, and businesses. **(same as 1-a)**
- 2-12. Chlamydia incidence has been reduced to 170 cases per 100,000 people. (SF = 298) **(In progress (SF = 387))**
- Action:** 2-l. See community garden actions in the Food and Agriculture section. **(In Progress)**
- 2-13. Syphilis incidence has been reduced: Noncongenital (adult symptomatic) syphilis infections to no more than 10 per 100,000 people. Congenital syphilis to zero. **(In progress for noncongenital syphilis (SF = 75) accomplished for congenital syphilis (SF = 0))**
- Action:** 2-m. Increase community garden space and accessibility to space. **(In Progress)**
- 2-14. The number of people using locally grown organic food has increased by 10%. **(N/A)**
- Action:** 2-n. Establish educational programs explaining the benefits of: Participation in urban farming, Using undeveloped urban land for agriculture, and Improving the soil using organic amendments. **(In Progress)**
- 2-15. Acreage in San Francisco managed by urban land trusts has increased. **(N/A)**
- Action:** 2-o. Improve San Francisco school lunches to: Increase their nutritional value with higher vitamin and fiber content from food choices, and higher mineral content by organic growing, and Decrease the amount of residual pesticides on food. **(In Progress)**
- 2-16. Dietary intake for San Franciscans has increased to 5 or more daily servings for vegetables and fruits. **(N/A)**
- Action:** 2-p. Develop techniques for cleaning contaminated property to levels safe for community gardening. **(Accomplished)**
- 2-17. Iron deficiency among children has been reduced to less than 3% **(N/A)**
- Action:** 2-q. Establish an audit to determine the accessibility of open space and community garden space. Establish an action plan for increasing accessibility to open and community garden space. **(N/A)**

2-18. Breast-feeding has increased: To at least 75% of mothers for those who breast-feed their babies in the early postpartum period, and To at least 50% of mothers for those who continue breast-feeding until their babies are 5-6 months old. (In Progress)

Action: 2-r. Promote exercise to reduce ill health and promote a healthier lifestyle. (In Progress)

Goal 2: Food and Nutrition - To create an environment for community members which maximizes their physical, spiritual, mental, and emotional health and well-being.

5 Yr. 2002 Objectives:

2-19. The proportion of parents who use feeding practices that prevent baby bottle tooth decay has increased to at least 75%. [Data for these objectives is currently available for low-income people only.] (N/A)

Action: 2-s. Increase screening and early detection for preventable degenerative diseases. (same as 1-8)

Goal 2: Preventable, Degenerative Diseases - To ensure broad access to family planning information and techniques, which not only maintains the integrity of individual families but protects the environment through minimized human population numbers.

5 Yr. 2002 Objectives:

2-17. Diabetes-related hospitalizations have been reduced to less than 8,500 per 100,000 persons. (SF = 9,010; CA = 9,017, est.) (N/A - Data unavailable)

Action: 2-t. Increase public education on the value of calcium in the diet. (In Progress)

2-18. Diabetes-related deaths have been reduced to no more than 34 per 100,000 persons. (SF = 72, est.) (Accomplished (age-adjusted diabetes death rate for SF = 14.4))

Action: 2-u. Expand programs to encourage walking and discourage driving. (In Progress)

Goal 2: Goal seems incorrect: Healthy People 2010 goal is 166. CA = 201.5

5 Yr. 2002 Objectives:

2-19. Deaths due to coronary heart disease have been reduced to no more than 100 per 100,000. (SF = 107; CA = 107) (In progress (SF = 159.2))

Action: 2-v. Expand suicide hot-line hours and the number of counselors available. (Not yet started)

2-20. Stroke deaths have been reduced to no more than 20 per 100,000 people. (SF = 30; CA = 27) (In progress (SF = 23.5))

Action: 2-w. Include workplace-related stress in surveys of the health of San Franciscans. (Suggested for managers of the City of San Francisco Health Census) (In Progress)

2-21. The incidence of death due to chronic obstructive pulmonary disease has been reduced to 25 per 100,000. (SF = 32) (In progress (SF = 33.0))

Action: 2-y. Decrease job-related stress by: Improving working conditions (including well-lit, well-ventilated, ergonomically designed workplaces, and work-breaks) Encouraging "mental health" days, and Offering employers incentives to provide stress-management classes. (In Progress)

2-22. The rate of cancer deaths has been reduced to no more than 130 per 100,000. (SF = 167; CA = 162) (Accomplished (SF = 97.1))

Action: 2-z. Establish more sex education and self-esteem programs for youths. (Accomplished)

2-23. The incidence of newly diagnosed cancer cases has been reduced to 350 per 100,000. (SF = 449; CA = 380) (In progress (SF = 416.6 for men and 337.7 for women))

Action: 2-aa. Increase access to more interpersonal skill training. (N/A)

Action: 2-bb. Provide better access to volunteer opportunities more closely tied to the community, using outreach mechanisms such as volunteer fairs. (In Progress)

Goal 2: *Mental health*

5 Yr. 2002 Objectives:

2-24. Suicide deaths have been reduced to 11 per 100,000 people. (SF = 16; CA = 11) (In progress (SF = 11.7))

Action: 2-cc. Establish more affordable individual and group counseling programs. 2-dd. Provide public education to de-stigmatize mental health problems and treatment. (N/A for 2-cc, In progress for 2-dd)

Goal 3: *Environmental Factors*

5 Yr. 2002 Objectives:

3-1. Historical and existing environmental contamination has been identified. (In Progress)

Action: 3-a. Ensure that there is a current assessment of all contaminated sites in the city. (In Progress)

3.2 Children's risk from environmental lead has been reduced: The prevalence of blood lead levels exceeding 15 micrograms per deciliter and 25 micrograms per deciliter among children aged 6 months to 5 years has been reduced to no more than 500,000 and zero, respectively. High-risk lead-exposure neighborhoods and populations have been identified. The number of children aged 6 months to 5 years receiving lead screening and counseling within high-risk neighborhoods and populations has increased. (In Progress)

Action: 3-b. Establish a database of information related to contaminated areas city-wide. (Accomplished)

3-3. The percentage of children who have blood levels of lead greater than 15 micrograms per deciliter has been reduced to zero. (SF = 4%) (In Progress)

Action: 3-c. Increase public and private community awareness of the need for recycling and reduction of toxics use in the home. (In Progress)

3-4. San Francisco's score on the report card issued by Coleman Advocates for Youth has been increased from C- (1996) to B or better. (The report card is an assessment of conditions in 45 of the City's 150 parks.) (N/A - in '01, Coleman issued report cards for 36 parks individually. Range was B to D with an average of C.)

Action: 3-d. Increase the priority given to public health consequences over economic impact in decisions on the use and disposal of chemicals. (In Progress)

Action: 3-e. Minimize local use of industrial chemicals, and encourage use of non-toxic biodegradable alternatives. (In Progress)

Action: 3-f. Decrease pollutants causing respiratory ailments. (In Progress)

Action: 3-g. Compile information on the health impacts of: routine, repeated, low-level exposure to toxic chemicals over time, and Interacting industrial chemicals and air pollution on immune functions in residents and workers subject to multiple exposures. (In Progress)

Action: 3-h. Conduct a survey of the health levels in various areas of the City; analyze the data to determine which environmental factors may contribute to the outcome. (In Progress)

Action: 3-i. Expand the number of household hazardous-waste collection days. (N/A)

Action: 3-j. Route commercial vehicles and trucks carrying hazardous materials away from neighborhoods. (In Progress)

Action: 3-k. Increase the amount of green space in San Francisco. (N/A)

Action: 3-l. Increase access to community centers and after-school programs. (N/A)

Action: 3-m. Identify measures and resources to maximize environmental clean-up and restoration. (In Progress)

Goal 3: *Public Sanitation*

5 Yr. 2002 Objectives:

3-5. The number of garbage containers stored outside which can create unsanitary conditions has been reduced by 50%. (N/A)

Action: 3-n. Find solutions to the illegal placement of garbage containers. (Suggested for businesses and enforcement agencies) (In Progress)

3-6. The number of citizen complaints regarding rodents has been reduced by 40% from 721 to 431 per year. (1995 data) (Accomplished)

Action: 3-o. Store garbage and dispose of food waste properly to reduce the number of rodents in sewers. (Suggested for businesses) (In Progress)

Goal 3: *Noise*

5 Yr. 2002 Objectives:

3-7. The mean Muni motor-coach fleet noise level has been reduced by 5 dB. (N/A)

Action: 3-p. Enforce noise emission standards for vehicles. (N/A)

3-8. Noise complaints have been reduced by 25%. (N/A)

Action: 3-q. Limit City purchase of vehicles to models with the lowest noise emissions; reduce unnecessary noise on Muni and BART vehicles. (N/A)

Action: 3-r. Increase by 10% the number of electrically powered vehicles. (N/A)

Action: 3-s. Improve the existing community noise regulation and enforcement program. (N/A)

Action: 3-t. Update the existing noise control ordinance and coordinate enforcement procedures between the Health, Police, Building, and Public Works Departments. (N/A)

Action: 3-u. Examine ways of reducing noise nuisance from car alarms. (N/A)

Action: 3-v. Increase traffic signs or signals on neighborhood streets, and install more cameras to catch red-light runners. (N/A)

Action: 3-w. Utilize more traffic-calming mechanisms, such as speed bumps, and expand the posting of speed-limit signs in all neighborhoods. (In Progress)

Goal 3: *Vehicles*

5 Yr. 2002 Objectives:

3-9. Deaths caused by motor vehicle crashes are reduced (from 8 per 100,000 people). 3-10. Hospitalization of pedestrians due to injuries by motor vehicles has been reduced by 20% (to 38 per 100,000). 3-11. The number of vehicles in violation of the State Motor Vehicle Code has been reduced by 25%. (3-9 Accomplished (SF = 6.3), 3-10 In Progress (SF = 48.8), 3-11 N/A)

Action: 3-x. Increase the availability of public transportation and increase facilities for bicycle use within the city. (In Progress)

Goal 3: *Unintentional Injuries*

5 Yr. 2002 Objectives:

3-12. Deaths due to unintentional injuries have decreased to 29 per 100,000 people. (SF = 33; CA = 28) 3-13. Non-fatal hospitalizations due to unintentional injuries have been reduced to less than 650 per 100,000 persons. 3-14. Deaths from falls and fall-related injuries have been reduced to no more than 2 per 100,000 people. (SF = 11, est.) 3-15. Hospitalizations due to injuries from falls have been reduced to 315 per 100,000 people. (SF = 351, est.; goal signifies a 10% reduction) (3-12 In Progress (SF = 29.9) 3-13 Accomplished (SF = 603.3) 3-14 In Progress (SF = 8.6) 3-15 In Progress (SF = 327.8))

Action: 3-y. Decrease air pollution by automobiles and other toxic emissions. (N/A)

Goal 4: *Substance Abuse and Violence*

5 Yr. 2002 Objectives:

4-1. The prevalence of smoking among adults has been reduced to no more than 15% of the population. (SF = 21; CA = 20) In Process (SF = 12% for Asians, 13% for Latinos, and 23% for African Americans and whites)

Action: 3-z. Reduce pedestrian injury through law enforcement, public education, city planning and intersection design (such as timing of lights) to make crosswalks safer. (In Progress)

Action: 4-1-a. Provide smoking cessation services to the diverse populations of San Francisco through direct service and promotion of a statewide smokers' help-line in six languages. (In Progress)

4-2. Smoking by teens has been reduced: Teens' smoking has been reduced to 5% of the population. Teens' susceptibility to take up smoking has been reduced to 38%. Tobacco purchases by youths have been reduced to 20%. (#1 - In Progress (According to the Youth Risk Behavioral Surveillance data from 2001, 13.3% of SF 9th - 12th graders were current smokers vs. 28.5% nationwide. #2 - Accomplished (In CA: 20.5% of teens "susceptible" in 1999) #3 - In Progress (In SF in 2003, 24% of randomly selected establishments sold tobacco to minors.))

Action: 4-1-b. Adopt policies that prohibit sponsorship of events by the tobacco industry, including art-museum and performing arts exhibits. (In Progress - While the Master Settlement Agreement has some restrictions on sponsorship nationwide, local and state ordinances banning outdoor advertising and sponsorship have been ruled unconstitutional. Several locally passed ordinances can therefore no longer be enforced.)

Action: 4-2-a. Prohibit tobacco self-service displays and require vendor-assisted sales only. (Accomplished)

4-3. Exposure to environmental tobacco has been reduced: The percentage of the population exposed to environmental tobacco smoke at work has been reduced to less than 5% (excluding bars). The percentage of children exposed to smoke at home has been reduced to 30%. (in progress)

Action: 4-2-b. Establish a local tobacco license, revocable if the retailer sells to minors. (In Progress)

Action: 4-3-a. Actively enforce Labor Code 6404.5 and Article 19F which prohibit smoking in workplaces, including restaurants. (Accomplished)

Action: 4-3-b. Pass and enforce a local ordinance prohibiting smoking in bars to protect bar workers from environmental tobacco smoke if the state law does not go into effect on January 1, 1997. (Accomplished)

4-4. The average number of tobacco ads at point-of-purchase in retail stores has been reduced by 25% (from 24 to 18 ads per store). [ref. 1] (N/A - Due to the cost and labor intensity, DPH is no longer able to collect these data. Nationally, spending on point-of-purchase advertising by tobacco companies declined 1.4% from '97 to '99.)

Action: 4-3-c. Educate parents on the health effects of environmental tobacco smoke on children. (Accomplished)

Action: 4-4-a. Prohibit outdoor and point-of-purchase advertising of tobacco and alcohol products within 2,000 feet of schools and playgrounds. (In Progress - As noted in 4-1-b, local ordinances regulating outdoor advertising of tobacco were ruled unconstitutional. A local ordinance passed in 1997 addressed this, but can no longer be enforced. Nationally, outdoor billboards (except for some small ones) are no longer allowed under the Master Settlement Agreement.)

Action: 4-4-b. Actively enforce current laws regarding signs that: Prohibit more than one-third a window's area to be covered by signs; Prohibit more than one banner sign (N/A)

Action: 4-4-c. Require a police department sidewalk encroachment permit for sandwich-board signs. (N/A)

Action: 4-4-d. Increase the number of advertisements against tobacco and drug use. (In Progress)

4-5. Substance abuse-related deaths have been reduced: To no more than 16 per 100,000 drug-caused deaths. Homeless deaths due to substance abuse (drugs and/or alcohol) have been reduced 25% to 54 annual deaths. (In Progress (SF = 30.7))

Action: 4-e. Provide lab analysis of street drugs from anonymous users to test injectable drugs for toxicity to prevent unintentional poisonings among substance abusers. (Not Yet Started)

4-6. Annual drug abuse-related hospital emergency department visits have been reduced by 20%: Heroin (from 2,133 to 1,706); Speed (from 593 to 474); Cocaine (from 1,155 to 924). (In Progress)

4-7. Alcohol-related motor vehicle deaths and injuries have been reduced by 20%. (In Progress (In SF, 8.1% of injury traffic accidents involve alcohol))

4-8. Injuries caused by alcohol-related motor vehicle crashes have been reduced to no more than 100 per 100,000 people. (SF: 1988-93 average = 127) (Accomplished (SF = 82 in 2000))

4-9. The number of people on waiting lists for publicly-funded substance abuse treatment services has been reduced by 60%. (In Progress)

4-10. The proportion of young people who have used alcohol, marijuana, and cocaine in the past month has been reduced. Alcohol/aged 12-17: 12.6%, Alcohol/aged 18-20: 29%, Marijuana/aged 18-20: 7.8%, Cocaine/aged 18-25: 2.3%. (In Progress (In Progress (In SF, from '97 to '99 among high school students: decrease of 2% who ever smoked, decrease of 4% who ever tried alcohol, decrease of 2% who ever tried marijuana, and decrease of 1% who ever tried cocaine))

Goal 4: *Violence*

5 Yr. 2002 Objectives:

4-11. Homicides have been reduced by 5% annually. (In Progress (In SF in '02 - 58 reported homicides vs. 46 in '01))

4-12. Homicides among black men aged 15-34 have been reduced to 72.4 per 100,000. (In Progress (In SF, 23.7 for all African Americans))

Action: 4-f. Set policies and implement strategies that increase the constructive use of entertainment media to de-glamorize violence and promote nonviolent social norms. (In Progress)

4-13. Aggravated assaults have been reduced to less than 550 per 100,000 people. (SF: 1993 = 600, 1989 = 644; CA: 1993 = 611, 1989 = 600.) (Accomplished (SF = 311 in 2002))

Action: 4-g. Establish a public-education campaign on the effects of institutional and cultural racism within the communities of San Francisco. [ref. 3] (In Progress)

4-14. The percentage of battered women and children who are turned away from shelter for lack of space has been reduced by 5% annually. (N/A)

Action: 4-h. Create a climate of social change that makes violence unacceptable behavior by: Including violence-related topics in public and professional education and Including violence as a public health issue addressed by the Public Health Department. [ref. 3] (In Progress)

4-15. The incidence of maltreatment of children younger than age 18 has been reduced to less than 25.2 per 1,000 children. (Accomplished (SF = 10.2 in 1996 - represents cases reported to Child Protective Services))

Action: 4-i. Increase employment opportunities and address other core problems associated with violence. [ref. 3] (N/A)

4-16. Elder abuse has been reduced by 25%. (Difficult to measure, but approximately 900 reports per year) (N/A)

Action: 4-j. Initiate a media campaign addressing sexist, racist and violent imagery. [ref. 3] (Not Yet Started)

4-17. The incidence of robberies has been reduced to less than 700 per 100,000 people. (SF: 1993 = 1,140, 1989 = 694; CA: 1993 = 398, 1989 = 355) (Accomplished (SF = 459 in 2002))

Action: 4-k. Enact local ordinances that restrict gun sales and transfer related revenue to public health purposes. (Not Yet Started)

4-18. Rape and attempted rape of women aged 12 and older has been reduced to no more than 108 per 100,000. (Accomplished (SF 29 in 2002))

Action: 4-l. Advocate for state and federal legislation that taxes gun sales and uses a percentage of the taxes for violence-prevention projects. [ref. 3] (In Progress)

4-19. The rate of hospitalizations due to self-inflicted injury has been reduced to 51 per 100,000 people. (SF = 57, est.) (Accomplished (SF = approx. 35))

Action: 4-m. Advocate on a national level for an increase in gun control. (In Progress)

4-20. The incidence of weapon-carrying by adolescents aged 14-17 has been reduced by 20%. (SF = 19%) (Accomplished (Percentage of SFUSD students who carried a weapon in past 30 days: 14.2% in 1997, 8.3% in 2001))

Action: 4-n. Increase education programs on the causes and prevention of violence. (In Progress)

4-21. Robberies have been reduced to less than 700 per 100,000 people. (SF: 1993 = 1140, 1989 = 694; CA: 1993 = 398, 1989 = 335) (Same as 4-17)

Sustainability Plan Report Card - 03.13.03

Municipal Expenditures

Goal 1: Policy - To establish a policy framework that facilitates long-term sustainability as it relates to municipal resources.

5 Yr. 2002 Objectives:

1-1. Policy-makers include long-term sustainability issues in their decision-making process. (In Progress)

Action: 1-a. Enact legislation that directs the Purchasing Department, Mayor's Office and Controller's Office to create a list of parameters for the environmental impact of technology, full-cost accounting, and resource utilization minimization. (In Progress)

Goal 1: To achieve greater efficiencies in utilization of resources by expanding the number of factors considered when purchasing products and developing capital projects.

5 Yr. 2002 Objectives:

1-2. A long-term budgeting policy promoting multi-year funding support and life cycle costing (full-cost accounting) for capital expenditures has been established. **(In Progress)**

Action: 1-b. Allow departments greater latitude for managing resources; reward departments for achieving objectives. **(Not Yet Started)**

Goal 1: To influence state government to make laws that do not conflict with San Francisco's sustainability program goals.

5 Yr. 2002 Objectives:

1-3. A lobbying program to communicate San Francisco's sustainability goals to the state government has been created. **(In Progress)**

Action: 1-c. Follow adopted guidelines in all funding contracts, leases and other agreements for goods. **In Progress)**

Goal 1: To make city departments as environmentally efficient as possible.

5 Yr. 2002 Objectives:

1-4. "Total quality management" programs (to promote sustainability) have been established in selected departments, thus creating an effective framework to motivate city employees. **(Not Yet Started)**

Action: 1-d. Utilize the fundamental principles (listed in the introduction of this section) when evaluating financial issues. (Suggested for the Budget Analyst's Office) **In Progress)**

Action: 1-e. Review the current administrative code for modifications, deletions, and additions necessary to implement sustainability goals. **(Accomplished)**

Action: 1-f. Develop multi-year budgeting for capital goods. **(In Progress)**

Action: 1-g. Promote the concept of sustainability at the State level. **(In Progress)**

Action: 1-h. Adopt procedures within "total quality management" programs that conform to adopted sustainability legislation. **(In Progress)**

Goal 2: *Education* - To promote and facilitate change in the public sector, based on the concepts of sustainability. To become leaders in setting examples of environmental initiative. To create a culture that extends to the private sector in which sustainability concepts are included routinely in business decisions.

5 Yr. 2002 Objectives:

2-1. City departments have developed information materials to promote awareness of sustainability issues. **(In Progress)**

Action: 2-a. Publicize success and inform the general public by implementing a public awareness program to publicize successful efforts to achieve sustainable practices. **(In Progress)**

2-2. Successful departmental sustainability programs have been identified. **(In Progress)**

Action: 2-b. Develop and disseminate information about effective and successful programs. **(In Progress)**

2-3. A program to educate product and service providers on the City's "green" needs has been implemented. **(In Progress)**

Action: 2-c. Create a "green vendors" list with associated products availability. (In Progress)

Goal 3: Finance - To use municipal resources to encourage people to make sustainable choices. To establish a facility maintenance program which supports sustainability concepts.

5 Yr. 2002 Objectives:

3-1. A full-cost accounting and resource efficiency procurement system which requires an evaluation of capital, maintenance and disposal costs has been established. (In Progress)

Action: 3-a. Create standard guidelines on full-cost accounting systems for departments to use when making purchasing decisions. (Suggested for the Budget Analyst's Office) (Not Yet Started)

3-2. All departments have developed a maintenance program that sustains city parks, buildings, streets and other public facilities. (In Progress)

Action: 3-b. Fund a facility maintenance program at 2% of the City's annual budget. (Not Yet Started)

3-3. Contracting procedures have been modified, enabling them to be tailored to meet the goals of the user. (In Progress)

Action: 3-c. Establish sustainability criteria. (In Progress)

Action: 3-d. Incorporate longer term thinking into directives and incentives for departmental operations. (In Progress)

Sustainability Plan Report Card - 03.19.03

Parks, Open Space and Streetscape

Goal 1: Provision of Parks, Recreation and Open Spaces - To provide parks, recreation facilities, open spaces, streetscapes, waterfronts, and shorelines for the benefit, enjoyment, health and well-being of San Francisco's residents, visitors, and wildlife and to celebrate San Francisco's unique sense of place.

5 Yr. 2002 Objectives:

1-A-1. Development of five new parks in under-served areas has begun. (Accomplished)

Action: 1-A-a. Inventory all existing parks, open spaces and recreational facilities (including lands administered by public schools, private schools, the San Francisco Water District, Caltrans, the Department of Public Works, San Francisco Port Authority, private developers, and other institutions) to: Reveal which residents cannot reach a park within a ten-minute walk. Identify opportunities to create new parks or open spaces for broad public use. Compile census data on use of habitats by wildlife and plants. Diagram linkages between parks and open spaces. (An example is the downtown pedestrian plan.) (In Progress)

1-A-2. Appropriate unused or underutilized spaces have been reclaimed for public use. (In Progress)

1-A-3. Existing pedestrian, bike and public transportation linkages to and within city-wide parks have been improved to increase accessibility to under-served areas. (Accomplished)

1-A-4. Safety issues in parks, open spaces, and recreational facilities have been identified and are being addressed. (Accomplished)

1-A-5. A community-based safety program for parks, open spaces, and recreational facilities has been implemented. (Accomplished)

Action: 1-A-b. Expand parks and recreation facilities (identified by inventory) for broader public use to create new opportunities in under-served communities. **(In Progress)**

1-A-6. Auto traffic within parks has been reduced by 25%. **(In Progress)**

Action: 1-A-c. Define what "easily accessible" means in the context of public transit travel time to citywide parks. **(Accomplished)**

Action: 1-A-d. Analyze frequency, convenience, trip length and crowding of existing transit connections between under-served neighborhoods and city-wide parks. **(MUNI OPERATIONS 923-6252 623- 6139)**

Action: 1-A-e. Propose immediate and long-term modifications to the existing public transit system to improve transit linkages to major parks, including a shuttle system to and within Golden Gate Park. **(In Progress)**

Action: 1-A-f. Create pedestrian trail linkages for the Bay Trail, San Francisco Bay Area Ridge Trail, and Juan Bautista de Anza National Historic Trail; and between major parks. **(In Progress)**

Action: 1-A-g. Designate a network of safe bike-ways connecting and within major parks. **(Accomplished)**

Action: 1-A-h. Expand the downtown pedestrian plan to include neighborhood park linkages; make the information available to the public. **(In Progress)**

Action: 1-A-i. Determine baseline statistics for crime and injury in all parks and open spaces. **(In Progress)**

Action: 1-A-j. Analyze programs (both within San Francisco and in other areas) that have successfully increased safety in parks. Assess their applicability to San Francisco and develop a program to use their experience. **(In Progress)**

Action: 1-A-k. Develop and fund a city-wide effort to improve park access for residents with all degrees of mobility. **(Accomplished)**

Action: 1-A-l. Undertake measures to reduce vandalism. **(In Progress)**

Action: 1-A-m. Analyze options and choose roadways in parks that will be closed to auto traffic or on which auto traffic will be restricted. **(In Progress)**

1-B-1. 50% of identified unsafe recreational facilities have been made usable to the public. **(Accomplished)**

Action: 1-B-a. Create community-supported, safe play areas in housing developments. **(N/A)**

1-B-2. Five recreational facilities in previously under-served neighborhoods have been added and the others have been improved. **(Accomplished)**

Action: 1-B-b. Establish a dialogue between government agencies, schools and the general public about opportunities to open school facilities for recreational purposes after regular school hours. **(In Progress)**

1-B-3. Parks with high crime rates and vandalism have safety improvements and extra services and patrols using innovative approaches to crime. **(In Progress)**

Action: 1-B-c. Develop a priority list of recreation facility needs in under-served areas. **(In Progress)**

1-C-1. Five major arteries have been newly landscaped to create safe and comfortable pedestrian, bike and transit routes connecting neighborhoods to each other and to large open spaces. **(In Progress)**

Action: 1-C-a. Work together to develop a vision and a plan for the City's streets. (Suggested for government agencies, community organizations and the public) **(In Progress)**

1-C-2. The number of street trees has been increased by 4,000 trees per year. **(In Progress)**

Action: 1-C-b. Enforce regulations against parking on sidewalks. (Suggested for Department of Parking and Traffic) **(Accomplished)**

1-C-3. Planting areas have been increased by 2,000 square feet per year. **(Accomplished)**

Action: 1-C-c. Prepare landscape plans on major streets and boulevards, including both engineered features (for instance, widening sidewalks) and planting improvements. (Suggested for Department of Public Works) **(In Progress)**

1-C-4. Streetscape improvements have been implemented on ten miles of neighborhood streets. **(In Progress)**

Action: 1-C-d. Provide information about selection, planting, and maintenance of trees and other landscape materials that are native, drought-resistant or wildlife-supporting and appropriate for streetscaping. **(Accomplished)**

1-C-5. The number of streets that have their utility lines undergrounded has doubled each year. **(N/A)**

Action: 1-C-e. Coordinate an increase in tree planting by securing additional funding or working with other organizations such as Friends of the Urban Forest. (Suggested for Department of Public Works) **(In Progress)**

1-C-6. All new business projects have a dedicated amount of green space. **(In Progress)**

Action: 1-C-f. Install flower boxes and planters. (Suggested for merchant associations and neighborhood groups) **(Accomplished)**

Action: 1-C-g. Amend the planning code to require sellers of homes to plant street trees, if trees are not already present. **(Not Yet Started)**

Action: 1-C-h. Provide new homeowners with information concerning street tree maintenance. (Suggested for the Board of Realtors) **(Not Yet Started)**

Action: 1-C-i. Plan streets to accommodate rest and respite by providing appropriate seating. **(In Progress)**

Action: 1-C-j. Enforce city regulations requiring green spaces in all business projects **(Accomplished)**

1-D-1. An additional 10% of backyards have been revegetated. **(N/A)**

Action: 1-D-a. Enforce zoning requirements concerning lot coverage and planting in front of residences. **(In Progress)**

1-D-2. A backyard wildlife sanctuary program has been developed. **(In Progress)**

Action: 1-D-b. Provide information to the public about the incorporation of diverse plantings on back-yard mid-block open spaces to reduce water and chemical use, lower maintenance costs, and increase biodiversity. **(In Progress)**

1-D-3. A "heritage tree" ordinance has been enacted that allows people to self-nominate trees on private property. **(Not Yet Started)**

Action: 1-D-c. Encourage local nurseries to provide and promote wildlife-supporting, drought-tolerant and San Francisco-native plants. **(In Progress)**

Action: 1-D-d. Establish a media campaign to promote the benefits of gardening, street trees and wildlife sanctuaries to the community. **(In Progress)**

Action: 1-D-e. Give landlords and property owners incentives to maintain, plant, and provide access for building residents to vegetated back yards. **(In Progress)**

1-E-1. Two open spaces have been converted into quiet "refuge" open spaces. **(In Progress)**

Action: 1-E-a. Identify and inventory refuge open spaces. **(Accomplished)**

1-E-2. Civic Center open space (UN Plaza, Fulton Street, and Civic Center Plaza) has been revitalized to showcase the international, cultural, ecological, and technological diversity of the City. **(In Progress)**

- Action:** 1-E-b. Develop and design guidelines for refuge open spaces. **(Accomplished)**
- 1-E-3. At least three areas have been restored in the City to natural conditions, per Policy 13. **(In Progress)**
- Action:** 1-E-c. Convert a "non-refuge" open space into a "refuge" space or develop a new refuge open space. **(Not Yet Started)**
- 1-E-4. Ten mini-parks have been converted into community gardens. **(In Progress)**
- Action:** 1-E-d. Support the restoration of open spaces to their natural condition with wildlife and plants, in coordination with existing programs. **(Accomplished)**
- Action:** 1-E-e. Promote San Francisco ecological resources to visitors. (Suggested for San Francisco Visitors and Convention Bureau) **(In Progress)**
- Action:** 1-E-f. Encourage appropriate temporary community events in a variety of open spaces, with careful management to assure a minimum of negative impact. **(Accomplished)**
- Action:** 1-E-g. Establish a community-wide process to revitalize Civic Center. **(Accomplished)**
- Action:** 1-E-h. Restore dunes at Ocean Beach and wetlands at Crissy Field. **(In Progress)**
- Action:** 1-E-i. Re-evaluate use of mini-parks based on community needs and interests. **(In Progress)**
- Action:** 1-E-j. Establish an aggressive program to create new opportunities for community gardens. **(In Progress)**
- 1-F-1. State environmental education requirements are met for all youths graduating from high school. **(In Progress)**
- Action:** 1-F-a. Add educational content to the work of volunteers and paid staff in maintaining parks. **(Accomplished)**
- 1-F-2. Where appropriate, features of open spaces are interpreted through signs and other media. **(In Progress)**
- Action:** 1-F-b. Add gardening to school activities. **(Accomplished)**
- 1-F-3. Maps showing all the natural habitat areas in San Francisco have been developed. **(Accomplished)**
- Action:** 1-F-c. Establish a program to train children and youths to act as docents of parks. **(Accomplished)**
- 1-F-4. A nature trail at Golden Gate Park with interpretive signs to teach the public about natural features has been developed (possibly the area along the chain of lakes). **(Accomplished)**
- Action:** 1-F-d. Use interpretive signs and other media in parks describing park resources; both natural and cultural. **(Accomplished)**
- Action:** 1-F-e. Develop a program about wildlife for schools. **(Accomplished)**
- Action:** 1-F-f. Promote outreach to neighborhood organizations to describe wildlife in their areas and encourage citizen participation in promotion of diverse habitat. **(Accomplished)**

Goal 2: *Maintenance* - To maintain our parks, open spaces, recreation facilities and streetscapes through practical, economic, creative and collaborative means to achieve clean, safe, inviting and inspiring spaces for people and wildlife.

5 Yr. 2002 Objectives:

- 2-1. Condition assessments have been completed for 25% of all parks, streetscapes and other open spaces to provide guidelines for reforestation, recreational uses, natural habitat preservation, horticultural maintenance, facility maintenance, and safety. Assessments involve on-site staff, specialists and neighborhood support groups. **(Accomplished)**

- Action:** 2-a. Identify recreation facilities that are currently unsafe or unusable. **(Accomplished)**
- 2-2. Effective and responsive maintenance programs have been established to provide annual maintenance for each park and recreation facility. **(Accomplished)**
- Action:** 2-b. Develop new and implement existing policies to bring biodiversity stewardship considerations into all management decisions affecting open spaces. **(In Progress)**
- 2-3. All (approx. 21,000) public street trees are inspected annually. **(N/A)**
- Action:** 2-c. Develop public-private agreements to improve San Francisco's unique and historical parks, open spaces, and street trees. **(Accomplished)**
- 2-4. 7,000 street trees are pruned and serviced annually. **(N/A)**
- Action:** 2-d. Increase staff capabilities in natural areas management in all City departments that have a relationship with parks and open spaces. **(Accomplished)**
- 2-5. Naturalist and biological capabilities of public agencies that deal with public open spaces have been expanded. **(Accomplished)**
- Action:** 2-e. Build staff volunteer coordination skills in order to incorporate volunteers into maintenance programs. **(Accomplished)**
- 2-6. IPM measures are used in park and landscape maintenance. **(Accomplished)**
- Action:** 2-f. Train gardeners, foresters and other landscape maintenance personnel in sustainable landscape guidelines. **(In Progress)**
- 2-7. Sustainable landscape guidelines are implemented. **(In Progress)**
- Action:** 2-g. Increase biological and naturalist training for staff who maintain public open spaces. **(In Progress)**
- 2-8. 150 community gardens are maintained. **(Not Yet Started)**
- Action:** 2-h. Develop legislation to reduce the feral cat population in parks. **(In Progress)**
- 2-9. Landscaping plans for all public facilities have been completed. **(In Progress)**
- Action:** 2-i. Thin, cull and replant trees to ensure a diverse forest. **(In Progress)**
- 2-10. Recreation and Parks Department staff have been trained to work with community volunteers to help with maintenance of parks and open spaces. **(Accomplished)**
- Action:** 2-j. Invite community-based agencies to assist park personnel with maintenance and management of parks, open spaces and street trees. **(Accomplished)**
- Action:** 2-k. Incorporate environmental concerns into the mission statements of those departments involved with the maintenance of public open spaces. **(Accomplished)**
- Action:** 2-l. Maximize the use of volunteers and schoolchildren as partners with maintenance personnel in parks, open spaces and streetscapes. **(Accomplished)**
- Action:** 2-m. Promote volunteer habitat restoration work parties in public open spaces. **(Accomplished)**
- Action:** 2-n. Utilize trees and plant material that will attract birds and other wildlife. **(In Progress)**
- Action:** 2-o. Maintain shrubbery and tree snags for birds. **(In Progress)**

Action: 2-p. Encourage public and private schools to participate in tree planting and maintenance programs. **(In Progress)**

Action: 2-q. Recycle and use city-generated organic material in landscape programs. **(Accomplished)**

Action: 2-r. Maximize use of gray water in landscaping. **(In Progress)**

Goal 3: *Participation* - To promote and strengthen community participation in the planning, creation, management and stewardship of our parks, open spaces, recreational facilities and streetscapes.

5 Yr. 2002 Objectives:

3-1. Public-sector commitment to park and open-space stewardship as well as recreational facility management and maintenance is expanded and formalized. **(In Progress)**

Action: 3-a. Empower neighborhood park councils/ support groups to play a strong role in the design, creation, and ongoing management of parks. **(Accomplished)**

3-2. Private-sector commitment to provide volunteers and expand participation in all aspects of park, recreation, open spaces and streetscapes has been expanded and formalized. **(In Progress)**

Action: 3-b. Provide training in volunteer management to public employees. **(Accomplished)**

3-3. A park coalition or council is operating to provide technical assistance to neighborhood park groups to: Gain access to funds and resources, assist with design and management questions, and link educational programs (such as native plant protection and habitat creation) to neighborhood parks. **(Accomplished)**

Action: 3-c. Provide flex-time for public and private employees to be able to accommodate weekend volunteer activities in public parks. **(Accomplished)**

Action: 3-d. Provide a business-tax reduction incentive for companies that donate at least 20 hours per year of volunteer time per full-time employee to work in public park and recreation facilities or provide design and professional services to neighborhood park councils. **(Not Yet Started)**

Goal 4: *Funding* - To build and improve the financial and other resources to adequately provide and maintain the quality, quantity and equitable provision of our parks, open spaces, recreation facilities and streetscapes.

5 Yr. 2002 Objectives:

4-1. Adequate city funding for basic services and maintenance has been ensured. **(N/A)**

Action: 4-a. Create a mayor's task force with representatives from all stake-holder groups to draw up an "options list" of financial solutions aimed at creating and maintaining a first-class park, recreation and streetscape program in San Francisco. **(In Progress)**

4-2. Additional private funding for improvements of parks, open spaces, streetscapes has been generated. **(Accomplished)**

Action: 4-b. Secure City endorsement and private funding for planning and implementation to revitalize Civic Center. **(Accomplished)**

4-3. A streamlined and consolidated system for site and resource utilization among city departments, including equipment pooling has been created. **(Accomplished)**

Action: 4-c. Execute a joint powers agreement between the Recreation and Park Department and the School District to utilize school sites for after-school program and community use. **(In Progress)**

4-4. Cooperation has been increased among agencies to coordinate and streamline available public funding. **(Accomplished)**

Action: 4-d. Create an equipment pool among city agencies with landscaping functions to avoid duplication and reduce costs. **(In Progress)**

4-5. An Open Space Plan reauthorization process has begun. **(In Progress)**

Action: 4-e. Create a labor pool of environmental service workers (an existing classification) to be used in gardening activities by any city agency with a landscaping function on an as-needed basis. **(Not Yet Started)**

Action: 4-f. Establish an earmarked fund for park and recreation fees with access only by the Recreation and Park Department. **(Accomplished)**

Action: 4-g. Require that a movie fee be paid to the Recreation and Park Department Fund from any movies shooting scenes of or in city parks, squares, and maintained open spaces. **(Accomplished)**

Action: 4-h. Establish neighborhood outreach to maximize the use of PG&E funds for moving utilities underground. **(N/A)**

Action: 4-i. Initiate a joint City/community-based fundraising and maintenance pilot for neighborhood parks. **(Accomplished)**

Action: 4-j. Create a vehicle for a major civic campaign to improve city park and recreation facilities to a first-class level and to endow their long-term maintenance. **(In Progress)**

Action: 4-k. Launch an outreach and education plan for renewal and possible expansion of the open space fund to be in place for voter renewal in 2004. **(Accomplished)**

Action: 4-l. Allocate 1% of the hotel tax for parks, open spaces, and street trees. **(Not Yet Started)**

Action: 4-m. Create a sports-star sponsorship campaign to encourage Bay Area sports figures and sports franchises to fund related recreation activities such as tennis, baseball, softball, soccer, and basketball. **(In Progress)**

Action: 4-n. Terminate the practice of using the Open Space Fund for maintenance of existing parks. **(Not Yet Started)**

Sustainability Plan Report Card - 02.11.03

Public Information & Education

Goal 1. To educate and motivate everyone in San Francisco to choose to live more sustainably.

5 Yr. 2002 Objectives:

1. A plan to achieve the public education goals in all other sections of San Francisco's sustainability plan has been developed. **(In Progress)**

Action: a. Conduct an outreach campaign that: explains what sustainability is in a simple and celebratory way, makes informational materials widely accessible, collaborates with the media to develop educational strategies, and includes art, culture, and innovative educational strategies. **(Not Yet Started)**

Goal 2: To impart a sense of responsibility and accountability, and an understanding of interrelationships in nature, including human culture.

5 Yr. 2002 Objectives:

2. Outreach programs that are multi-lingual and multi-culturally sensitive have been developed. **(Not Yet Started)**

Action: b. Conduct workshops on all topics in the sustainability plan for individuals, teachers, businesses, and other sectors of the community. **(In Progress)**

Goal 3: To make sustainability planning, implementation and evaluation an ongoing process in San Francisco that is adequately funded.

5 Yr. 2002 Objectives:

3. A highly visible "Green City" model with supporting outreach information that illustrates sustainable living and its short- and long-term benefits has been developed. **(Not Yet Started)**

Action: c. Make all materials and activities available to all communities. **(In Progress)**

Goal 4: To educate San Francisco consumers on options available to promote sustainability.

5 Yr. 2002 Objectives:

4. An integrated environmental curriculum is in use in all public elementary schools in San Francisco. **(In Progress)**

Action: d. Meet with community representatives to ensure that the sustainability plan and educational materials are culturally appropriate. **(Not Yet Started)**

Goal 5: To foster community investment and participation in sustainability efforts, including discussion groups, community forums, and volunteer activities.

5 Yr. 2002 Objectives:

5. Evaluation tools to measure progress and promote programs have been developed. **(Not Yet Started)**

Action: e. Seek out community venues to set up information tables and booths, including community fairs, meetings, religious institutions, PTA meetings, farmers' markets, and festivals. **(In Progress)**

6. An accessible clearinghouse of environmental information promotes volunteer networking among organizations and individuals. **(In Progress)**

Action: f. Engage the media through community and civic meetings, press conferences, press releases, and ongoing sustainability features on news programs. **(In Progress)**

7. Hands-on volunteerism has increased. **(In Progress)**

Action: g. Gather, make accessible, and publicize environmental information and curricula. **(In Progress)**

8. Guidelines and policies for public- and private-sector purchasing that reflect sustainable practices have been developed and distributed. **(In Progress)**

Action: h. Adopt an integrated environmental curriculum in the San Francisco schools that includes classroom-based and service components. **(In Progress)**

9. Guidelines and policies for individuals' purchasing that reflect sustainable practices have been developed and distributed. **(In Progress)**

Action: i. Create a working model sustainable school within the San Francisco public school system, converting an existing school building and involving students in the process. **(Accomplished)**

Action: j. Promote responsibility among members of the civic and business communities. Invite the civic and business communities to educational meetings, workshops, round-tables, and summits that provide resources for conducting business sustainably and illustrate examples of businesses' successful sustainability efforts. Hold a series of "executive briefings" for the civic and business communities on steps to achieving sustainability, for employees and employers. Meet with business representatives to encourage their participation, including corporate sponsorships, in outreach efforts. Conduct workplace-

based workshops on sustainability, for employees. **(In Progress)**

Action: k. Develop incentives for everyone to live more sustainably, including awards and recognition programs for businesses, schools, and individuals. **(In Progress)**

Action: l. Promote sustainability in existing and new public and private development projects (both housing and commercial), especially during the preliminary planning stages. **(In Progress)**

Action: m. Promote environmental service through volunteerism. **(In Progress)**

Sustainability Plan Report Card - 03.05.03

Solid Waste

Gaol 1: *Waste Generators* - To convert our waste-minded culture and attitudes to a resource-efficient ethic. To maximize sustainable uses of natural resources and to eliminate solid waste generation.

5 Yr. 2002 Objectives:

A-1. Public education programs have been expanded - targeting students, residents, workers, and visitors - demonstrating the value of natural resources and instilling a resource-efficient ethic. **(In Progress)**

Action: A-a. Continue working with homeowner associations, neighborhood groups, building managers, and recycling providers to encourage residents to recycle. (Action for city agencies) **(Accomplished)**

Action: A-b. Increase the use of hands-on environmental education in schools to promote the value of natural resources and the need for waste prevention and recycling. **(Accomplished)**

Action: A-c. Expand "shop environmentally" programs to increase consumer awareness about resource-efficient products and packaging. **(Accomplished)**

Action: A-d. Develop waste reduction training and education programs for businesses. **(Accomplished)**

Action: A-e. Educate visitors about San Francisco's recycling programs. (Action for the tourist industry) **(Accomplished)**

Action: A-f. Advertise and promote the successes of city-wide efforts to reduce disposal and increase waste reduction and recycling. (Action for the San Francisco Recycling Program) **(Accomplished)**

Action: A-g. Promote community-based programs that recycle materials, provide jobs for disadvantaged individuals, and educate residents about waste prevention. **(Accomplished)**

Action: A-h. Educate designers, architects, and contractors about resource-efficient design and building for reuse and recyclables. **(Accomplished)**

Action: A-i. Increase the use of multi-lingual educational and promotional materials that focus on waste reduction. **(Accomplished)**

B-1. Per-capita waste generation has been reduced by 50%. **(In Progress)**

Action: B-a. Increase and publicize incentives to encourage residential participation in recycling and waste-reduction programs. **(Accomplished)**

B-2. 85% of households participate in a recycling program. **(Accomplished)**

Action: B-b. Promote home composting and develop convenient composting options for apartment dwellers. **(Accomplished)**

Action: B-c. Encourage involvement in community-based composting projects such as community gardens. **(Accomplished)**

C-1. 75% of San Francisco businesses and institutions participate in a recycling program. **(Accomplished)**

Action: C-a. Increase and publicize incentives to encourage commercial participation in recycling and waste-reduction programs. **(Accomplished)**

C-2. The use of reusable products and packaging has increased. **(In Progress)**

Action: C-b. Create a refuse rate structure that encourages commercial recycling and waste reduction. **(Accomplished)**

Action: C-c. Coordinate promotional and outreach messages and technical assistance to businesses. (Action for city agencies and local business organizations such as the Bay Area Council's Environmental Committee and the Recycled Paper Coalition) **(Accomplished)**

Action: C-d. Gather and publicize success stories on how much money local businesses and institutions have saved by systematically implementing recycling and waste-reduction programs. **(Accomplished)**

Action: C-e. Promote San Francisco as a business-friendly community by: Promoting the City's Recycling Market Development Zone, Issuing business recycling awards, Gathering data and case-study information on local success stories, Working closely with local business organizations, and Offering free technical assistance, such as audits of businesses' waste streams. **(Accomplished)**

Action: C-f. Encourage suppliers to ship goods in returnable packaging. (Action for businesses and institutions) **(Accomplished)**

Action: C-g. Organize a summit between manufacturers, recyclers, and materials suppliers to discuss ways to incorporate "design for recycling" into product development. **(Accomplished)**

Action: C-h. Update The Bay Area Green Pages and promote environmentally friendly businesses. **(Accomplished)**

Action: C-i. Increase use of diaper services at institutional settings (such as hospitals and clinics). **(In Progress)**

Action: C-j. Require newspaper and magazine distributors with public boxes to recycle over-issue publications. **(In Progress)**

Action: C-k. Develop an educational program focused on fast-food packaging alternatives. **(In Progress)**

Action: C-l. Develop procurement policies that require minimal packaging, and reusable and returnable packaging. (Suggested for businesses) **(In Progress)**

Action: C-m. Develop green purchasing criteria and distribute it to businesses and institutions. (Suggested for city government) **(In Progress)**

D-1. City government purchases only paper products with an average of 50% post-consumer recycled content. **(In Progress)**

Action: D-a. Pass a resolution that calls on the City to be a model of waste reduction and recycling. **(Accomplished)**

D-2. City government diverts 60% of its current waste generation. **(In Progress)**

Action: D-b. Develop specifications for products that contain at least 50% post-consumer recycled content. (Action for City purchasing agents) **(In Progress)**

D-3. City government has increased the promotion of the City's accomplishments to the community. **(In Progress)**

Action: D-c. Create financial incentives for departments that recycle and reduce waste, including a system whereby disposal cost savings are passed through to individual departments. **(In Progress)**

D-4. All City departments participate in a recycling program. **(In Progress)**

Action: D-d. Develop a tracking system for city departments to document and quantify waste reduction. **(Accomplished)**

Action: D-e. Increase internal and external publicity and promotion of San Francisco's accomplishments in the areas of recycling, waste reduction, and recycled-product purchasing through a multi-media educational campaign. **(In Progress)**

Action: D-f. Systematically incorporate attentiveness to recycling, waste reduction, and purchase of recycled or reused products into job descriptions and performance evaluations. **(In Progress)**

Action: D-g. Organize meetings of department leaders to promote sharing of information about department accomplishments. **(In Progress)**

E-1. The volume of litter generated and materials illegally dumped in San Francisco has been reduced by 50%. **(In Progress)**

Action: E-a. Increase the enforcement of litter and illegal dumping laws. **(Accomplished)**

Action: E-b. Increase the penalties for illegal dumping, particularly of hazardous materials. **(Accomplished)**

Action: E-c. Increase the number and visibility of public trash receptacles, and increase collection frequency. **(Accomplished)**

Action: E-d. Require litter clean-up programs for public institutions and properties. **(Accomplished)**

Action: E-e. Continue school-sponsored neighborhood clean-up events. **(Accomplished)**

Action: E-f. Create a hot-line for reports of illegal dumping. **(Accomplished)**

Action: E-g. Create a reward program for those reporting illegal dumping (where the dumping is ultimately prosecuted). **(In Progress)**

Action: E-h. Expand Clean San Francisco campaigns into several languages. **(In Progress)**

Action: E-i. Expand promotions of the existing "free neighborhood cleanup" program. **(Accomplished)**

Action: E-j. Reduce litter and other negative environmental impacts from trucks transporting materials to and from the City's transfer station and other large material processing facilities; consider less-polluting alternatives to diesel recycling and refuse-hauling trucks. **(In Progress)**

Goal 2: *Materials-Handling Infrastructure*

5 Yr. 2002 Objectives:

F-1. The diversity of options for recovering materials has increased and systems have been created that make it easier to recycle. **(Accomplished)**

Action: F-1-a. Expand the variety of materials accepted for curbside recycling. **(Accomplished)**

Action: F-1-b. Ensure access by all neighborhoods to full-service recycling and reuse centers. **(Accomplished)**

Action: F-1-c. Allow small businesses to participate in the residential curbside recycling collection program. **(Accomplished)**

Action: F-1-d. Increase the availability of recycling in apartment buildings. **(Accomplished)**

Action: F-1-e. Increase salvage operations at the City's transfer station, including salvage of materials collected by the neighborhood cleanup program. **(Accomplished)**

Action: F-1-f. Provide incentives and/or subsidies for collection and processing of low-value recyclable and/or reusable materials when viable markets for these materials exist. **(Accomplished)**

Action: F-1-g. Promote and/or expand local and statewide waste exchanges. **(Accomplished)**

Action: F-1-h. Install beverage-container recycling receptacles on or next to every public trash bin (if an appropriate design can be identified). **(In Progress)**

F-2. The legal and regulatory environment promotes maximum source reduction and recovery of materials. (In Progress)

Action: F-2-a. Utilize progressive enforcement measures (education, warnings, citations) to ensure that recyclable materials are not placed in the garbage. Enforce compliance with city requirements regarding waste reduction and recycling. **(In Progress)**

Action: F-2-b. Create refuse collection and disposal rate structures and recycling fee structures that encourage waste reduction, recycling, composting and reuse. **(Accomplished)**

Action: F-2-c. Provide the City's Refuse Rate Board with the authority to regulate commercial refuse collection rates (since there is a de facto exclusive commercial refuse collection franchise). **(In Progress)**

Action: F-2-d. Consider increasing the cost to dispose of garbage, potentially through: A transfer station surcharge on disposal, A franchise fee on gross refuse-collection receipts, and/or Financing recycling program costs through refuse collection rates. (Consider and/or mitigate the impacts of any disposal rate increases on recycling and reuse businesses.) **(In Progress)**

Action: F-2-e. Consider incentives for permitted refuse haulers to reduce the tonnage of material landfilled, including linking profit margins to reductions in tonnage of material landfilled. **(Accomplished)**

Action: F-2-f. Require businesses and institutions that generate a substantial weekly volume of waste to perform a solid waste audit, consistent with ISO 14000 standards. Make renewal of business licenses contingent on performance of such an audit and development of a plan to reduce waste. (ISO 14000 standards are voluntary international standards devised by the International Standards Organization [Geneva, Switzerland] that establish environmental management system methodologies and review process.) **(In Progress)**

Action: F-2-g. Consider removing legal impediments in local regulations that restrict competition among commercial recycling service providers. **(In Progress)**

Action: F-2-h. Encourage standardized permitting and land application regulations for organic materials, including treated sewage sludge, at the state level. **(In Progress)**

Action: F-2-i. Consider requirements for retail outlets to accept packaging materials from consumers for recycling. **(In Progress)**

Action: F-2-j. Lobby to include reusable containers in California's beverage-container deposit law. **(In Progress)**

Action: F-2-k. Mandate collection of recyclables as well as garbage if economic incentives and education programs fail to achieve diversion goals. **(In Progress)**

F-3. The number, use, and awareness of repair facilities has increased. (In Progress)

Action: F-3-a. Provide funding and technical support to reuse and repair businesses. **(Accomplished)**

Action: F-3-b. Develop more jobs-skills training opportunities in repair businesses, especially for disadvantaged individuals, perhaps through high school or community college trade programs. **(In Progress)**

Action: F-3-c. Invest in development of new recycling/reuse technology (market development) **(Accomplished)**

F-4. The recovery of organic materials has increased. (Accomplished)

Action: F-4-a. Develop commercial-sector food-waste recovery programs. **(Accomplished)**

Action: F-4-b. Expand promotions of edible food recovery and redistribution programs. **(Accomplished)**

Action: F-4-c. Develop a residential yard-waste collection program. **(Accomplished)**

Action: F-4-d. Educate and provide financial incentives for landscaping contractors and other generators to recover organic material. **(Accomplished)**

Action: F-4-e. Pursue direct land application and/or co-composting of treated sewage sludge for use in soil recovery projects and other agricultural uses. **(Accomplished)**

Action: F-4-f. Support development of a statewide organics market. **(Accomplished)**

G-1. Paper purchases have decreased and the portion of those purchases that contain recycled material has increased. **(In Progress)**

Action: G-1-a. Develop a demonstration project highlighting ways to achieve a paper-efficient office. **(Accomplished)**

Action: G-1-b. Educate businesses about the availability, costs, and benefits of using recycled and alternative-fiber paper. **(Accomplished)**

Action: G-1-c. Increase the City's minimum-content requirements for recycled paper and institute options for alternative-fiber paper purchasing and use. **(In Progress)**

Action: G-1-d. Require City contractors to use recycled-content paper and other recycled products in work provided to the City. **(Accomplished)**

Action: G-1-e. Create incentives for retailers to aggressively market recycled-content products. **(In Progress)**

Action: G-1-f. Continue recycled-products vendor fairs. **(Accomplished)**

Action: G-1-g. Consider lobbying for increased postal rates for bulk mail to decrease junk mail; consider lobbying to give residents and businesses the option of blocking receipt of certain types of third-class mail **(In Progress)**

Action: G-1-h. Consider restrictions on hand-delivered advertising left on residential and commercial doorsteps. **(In Progress)**

G-2. An infrastructure that preserves the highest value of recovered paper and other materials has been created. **(In Progress)**

Action: G-2-a. Promote the value of source separation to generators of waste-paper and other discards. **(Accomplished)**

Action: G-2-b. Include non-profit organizations (such as sheltered workshops) in material-processing programs to upgrade recycled materials to their highest and best use. **(Accomplished)**

H-1. The salvage and reuse of construction and demolition materials has increased. **(Accomplished)**

Action: H-1-a. Revise local building codes to allow an increased use of salvaged materials that are structurally sound in new or remodeled buildings. **(In Progress)**

Action: H-1-b. Develop "green building" specifications, including: Resource-efficient design, Design for renovation and deconstruction, Appropriate-material selection, Space allocation for recycling, and Low-waste landscaping techniques. **(Accomplished)**

Action: H-1-c. Create a high-profile awards program which certifies that architects and contractors have achieved specified green building standards. **(In Progress)**

Action: H-1-d. Require submission of a salvage, reuse, and recycling plan to obtain a demolition or renovation permit. **(In Progress)**

Action: H-1-e. Support pilot programs that study the economics of hand-deconstruction projects. **(Accomplished)**

Action: H-1-f. Develop a building-materials reuse/recycling directory (that is, where to go to buy or sell reusable or recycled building materials). **(Accomplished)**

Action: H-1-g. For construction projects with limited space, provide permits for increased sidewalk use for recycling bins for source-separated construction materials. **(In Progress)**

Sustainability Plan Report Card - 03.05.03

Transportation

Gaol 1: To move people and goods with the most efficient use of resources.

5 Yr. 2002 Objectives:

1-1. The number of trips (including all modes, such as pedestrian, bicycle and public transit trips) into and within the City has remained constant or increased; while producing less pollution and congestion, San Franciscans' mobility has improved. An increase in the total number of person trips into and within the City will be accommodated while decreasing the number of single-occupancy vehicles. **(In Progress)**

Action: 1-1-a. Establish a Metropolitan Transportation Commission advertising budget to increase public awareness of transit options. **(Accomplished)**

Action: 1-1-b. Educate the public about the true cost of automobile use. **(Not Yet Started)**

Action: 1-1-c. Double the total funds transferred from parking taxes to Muni transit by increasing the 25% parking tax in 5% increments every year as necessary. **(In Progress)**

Action: 1-1-d. Collect the maximum amount of parking taxes legally due the City from all parking lots. **(Accomplished)**

Action: 1-1-e. Implement congestion pricing and increase bridge tolls during peak hours. Use funds for transit. **(Not Yet Started)**

Action: 1-1-f. Increase bridge tolls. Use the funds for seismic improvement of bridges and bridge approaches. **(Accomplished)**

Action: 1-1-g. Eliminate free parking for government and private employees' private automobiles. Charge for parking at the same rate as nearby private parking lots. Charge for commuter parking on city streets and in parks. **(Accomplished)**

Action: 1-1-h. Increase City gasoline taxes and lobby for increased regional gasoline taxes. Use the funds for transit. **(Accomplished)**

Action: 1-1-i. Implement "parking cash-outs," which allow commuters to chose to receive cash instead of free parking. **(In Progress)**

Action: 1-1-j. Provide adequate maintenance to improve the appearance of transit vehicles. **(Accomplished)**

Action: 1-1-k. Extend Proposition B, sales tax revenue for transportation, and increase share for transit, bicycle and pedestrian improvements. **(Accomplished)**

Action: 1-1-l. Establish firm funding for Muni operations and capital budgets, using downtown and residential transit assessment districts, a residential utility tax. and parking taxes and fees. **(In Progress)**

Action: 1-1-m. Lobby for an income-tax deduction for the cost of transit passes. **(Accomplished)**

Action: 1-1-n. Require businesses which provide free parking for customers to provide an equal benefit to those who come by other modes. **(N/A)**

Action: 1-1-o. Assess environmental impacts on transportation systems using performance measures in addition to vehicle "level of service." More sustainable measures include "person throughput," consideration of all methods of transportation, and accessibility. **(N/A)**

Action: 1-1-p. Do not increase Muni fares. **(Accomplished)**

Action: 1-1-q. Reduce the cost of Fast Passes. **(Not Yet Started)**

Action: 1-1-r. Study the impacts of providing an expanded fareless Muni service. [See note 1, following the matrix.] **(Not Yet Started)**

1-3. Bicycle use has increased by 100%. (Accomplished)

Action: 1-3-a. Adopt and implement the Bicycle Plan, including a network of contoured bicycle-priority routes using protected space. **(In Progress)**

Action: 1-3-b. Educate bicyclists and motorists with signs and outreach about the safe sharing of roadways. **(In Progress)**

Action: 1-3-c. Provide secure bicycle and roller-skate storage at transit stations. **(In Progress)**

Action: 1-3-d. Allow bicycles on all transit routes. **(Accomplished)**

Action: 1-3-e. Provide a safe bicycle way through bus and corner bulbs if necessary as part of a bicycle lane. **(Not Yet Started)**

Action: 1-3-f. Require and include incentives for businesses to provide secure parking and storage for bicycles and roller skates. **(In Progress)**

Action: 1-3-g. Reimburse staff for mileage when errands are performed by bicycle. **(N/A)**

Action: 1-3-h. Provide secure bicycle parking for recreational areas, such as beaches, parks, tourist attractions and commercial areas. **(In Progress)**

Action: 1-3-i. Encourage the development of bicycle service centers at key neighborhood and recreational sites. **(In Progress)**

Action: 1-3-j. Provide loaner bikes at key transit stations and centers. **(Not Yet Started)**

1-4. The number and enjoyment of trips made by walking has increased. [See note 2, following the matrix.] (Accomplished)

Action: 1-4-a. Widen sidewalks where required by pedestrian traffic demand. Provide a sidewalk width in all commercial areas to at least meet disabled access requirements. **(In Progress)**

Action: 1-4-b. Change traffic signals to allow pedestrians to cross at a walking pace of 2.5 feet per second. **(In Progress)**

Action: 1-4-c. Establish corner bulbs and median islands to provide a safe area for waiting for crossing signals and to shorten the time required to cross the roadway. **(In Progress)**

Action: 1-4-d. Remove sidewalk obstructions, such as newspaper racks. **(In Progress)**

Action: 1-4-e. Increase education and enforcement of "pooper scooper" laws. **(In Progress)**

Action: 1-4-f. Beautify walkways with amenities such as: more trees; outdoor eating areas; signs and flags; and more attractive, pedestrian-oriented store-fronts. **(In Progress)**

Action: 1-4-g. Enforce laws against parking on sidewalks and blocking crosswalks. **(Accomplished)**

Action: 1-4-h. Restore pedestrian crosswalks. **(N/A)**

Action: 1-4-i. Add mid-block pedestrian crosswalks on long one-way streets and, where safe, on two-way streets. **(In Progress)**

Action: 1-4-j. Increase enforcement against running red lights with cameras and more police. **(In Progress)**

Action: 1-4-k. Complete the work of making sidewalks more accessible for disabled. **(In Progress)**

Action: 1-4-l. Update the use of flashing signal lights to provide additional safety and convenience for crossing pedestrians during periods of low automobile traffic. **(In Progress)**

Action: 1-4-m. Provide a WALK signal that allows sufficient time for a pedestrian to cross safely at every signaled intersection. **(In Progress)**

Action: 1-4-n. Permanently eliminate automobile traffic on the portions of Kennedy Drive, in Golden Gate Park, that are currently closed only on Sundays. **(Not Yet Started)**

Action: 1-4-o. Increase transit service to Golden Gate Park and Presidio National Park. **(In Progress)**

1-5. Transit on-time performance has increased to 97%. **(In Progress)**

Action: *No Actions for 1-5*

1-6 Travel time for transit has been reduced by 10%. **(Accomplished)**

Action: 1-6-a. Decrease Muni trip times by: constructing bus bulbs which allow buses to pick up passengers without leaving the traffic lane; adding transit preferential streets; using timed transfers; and providing and using signal preempts. **(In Progress)**

Action: 1-6-b. Increase distances between transit stops. **(N/A)**

Action: 1-6-c. Increase the use of improved transit technology. **(Accomplished)**

Action: *No 1-6-d action

Action: 1-6-e. Use near- and far-side stops appropriately. **(Accomplished)**

Action: 1-6-f. Make transfers physically quicker and easier. **(Accomplished)**

Action: 1-6-g. Improve feeder service to trunk lines. **(N/A)**

Action: 1-6-h. Implement a proof-of-payment fare system to allow passengers to use of all doors on transit. **(In Progress)**

Action: 1-6-i. Decrease BART dwell-time at stations. **(N/A)**

Action: 1-6-j. Electrify CalTrain. **(Not Yet Started)**

Action: 1-6-k. Build grade separations for CalTrain. **(N/A)**

1-7. The efficiency of goods movement has improved, reducing delivery time by 10%. **(N/A)**

Action: 1-7-a. Increase the number and size of yellow and metered yellow curbs. **(Accomplished)**

Action: 1-7-b. Increase yellow curb enforcement. **(Accomplished)**

Action: 1-7-c. Develop a comprehensive truck route system that give trucks priority over automobiles. **(Not Yet Started)**

Action: 1-7-d. Set goods delivery times to off-peak hours on transit streets. **(In Progress)**

Action: 1-7-e. Establish goods-delivery times downtown that give trucks priority over automobiles. **(Accomplished)**

Goal 2: To have convenient regional transportation connections.

5 Yr. 2002 Objectives:

2-1. All regional transit connections are safe, comfortable, convenient and timely. **(In Progress)**

Action: 2-1-a. Provide a same-level transfer between BART and Muni Metro (not up to the mezzanine and back down). **(N/A)**

Action: 2-1-b. Provide convenient connections to the San Francisco Airport from BART and CalTrain. **(Accomplished)**

Action: 2-1-c. Extend CalTrain to downtown San Francisco. **(In Progress)**

Action: 2-1-d. Support the study and planning for high-speed rail between Los Angeles and San Francisco. **(In Progress)**

Action: 2-1-e. Provide convenient transfers to transit for special events and publicize and market these connections. **(Accomplished)**

Action: 2-1-f. [See also 1-3-c and d.] **(In Progress)**

2-2. Agreement from nine counties on improving regional connections through an integrated, public-transit-oriented regional transportation plan has been achieved. **(Accomplished)**

Action: 2-2-a. Implement a one-ticket around-the-Bay system, such as Translink. **(In Progress)**

Action: 2-2-b. Create a public/private lobby for Bay-region transportation. **(Accomplished)**

Goal 3: To integrate transportation, land use, and economic development policies.

5 Yr. 2002 Objectives:

3-1. Building and planning codes have been revised to help implement sustainable transportation objectives. **(Accomplished)**

Action: 3-1-a. Re-evaluate garage and parking requirements in the Code, city-wide, to establish maximum, rather than minimum, levels of required parking. **(Not Yet Started)**

Action: 3-1-b. Reduce or eliminate planning code parking requirements for some housing types, as appropriate, such as: low-income residences, residences with limited access due to space constraints, low-vehicle-ownership residences, buildings located near transit, and buildings in which tenants and owners agree not to obtain parking permits. **(In Progress)**

Action: 3-1-c. Secure strong pedestrian links from transit centers to key destinations. **(In Progress)**

Action: 3-1-d. Require bicycle facilities as part of all new development. **(In Progress)**

3-2. Sustainability criteria have been incorporated into transportation and land use planning. **(In Progress)**

Action: 3-2-a. Revise policies, objectives and regulations in codes and city plans. **(In Progress)**

Action: 3-2-b. Repeal the service station conservation ordinance. **(Not Yet Started)**

Action: 3-2-c. Do not allow the construction of new publicly subsidized parking garages. **(Not Yet Started)**

Action: 3-2-d. Revise the planning code to allow more commercial and recreational facilities closer to residential areas. **(In Progress)**

Goal 4: To reduce transportation energy consumption and pollution generation.

5 Yr. 2002 Objectives:

4-1. Transportation-related non-renewable fuel consumption has been reduced by 10%. **(Not Yet Started)**

Action: 4-1 & 2. Actions 1-1-a. through 1-1-r. **(In Progress)**

4-2. Automobile vehicle-miles traveled have been reduced by 5%. **(In Progress)**

Action: 4-1 & 2. Actions 1-1-a. through 1-1-r. **(In Progress)**

4-3. Fuel efficiency of vehicles in San Francisco has improved. **(Accomplished)**

Action: 4-3-a. Purchase only high-fuel-efficient vehicles for the City fleet. **(Accomplished)**

Action: 4-3-b. Lobby for State legislation providing incentives for fuel-efficient vehicles. **(Accomplished)**

4-4. 10% of all light-duty vehicles purchased are zero-emission vehicles (including bicycles). **(In Progress)**

Action: 4-4-a. Work with automobile manufacturers to attract the early introduction of zero-emission vehicles to San Francisco. **(Accomplished)**

Action: 4-4-b. Provide three public electric energy refueling facilities for vehicles. **(In Progress)**

4-5. Optimal use of present transportation systems has increased. **(Accomplished)**

Action: 4-5-a. Increase the use of computers to handle the complexities of service scheduling, vehicle maintenance, and the optimization of signal timing. **(Accomplished)**

Action: 4-5-b. Provide on-demand transit service on established routes during off-off peak hours, including custom stops and pickups. **(Accomplished)**

Action: 4-5-c. Use smaller buses or vans during off-off peak hours on routes with low patronage. **Accomplished**

Goal 5: To reduce dependence on automobiles.

5 Yr. 2002 Objectives:

5-1. 85% of commuter trips to the downtown and 45% elsewhere are made by means other than a drive-alone private automobile. Non-commute-generated automobile trips have been reduced by 5%. **(In Progress)**

Action: 5-1-a. Create shuttle services from existing garages to key outlying destinations. **(Not Yet Started)**

Action: 5-1-b. Create a weekend and holiday Golden Gate Park and Museum shuttle from nearby garages and transit. **(Accomplished)**

Action: 5-1-c. Provide incentives for businesses that provide commuter vans for employees. **(Accomplished)**

Action: 5-1-d. Study the effects of eliminating private through traffic on Market Street. and the methods of implementing such a plan. **(In Progress)**

Action: 5-1-e. Study the effects of eliminating automobile traffic from small lengths of other streets in addition to Market Street. **(In Progress)**

Action: 5-1-f. Provide package storage lockers in transit stations and transit centers. **(Not Yet Started)**

Action: 5-1-g. Provide access through doors and elevators in space on vehicles for baby carriages and large packages. **(N/A)**

Action: 5-1-h. Use teleconferencing to reduce long-distance travel, and home businesses and telecommuting to reduce local travel. (Suggested for businesses and government) **(Accomplished)**

Action: 5-1-i. Develop additional delivery services. (Suggested for the private sector) **(N/A)**

Action: 5-1-j. Advertise and promote transit use as a means of avoiding and not contributing to traffic congestion. **(In Progress)**

Action: 5-1-k. [See Actions 1-1-a through 1-1-r] **(In Progress)**

Goal 6: To increase the reality and perception of safety and civility on transit to all.

5 Yr. 2002 Objectives:

6-1. The quality of Muni service has improved. (Accomplished)

Action: 6-1-a. Train transit operators to provide courteous service, including at least: calling out stops, careful driving and giving tourist information. **(In Progress)**

Action: 6-1-b. Educate transit riders on how to use transit with courtesy and efficiency. **(In Progress)**

Action: 6-1-c. Enforce the laws on transit and at stops with a greater presence of authority figures. **(Accomplished)**

Action: 6-1-d. Improve design and maintenance to make transit vehicles and stations more pleasant. **(Accomplished)**

Action: 6-1-e. Reduce the incidence of overcrowding on transit vehicles. **(Accomplished)**

Action: 6-1-f. Improve working conditions for transit operators to reduce mental and physical stress. **(In Progress)**

Action: 6-1-g. Increase reference to the use of transit. (Suggested for private advertisers) **(In Progress)**

Action: 6-1-h. Provide an Internet website to provide information on transit, bicycles, and other alternatives to single-occupancy vehicles. **(Accomplished)**

Action: 6-1-i. Provide better maps and signs to help riders use transit service. **(In Progress)**

Action: 6-1-j. Use enhanced and innovative technology to give information on current transit status, orientation and use of service, especially at key transit stops. **(In Progress)**

6-2. Pedestrian and bicyclist safety and pleasure have increased. (Accomplished)

Action: 6-2-a. Educate drivers, pedestrians and bicyclists about the rules and courtesies of sharing streets. **(In Progress)**

Action: 6-2-b. Provide signs on streets reminding drivers to share the streets. **(In Progress)**

6-3. Accident rates for all transportation modes have been reduced. (Not Yet Started)

Action: 6-3-a. Enforce traffic laws more stringently, especially at high-accident-rate locations. **(Accomplished)**

Action: 6-3-b. Continue to upgrade traffic signal equipment and install red-light crossing cameras at high-accident-rate intersections. **(Accomplished)**

6-4. The pleasure of the walking experience between origins, destinations and transit stops has improved. **(N/A)**

Action: 6-4-a. Educate the public to assist other pedestrians and tourists. **(N/A)**

Goal 7: Provide a fair distribution of transportation resources to all users.

5 Yr. 2002 Objectives:

7-1. Public subsidies have been equalized among transportation modes. **(Not Yet Started)**

Action: 7-1-a. Lobby the federal and state governments to equalize subsidies among all transportation modes. **(In Progress)**

Action: 7-1-b. Increase enforcement against handicap-placard violations. **(Accomplished)**

7-2. Increased financial incentives exist for using alternatives to single-occupant vehicles. **(In Progress)**

Action: 7-2-a. Lobby the state to raise vehicle registration fees and use the additional revenue to improve alternative modes of transportation. **(In Progress)**

7-3. Residents and employees of all parts of the City enjoy adequate accessibility to high-quality public transit. **(In Progress)**

Action: 7-3-a. Provide additional transit service in areas currently deprived. **(In Progress)**

Sustainability Plan Report Card - 03.06.03

Water and Wastewater

Gaol 1: *Reuse* - To reclaim all wastewater. To maximize local reuse. To maximize recovery and reuse of resources from wastewater.

5 Yr. 2002 Objectives:

1-1. 10% of the City's wastewater is recycled for local use. **(In Progress)**

Action: 1-a. Formalize interagency cooperation on reuse issues. **(In Progress)**

1-2. Dual plumbing is routinely installed for all new buildings over 40,000 sq. ft., and landscapes over 10,000 sq. ft., especially the ballpark, Hunters Point, China Basin and Treasure Island (in accordance with City Ordinance 391-92). **(In Progress)**

Action: 1-b. Use recycled water for street-sweeping and street flushing. **(Not Yet Started)**

Action: 1-c. Obtain voter approval for financing and implementation of the Phase I Local Recycled Water Master Plan by November, 1997. **(Accomplished)**

Goal 2: *Use Reduction* - To maximize water conservation and minimize water use and waste.

5 Yr. 2002 Objectives:

2-1. Domestic water use has decreased by 10%. **(Accomplished)**

Action: 2-a. Replace all toilets with 1.6-gallon flush toilets using a combination of incentive programs and mandates. **(In Progress)**

2-2. Water conservation has been maximized through equipment replacement. **(In Progress)**

Action: 2-b. Use recycled water for fire-fighting and irrigation. **(In Progress)**

2-3. Water conservation audits have been performed at 20% of San Francisco businesses, industries and parks. **(In Progress)**

Action: 2-c. Implement urban water conservation best management practices as reflected in the Urban Memorandum of Understanding signed by the City as part of the Bay-Delta accord. **(In Progress)**

Action: 2-d. Create tiered water pricing to encourage water conservation. **(Accomplished)**

Action: 2-e. Change the building code to require water conservation upon change of building ownership. **(In Progress)**

Action: 2-f. Investigate and promote alternative water-saving technologies for gray-water (relatively clean water from sinks and showers). **(Not Yet Started)**

Action: 2-g. Increase the use of horizontal-axis washers and institutional conservation. **(In Progress)**

Action: 2-h. Encourage maximum flexibility in work schedules, resulting in decreased commercial water use. **(Not Yet Started)**

Goal 3: *Stormwater* - To minimize contaminants in storm water and dry-weather flows. To plan for normal flows and extraordinary events. To minimize storm water flows into the combined sewer system. To manage and treat flows that enter the system. To strive to eliminate combined system overflow discharge.

5 Yr. 2002 Objectives:

3-1. Storm water/pollution-prevention plans have been developed for 30% of targeted industries. **(In Progress)**

Action: 3-a. Identify targeted industries for water/pollution-prevention plans. **(In Progress)**

3-2. Vehicle transportation within the City has decreased by 10% to reduce oil in storm drains. **(Not Yet Started)**

Action: 3-b. Visit 30% of businesses to conduct educational audits. **(In Progress)**

3-3. Vegetation and landscaping techniques to reduce stormwater run-off, emphasizing drought-tolerant and native species, are used to the greatest extent possible. **(In Progress)**

Action: 3-c. Conduct a pilot program to determine best pollution prevention stormwater strategies. **(Not Yet Started)**

3-4. The number of trees planted on City streets has doubled. **(In Progress)**

Action: 3-d. Organize additional tree planting agencies, develop action plans, and plant trees. **(In Progress)**

Action: 3-e. Clean 10% of catch-basins each year. **(Accomplished)**

Action: 3-f. Create a free Muni system. **(Not Yet Started)**

Action: 3-g. Designate more bicycle paths. **(Accomplished)**

Action: 3-h. Increase tree-planting. **(In Progress)**

Goal 4: *Source Control* - To eliminate contaminants in supply and receiving waters through pollution prevention for all categories of dischargers.

5 Yr. 2002 Objectives:

4-1. 25% of target businesses use pollution-prevention technologies. **(In Progress)**

Action: 4-a. Eliminate the Steinhart Aquarium salt-water discharge to the sanitary system. **(Not Yet Started)**

4-2. Convenient hazardous-waste drop-off centers or pick-up services have been created for San Francisco businesses. **(In Progress)**

Action: 4-b. Create a pilot curbside oil and paint recycling project. **(In Progress)**

4-3. Salt water discharge and/or intrusion into the City's sewer system has been minimized. **(In Progress)**

Action: 4-c. Create a dry-weather street-flush pilot project using recycled water. **(Not Yet Started)**

4-4. The use of toxic chemicals in treatment of wastewater has decreased. **(Accomplished)**

Action: 4-d. Increase the number of used motor oil and paint recycling and collection centers throughout the City. **(Accomplished)**

Action: 4-e. Coordinate with the tax office to identify businesses for potential pollution prevention practices. **(In Progress)**

Action: 4-f. Establish a procedure by which guests in San Francisco hotels can choose to have towels replaced less frequently than every day, to reduce water used in unnecessary laundry. **(Not Yet Started)**

Goal 5: *Wastewater* - To discharge only wastewater that does not impair receiving water and supports restoration and habitat goals.

5 Yr. 2002 Objectives:

5-1. The mass of pollutants and volume of discharge have been decreased by 10% from a 1995 baseline. **(In Progress)**

Action: 5-a. Apply control measures for rodents in the sanitary sewer system such as trapping, baiting, and installing barriers. **(Accomplished)**

5-2. A rodent control program to eliminate rodents from the sanitary sewer system has been developed. **(In Progress)**

Action: 5-b. [See actions 3-a through 3-f.]

Goal 6: *Water Supply* - To ensure a sustainable and adequate water supply for normal use, for extraordinary use (such as fire-fighting, earthquakes), and to do these considering the lowest impact on the environment.

5 Yr. 2002 Objectives:

6-1. Water flows to the Bay and Delta have been restored to levels that protect viable populations of fish. **(In Progress)**

Action: 6-a. Begin addressing areas of San Francisco that are not served by the auxiliary water supply system, resulting in inadequate fire protection. **(In Progress)**

Action: 6-b. Construct a recycled-water storage and distribution system on the west side of San Francisco. **(In Progress)**

Action: 6-c. Conduct routine evaluation of infrastructure for replacing and upgrading aged pipes. **(In Progress)**

Action: 6-d. Evaluate the impact of flushing the auxiliary water supply system into the Bay. **(Not Yet Started)**

Action: 6-e. Pass legislation or institute a policy change clarifying groundwater recharge and other environmental priorities. **(Not Yet Started)**

Goal 7: *Public Health* - To maximize protection of public health by providing safe drinking water and the safe handling of wastewater.

Action: 7-a. Investigate alternatives to chlorinating drinking water and wastewater, including ultra-violet disinfection. **(In Progress)**

Action: 7-b. Develop a plan to monitor drinking water at schools for lead. **(Accomplished)**

Action: 7-c. Collect drinking water at schools and analyze it for lead content. **(Accomplished)**

Action: 7-d. Take interim measures to ensure that the lead levels in school drinking water meet the current state or federal standard that is most restrictive. **(In Progress)**

Action: 7-e. Replace or control the source of leachable lead in the schools' drinking water systems if the level exceeds drinking water standards. **(In Progress)**

Action: 7-f. Create water pollution signs in various languages and post them at beaches as appropriate. **(Accomplished)**

Action: 7-g. Review sign-posting on ocean and bay shores and increase the number of locations as appropriate. **(Accomplished)**

Goal 8: *Process* - To ensure public input into the water/wastewater planning process. To ensure fair and effective permit and enforcement procedures.

5 Yr. 2002 Objectives:

8-1. An environmental ombudsman position has been created to assist the public with environmental review. **(Not Yet Started)**

Action: 8-a. Encourage partnerships between city agencies, especially water and wastewater agencies, to implement the goals and objectives of the sustainability plan. **(In Progress)**

Action: 8-b. Improve compliance among businesses that are required to pre-treat water that flows into the sewer system by creating an ordinance for citizen action for enforcement of applicable environmental codes. **(Accomplished)**

Goal 9: *Acknowledgment of True Environmental Costs* - To create a water and wastewater policy that reflects true environmental costs and benefits, including impacts on the local economy.

5 Yr. 2002 Objectives:

9-1. Sewer and water rates have been increased to encourage water conservation, with revenues going for recycling, water infrastructure, and similar purposes. **(In Progress)**

Action: 9-A. Create an audit to verify water and wastewater savings and to identify high water users to target for subsidies. **(Not Yet Started)**

9-2. 25% of targeted businesses have been provided with incentives to incorporate pollution-prevention strategies. **(In Progress)**

9-3. Tax credits and financial incentives are in place for water reductions in homes and businesses. **(Not Yet Started)**

Goal 10: *Groundwater* - To restore and enhance ground-water supply and improve the water quality of San Francisco aquifers.

5 Yr. 2002 Objectives:

10-1. The level of Lake Merced has been raised. **(In Progress)**

Action: 10-a. Find alternative water sources so that no groundwater is used. (Suggested for golf courses) **(In Progress)**

10-2. Five ground-water projects have been developed that allow for the prudent management of the City's aquifers, a balanced potable water supply, and improved basin water quality. **(In Progress)**

Action: 10-b. Implement joint groundwater management with Daly City. **(In Progress)**

Goal 11: *Habitat Protection and Restoration* - To achieve long-term enhancement and restoration of local marine and fresh-water habitats.

5 Yr. 2002 Objectives:

11-1. Islais Creek has been restored. **(Not Yet Started)**

Action: 11-a. Create and fund (through compliance funds) programs to restore and construct wetlands for alternative treatment, and also construct new wetlands whenever feasible. **(In Progress)**

11-2. A lake management plan has been implemented. **(In Progress)**

Action: 11-b. Develop a lake management plan to control algae growth and support wildlife habitats. **(In Progress)**

11-3. All aspects of environmental clean up are met or addressed on Treasure Island and Hunter's Point Naval Shipyard. **(In Progress)**

Action: 11-c. Develop a memorandum of understanding with local branches of federal agencies (such as the Golden Gate National Recreation Area) to protect and restore habitats. **(In Progress)**

11-4. Green space acreage has increased by 10%. **(In Progress)**

11-5. Review the use of wetlands for the alternative treatment. **(In Progress)**

Goal 12: *Education* - To create an inclusive community of environmental stewards.

5 Yr. 2002 Objectives:

12-1. All businesses relocating in San Francisco have been provided with a water-conservation and pollution prevention packet. **(Not Yet Started)**

Action: 12-a. Establish a recognition and incentive program to reward resident accomplishments. **(Not Yet Started)**

12-2. Awareness of water conservation and water quality issues has been increased by 10% through the implementation of a citizens' education program. **(In Progress)**

Action: 12-b. Revise, update and improve teachers' curriculum materials that encourage environmental stewardship. **(In Progress)**

Action: 12-c. Provide information to the Bureau of Building Inspection to incorporate water reuse and water conservation strategies. **(Accomplished)**

Action: 12-d. Establish a speakers bureau. **(Not Yet Started)**

Goal 13: *Infrastructure* - To repair, replace and upgrade infrastructure in a timely and environmentally sound manner and with adequate funding.

5 Yr. 2002 Objectives:

13-1. A long-term plan for repairing, replacing, and upgrading water and wastewater infrastructure has been developed. **(In Progress)**

Action: 13-a. Fund and implement a plan to repair, replace, and upgrade water and wastewater infrastructure within five years. **(In Progress)**

Goal 14: *Alternative Technologies* - To include alternative water, wastewater and storm water policies that promote the most environmentally and biologically sound methods in the City Water and Wastewater Master Plan.

5 Yr. 2002 Objectives:

14-1. A full, fair, and independent study of alternative wastewater methods has been conducted. **(In Progress)**

Action: 14-a. Conduct pilot water and wastewater projects. **(In Progress)**

Action: 14-b. Complete the Bayside Alternatives study. **(N/A)**

Action: 14-c. Conduct a full, fair and independent study of alternative wastewater, storm water, water supply and water use policies. **(In Progress)**

Goal 15: *Standards* - To create drinking water and wastewater standards that protect local and regional natural resources and public health, and are scientifically defensible while encouraging resource recovery.

5 Yr. 2002 Objectives:

15-1. The effects of proposed and current exceptions to standards have been mitigated. **(In Progress)**

Action: 15-a. Conduct further research on drinking water and wastewater standards. **(In Progress)**