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1. HAZARDOUS WASTE

GOAL S-1. An Environment Free of the Damaging Effects of Biological and Chemical Hazardous Materials.

POLICY S1.1 ~~Minimize~~ Discourage the use of toxic and hazardous materials. Encourage ~~Promote~~ the use of alternative materials and practices that are environmentally benign. [Previous Policy N-30] [N1]

Program S1.1.1 ~~Continue to p~~ Provide information to ~~all user groups about the public regarding commonly used hazardous materials, environmentally preferable alternatives, and safe recycling and disposal methods~~ practices to all user groups. [Previous Program N-46] [N2]

Program S1.1.2 Continue City permitting procedures for commercial and industrial storage, use, and handling of hazardous materials. [Previous Program N-47] [N3]

Program S1.1.3 Continue ~~sponsoring a~~ providing regular household hazardous waste collection events at the Palo Alto Regional Water Quality Control Plant and strive to make these programs more convenient and accessible to residents. [Previous Program N-48] [N4]

~~PROGRAM N-49: Study the relative costs, advantages, and disadvantages of joining the regional household hazardous waste program operated by the Santa Clara County Department of Environmental Health. [N1]~~

Program S1.1.4 Continue the program that allows small quantity generators to dispose of hazardous waste at cost. [Previous Program N-50] [N5]

POLICY S1.2 Continue working with appropriate agencies to clean up hazardous waste sites and contaminated groundwater. [N6]

Comment [GG1]: PTC

Comment [GG2]: PTC

Comment [GG3]: PTC

Comment [GG4]: Study complete

SAFETY ELEMENT

- POLICY S1.3 Support public agency policies, regulations, legislation, and programs that implement the Santa Clara County’s Hazardous Waste Materials Management Plan Program. [Previous Policy N-32] [N7]
- POLICY S1.4 Protect City authority for the approval or denial of proposed commercial hazardous waste treatment, storage, or disposal facilities in the City. Continue to support the concept of “fair share” agreements between counties in the siting of such facilities. [Previous Policy N-33] [N8]

2. SOLID WASTE

GOAL S-2. Reduced Volumes of Solid Waste; Solid Waste Disposed in an Environmentally Safe, Efficient, Manner.

- POLICY S2.1 ~~Reduce the amount of~~ **Eliminate** solid waste ~~disposed disposal in the City’s to landfills or incinerators~~ by reducing the amount of waste generated and, promoting reuse and maximizing recycling and composting, the cost-effective reuse of materials that would otherwise be placed in a landfill. [Previous Policy N-34] [N9]

Comment [GG5]: PTC

Comment [GG6]: EIR Mitigation measure

Comment [GG7]: City staff: “Eliminate” is too inflexible. Suggest saying “strive for zero waste disposed in landfills.”

Comment [JJ8]: S/CAP

Could replace Policy N-34 with S/CAP Strategy SW-1: Achieve 95% landfill diversion by 2030, and ultimately zero waste, by enhancing policies and programs for recycling, composting and reuse.

Program S2.1.1 *Encourage residential and commercial food waste reduction through incentives, educational outreach and programs. [PTC] [NEW PROGRAM] [N10]*

Program S2.1.2 *To the extent allowed by law, use refuse rate structures that incentivize waste reduction. Regularly review the landfill fee structure to ensure that it encourages a reduction in solid waste disposal. [Previous Program N-51] [N11]*

Comment [GG9]: PTC

Comment [GG10]: City staff: suggest deleting.

Program S2.1.3 *Improve City composting practices and continue to promoting promote the household composting program. Consider extending composting to include food wastes. [Previous Program N-52] [N12]*

SAFETY ELEMENT

Program S2.1.4 ~~Continue to develop cost-effective source separation and improve recycling and composting programs for recyclable solid all waste materials for residential and commercial customers generators.~~ [Previous Program N-53] [N13]

Program S2.1.5 ~~Continue to develop long-term solid waste management programs that include environmentally sound disposal methods, composting and other organics processing alternatives, and environmentally responsible recycling programs such as the SMaRT Station.~~ [Previous Program N-54] [N14]

POLICY S2.2 ~~Reduce solid waste generation through salvage and reuse of building materials, including architecturally and historically significant materials.~~ [Previous Policy N-35] [N15]

Program S2.2.1 ~~Periodically review and update the adopted Construction and Debris program.~~ [PTC] [NEW PROGRAM] [N16]

Program S2.2.2 ~~Educate Palo Alto residents and developers about available incentives to use environmental friendly deconstruction activities to minimize our carbon footprint, to save natural resources, as well as space in our landfills.~~ [PTC] [NEW PROGRAM] [N17]

~~PROGRAM N-55: Maintain and expand the use of the Recycling Center at the City's refuse disposal area.~~ [N1]

POLICY S2.3 ~~Support state and federal legislation encouraging the use of recyclable and recycled content goods.~~ [Previous Policy N-38] [N18]

POLICY S2.4 ~~Continue to implement the City's Environmentally Preferred Purchasing policy and programs to reduce waste, toxic product use, resource consumption and to maximize energy efficiency.~~ [PTC] [NEW POLICY] [N19]

~~POLICY N-37: Ensure the environmentally sound disposal of solid waste.~~ [N1]

POLICY S2.5 ~~Encourage the use of reusable, returnable, recyclable, and repairable goods, and discourage the use of single use plastic water bottles, through incentives, educational displays and activities, and City purchasing policies and practices.~~ [Previous Policy N-36] [N20]

Comment [GG11]: EIR Mitigation Measure

Comment [GG12]: PTC

Comment [GG13]: PTC

3. NATURAL HAZARDS

GOAL S-3. Protection of Life, Ecosystems and Property From Natural and Man-Made Hazards and Disasters, Including Earthquake, Landslide, Flooding, and Fire and Hazardous Materials.

3.1 GENERAL SAFETY MEASURES

- POLICY S3.1 Focus efforts to reduce exposure to natural hazards in those areas of the City where the greatest risks exist. [Previous Policy N-49] [N21]
- POLICY S3.2 Implement public safety improvements, such as access roads and other infrastructure, in a manner that is sensitive to the environment. [Previous Policy N-50] [N22]

3.2 SEISMIC AND ~~OTHER~~ACTIVITY AND GEOLOGIC HAZARDS

- POLICY S3.3 Expand citizen awareness of seismic and geologic hazards through public education and preparedness. [PTC] [NEW POLICY] [N23]
- Program S3.3.1 Continue the City's participation in regional earthquake awareness programs such as the "Annual Great Shake Out" and other relevant efforts to educate the public. [PTC] [NEW PROGRAM] [N24]*
- Program S3.3.2 Continue and strengthen earthquake preparedness activities with Palo Alto Unified School District. [PTC] [NEW PROGRAM] [N25]*
- POLICY S3.4 Minimize exposure to geologic hazards, including slope stability, subsidence, and expansive soils, and to seismic hazards including groundshaking, fault rupture, liquefaction, and landsliding. [Previous Policy N-51] [N26]
- Program S3.4.1 Periodically review and update the City's Seismic Hazard Ordinance. [PTC] [NEW PROGRAM] [N27]*

SAFETY ELEMENT

POLICY S3.5 Promote rehabilitation and renovation of older buildings using incentives as a way to ensure safe and structurally sound buildings. [PTC] [NEW POLICY] [N28]

Program S3.5.1 Strictly enforce Uniform Building Code seismic safety restrictions. [Previous Program N-69] [N29]

Program S3.5.2 Continue to provide *appropriate* incentives for seismic retrofits of structures in the University Avenue/ Downtown area. [Previous Program N-70] [N30]

Program S3.5.3 Allow development rights achieved through seismic upgrading of specified sites to be transferred to designated eligible receiver sites. [Previous Program N-71] [N31]

Program S3.5.4 Study the possibility of making revisions to the program which allows transfer of development rights by establishing a sunset date. [PTC] [NEW PROGRAM] [N32]

Program S3.5.5 Explore using Community Development Block Grant and Palo Alto Housing Funds to promote retrofitting of existing soft-story construction by owners of lower income and senior housing. [PTC] [NEW PROGRAM] [N33]

POLICY S3.6 Encourage property owners and business owners to evaluate their vulnerability to earthquake hazards and take appropriate action to minimize their risk. [PTC] [NEW POLICY] [N34]

Program S3.6.1 ~~PROGRAM N-72: Revise the Zoning and Subdivision Ordinances to recognize seismic, geologic, and soil related hazards. As part of the construction permitting process, require preparation and submittal to the City of a geotechnical report for proposed development and redevelopment in areas of identified hazard shown on Figure XX in order to identify associated risks and appropriate mitigation measures. from an engineering geologist that reviews geologic, soils, and engineering reports for developments in hazard areas. Establish appropriate fees to cover the cost of this review.~~ [Previous Program N-73] [N35]

Comment [GG14]: Revision complete

Comment [GG15]: Moved per PTC

SAFETY ELEMENT

Program S3.6.2 Review and update, as appropriate, City code requirements for excavation, grading, and filling to ensure that they conform to currently accepted standards.
[Previous Program ~~N-74~~] [N36]

Comment [GG16]: Moved per PTC

Comment [GG17]: Moved per PTC

Comment [GG18]: PTC

3.3 FLOOD HAZARDS

POLICY S3.7 Minimize exposure to flood hazards of proposed development in FEMA-designated Special Flood Hazard Areas ~~by adequately reviewing proposed development in flood prone areas.~~ [Previous Policy N-52] [N37]

POLICY S3.8 ~~Support regional efforts to improve bay levees.~~ [Previous Policy ~~N-52A~~] [N38]

Comment [GG19]: Added per City Council. Senate Bill 379 identifies "map of levee protection zones" as necessary component of policy.

Will need map of levee protection zones, per SB 379

Program S3.8.1 Establish a standardized process for evaluating the impacts of development on the storm drainage system. [Previous Program N-75] [N39]

Program S3.8.2 Implement ~~the~~ flood mitigation requirements of FEMA relating to construction in Special Flood Hazard Areas as illustrated on the Flood Insurance Rate Maps. [Previous Program N-76] [N40]

Program S3.8.3 Continue participating in FEMA's Community Rating System to reduce flood insurance for local residents and businesses. [PTC] [NEW PROGRAM] [N41]

Program S3.8.4 Together with the San Francisquito Creek Joint Powers Authority and the Santa Clara Valley Water District, participate in planning and implementation efforts that stabilize, restore, maintain and provide one percent (100-year) flood protection adjacent to San Francisquito Creek. [PTC] [NEW PROGRAM] [N42]

POLICY S3.9 Monitor and respond to the risk of flooding caused by climate change-related changes to precipitation patterns, sea level rise and storm surges. [PTC] [NEW POLICY] [N43]

Program S3.9.1 Work cooperatively with the Santa Clara Valley Water District to provide flood protection from high tide events

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on San Francisco Bay, taking into account the impacts of future sea level rise, to provide one percent (100-year) flood protection from tidal flooding. [PTC] [NEW PROGRAM] [N44]

Program S3.9.2 Wherever feasible apply sea level rise adaptation approaches as recommended in the San Francisco Bay Plan adopted by San Francisco Bay Conservation and Development Commission. [PTC] [NEW PROGRAM] [N45]

POLICY S3.10 Monitor and maintain the integrity of all essential public facilities during flood events. [NEW POLICY] [N46]

Comment [GG20]: Per Senate Bill 379

3.4 Fire Hazard and Mitigation

POLICY S3.11 Support Palo Alto Fire Department’s efforts in public education and community outreach to prevent injury, loss of life, and damage to property from accidental fires. [PTC] [NEW POLICY] [N47]

Comment [GG21]: Moved, per PTC

Program S3.11.1 Provide public education on fire safety, including evacuation routes and guidelines for clearance of landscaping and other hazards around structures. [N48]

POLICY S3.12 Address the risk of fire to land classified as “state responsibility areas” per PRC section 4102, and land classified as “very high fire hazard severity zone” per section 51177. [Previous Program N-78] [NEW POLICY] [N49]

Comment [GG22]: Per Senate Bill 379

POLICY S3.13 Minimize exposure to wildland and urban fire hazards through rapid emergency response, proactive code enforcement, public education programs, use of modern fire prevention measures, and adequate emergency management preparation. [Previous Policy N-53] [N50]

Program S3.13.1 Regularly review and update the Fire Department’s operations, training facilities, and programs to ensure consistency with current standards and Best Management Practices. [PTC] [NEW PROGRAM] [N51]

Program S3.13.2 Regularly review and update the Palo Alto Foothills Fire Management Plan and the fire emergency evacuation provisions in the City’s Emergency Management Plan to ensure consistency with current standards and Best Management Practices. [Previous Program N-77] [N52]

Comment [GG23]: PTC

SAFETY ELEMENT

Program S3.13.3 Implement the Foothills Fire Management Plan to balance conservation of natural resources with reduction of fire hazards especially in open space areas. [PTC] [NEW PROGRAM] [N53]

Program S3.13.4 Minimize fire hazards by implementing low density zoning in wildland fire hazard areas. [Previous Program N-79] [N54]

POLICY S3.14 Provide emergency services consistent with the response time standards set forth in the Public Safety Department’s (Fire, Police, Office of Emergency Services) plan. [Previous Policy N-54] [N55]

Program S3.14.1 Evaluate measures with other jurisdictions for optimal service delivery to improve efficiency; develop automatic or mutual aid agreements with other jurisdictions to improve efficiencies. [Previous Program N-80] [N56]

POLICY S3.15 Monitor and respond to the risk of wild land fire hazards caused by climate change. [PTC] [NEW POLICY] [N57]

Program S3.15.1 Consider implementation of CAL FIRE recommended programs in educating and involving the local community to diminish potential loss caused by wildfire and identify prevention measures to reduce those risks. [PTC] [NEW PROGRAM] [N58]

Comment [GG24]: PTC

Comment [GG25]: PTC

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4. COMMUNITY SAFETY AND EMERGENCY MANAGEMENT

GOAL S-4. DEVELOP AND COORDINATE A PLAN FOR FIRE, POLICE PROTECTION AND EFFECTIVE EMERGENCY PREPAREDNESS AND RESPONSE.

3.44.1 PUBLIC AWARENESS AND GENERAL SAFETY MEASURES

POLICY S4.1 Facilitate ongoing public education and awareness to prevent loss of life and property from impacts of natural and man-made disasters. [NEW POLICY] [N59]

Comment [GG26]: New PTC section TO BE MOVED TO SAFETY CC motion: Add "the Safety Element will include emergency preparation and coordination with citizens."

SAFETY ELEMENT

Program S4.1.1 Initiate public education programs that strongly encourage that each house- hold in the City is be prepared to be self-sufficient for at least 72 hours after a major earthquake, flood, terrorism event, pandemic or other major disaster. Update and distribute the City's earthquake preparedness guide, "Living with Our Faults." [Previous Program N-82] [N60]

Program S4.1.2 Continue to implement the Emergency Services Volunteer program and encourage residents and employees to participate in citywide emergency drills and other public education activities. [PTC] [NEW PROGRAM] [N61]

Comment [GG27]: PTC subheading

4.2 COMMUNITY SAFETY

POLICY S4.2 Support the Palo Alto Police Department's efforts in public safety education and community outreach. Use education and crime prevention as integral parts of the practice of law enforcement. [PTC] [NEW POLICY] [N62]

POLICY S4.3 Encourage development of law enforcement programs to reduce and prevent crime through community partnerships including partnerships with school districts, businesses, nonprofit organizations, and community groups such as Emergency Services Volunteers. [PTC] [NEW POLICY] [N63]

Program S4.3.1 Provide neighborhood security and crime prevention information and training to neighborhood groups and homeowners' associations. [PTC] [NEW PROGRAM] [N64]

Program S4.3.2 Continue working with Palo Alto Unified School District to provide community safety education in the classroom and assist with the development of secure school facility projects and programs. [PTC] [NEW PROGRAM] [N65]

Program S4.3.3 Continue to support and encourage participation in the Police Department Explorer Post 61 program, as an effective means of introducing youth to the importance and benefits of local law enforcement. [PTC] [NEW PROGRAM] [N66]

POLICY S4.4 Regularly review the adequacy of law enforcement services and emergency services in the city. Plan and develop law enforcement

SAFETY ELEMENT

infrastructure and technology according to overall need and the growth within the City. [PTC] [NEW POLICY] [N67]

Program S4.4.1 Periodically monitor and review the level of public safety staffing required to ensure efficient service delivery to serve local needs. [PTC] [NEW PROGRAM] [N68]

Program S4.4.2 Plan for new public safety facilities to adequately meet the Police Department’s requirements to maintain operations securely even during a natural disaster. [PTC] [NEW PROGRAM] [N69]

POLICY S4.5 Require Police Department review of site plans and building designs for major development proposals in order to promote overall safety and crime prevention. [PTC] [NEW POLICY] [N70]

POLICY S4.6 Continue to cooperate with neighboring jurisdictions and allied agencies for regional planning of day-to-day operations and disaster response. [PTC] [NEW POLICY] [N71]

4.3 EMERGENCY MANAGEMENT

POLICY S4.7 Follow the guidelines in the Emergency Operations Plan and continue towards implementing the four phases of National Incident Management Systems (NIMS): mitigation/prevention, preparedness, response, and recovery. [PTC] [NEW POLICY] [N72]

Program S4.7.1 Regularly update and make publicly available the City of Palo Alto Emergency Operations Plan (EOP). [PTC] [NEW PROGRAM] [N73]

Program S4.1.1 ~~POLICY N 55: Minimize exposure to all hazards through emergency management planning. [N1]~~

Program S4.7.2 Participate in local and regional planning efforts to comply with NIMSRegularly update and distribute the City of Palo Alto Emergency Management Plan, including the earthquake, flood, and fire emergency evacuation plans. Consult with the Palo Alto Unified School District in updating the Plan.[Previous Program ~~N-81~~] [N74]

POLICY S4.8 ~~PROGRAM N 82: Initiate public education programs that strongly encourage that each house hold in the City is prepared to be self-~~

Comment [GG28]: PTC

Comment [GG29]: PTC

SAFETY ELEMENT

~~sufficient for 72 hours after a major earthquake. Update and distribute the City's earthquake preparedness guide, "Living with Our Faults."~~ Encourage all entities, including the private sector and other non-governmental organizations, to coordinate emergency planning efforts, including planning for natural disasters, terrorism, war, infrastructure failure, and other disasters, consistent with the National Planning Scenarios via the Palo Alto/Stanford Citizen Corps Council (CCC). [PTC] [NEW POLICY] [N75]

Program S4.8.1 Implement the mitigation strategies and guidelines provided by the Local Hazard Mitigation Plan. [PTC] [NEW PROGRAM] [N76]

Program S4.8.2 Continue citywide efforts to underground utility wires to limit injury, loss of life, and damage to property in the event of man-made or natural disasters. [PTC] [NEW PROGRAM] [N77]

Program S4.8.3 Enhance the safety of City-owned natural gas pipeline operations. Work with customers, public safety officials, and industry leaders to ensure the safe delivery of natural gas throughout the service area. Provide safety information to all residents on City-owned natural gas distribution pipelines. [PTC] [NEW PROGRAM] [N78]

Program S4.8.4 Implement the guidelines provided in the Utilities Emergency Response Plan to ensure continuity of City utilities operation after natural or manmade disasters. [PTC] [NEW PROGRAM] [N79]

Program S4.8.5 Work with neighborhoods and civic organizations on emergency preparedness and security programs, use the Santa Clara County Alert SCC system to notify residents when needed. [PTC] [Previous Program G-10] [N80]

POLICY S4.9 Encourage multiagency coordination in case of incidents that cross disciplinary or jurisdictional boundaries or coordination that involves complex incident management scenarios. [PTC] [NEW POLICY] [N81]

~~POLICY S4.2~~ Work with other government agencies, neighboring cities, local institutions, non-profit organizations, and private corporations with established emergency response functions to enhance the City's overall emergency response capabilities. [PTC] [NEW POLICY] [N82]

Comment [GG30]: Needs updating per Senate Bill 379 "to address climate adaption & resiliency"

4.5. Infrastructure

4.15.1 WATER SUPPLY AND SAFETY

~~POLICY S4.3~~ POLICY S4.10 Conservation and efficient use of water by all customers shall be encouraged through a diverse portfolio of education, rebates, assistance programs, and building requirements. [PTC] [NEW POLICY] [N83]

~~Program S4.3.1~~ Program S4.10.1 Maintain cost-effective citywide water conservation and efficiency programs for all customers, including low income customers.- [Previous Program ~~N-24~~] [N84]

Comment [GG31]: Moved per PTC

~~POLICY S4.4~~ POLICY S4.11 Secure a reliable, long-term supply of water for Palo Alto, including enhancing our emergency storage and supply system. [Previous Policy N-19] [N85]

Comment [GG32]: City staff: The emergency well and storage project is complete.

~~Program S4.4.1~~ Program S4.11.1 Investigate ways to reuse non-traditional water sources including recycled, gray, black and stormwater. [NEW PROGRAM] [N86]

~~Program S4.4.2~~ Program S4.11.2 Regularly review the water rate structure to ensure that it covers fixed costs based on cost of service studies and encourages conservation and efficiency. ~~encourages efficiency and is competitive.~~ [Previous program ~~N-23~~] [N87]

Comment [GG33]: City staff: Rates must be based on cost of service, per Proposition 26

Comment [GG34]: PTC

4.25.2 WASTEWATER TREATMENT

~~POLICY S4.5~~ POLICY S4.12 Reduce the discharge of toxic materials into the City's sanitary sewer collection system by promoting the use of Best Management Practices and reducing ~~Reduce~~ pollutant levels in City wastewater discharges. [Previous Policy ~~N-25~~] [N88]

Comment [GG35]: PTC

~~Program S4.5.1~~ Program S4.12.1 Continue to educate residents on the proper disposal of pharmaceutical and household hazardous waste. [NEW PROGRAM] [N89]

SAFETY ELEMENT

~~Program S4.5.2~~ Program S4.12.2 ~~Work with commercial and industrial dischargers to identify and implement pollution prevention measures and Best Management Practices to eliminate or reduce the discharge of metals and other pollutants of concern~~ ~~recover metals onsite rather than discharging them into the sanitary sewer system.~~
[Previous Program N-35] [N90]

Comment [GG36]: PTC

~~Program S4.5.3~~ Program S4.12.3 ~~Provide incentives to encourage commercial dischargers to consistently go beyond minimum requirements of the Clean Bay Business Program.~~ [PTC] [NEW PROGRAM] [N91]

~~Program S4.5.4~~ Program S4.12.4 ~~Continue public education programs on water quality issues, including Best Management Practices for residents, businesses, contractors, and City employees.~~ [PTC] [NEW PROGRAM] [N92]

~~POLICY S4.6~~ POLICY S4.13 ~~Provide, maintain, and operate wastewater treatment facilities, including maintaining adequate capacity at the Regional Water Quality Control Plant located in Palo Alto to accommodate projected economic and population growth. Ensure that the plant operates in compliance with applicable local, State, and Federal clean water, clean air, and health and safety regulatory requirements.~~ [PTC] [NEW POLICY] [N93]

~~Program S4.6.1~~ Program S4.13.1 ~~implement approved recommendations based on the Long-Term Facilities Plan prepared for the Regional Water Quality Control Plant.~~ [PTC] [NEW PROGRAM] [N94]

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4.3

4.45.3 RECYCLED WATER

~~POLICY S4.7~~ POLICY S4.14 ~~Encourage residential and commercial property owners to conserve water by modeling best practices including replacing inefficient plumbing fixtures in buildings, installing drought tolerant landscape and harvesting rainwater.~~ [NEW POLICY] [N95]

SAFETY ELEMENT

~~Program S4.7.1~~ Program S4.14.1 ~~_____~~ Educate customers on efficient water use (indoor and outdoor), tree care, and landscaping options. [NEW PROGRAM] [N96]

~~Program S4.7.2~~ Program S4.14.2 ~~_____~~ Promote the use of salt-tolerant native species and require separate irrigation systems that can accept ~~Implement incentives for the use of drought-tolerant landscaping and~~ recycled water for landscape irrigation for larger developments. [PTC] [Previous Program N-26] [N97]

Comment [GG37]: PTC
Comment [GG38]: City staff suggestion: Delete this program.

~~POLICY S4.8~~ POLICY S4.15 ~~_____~~ Improve source control and treatment of recycled water to maximize its use. [PTC] [NEW POLICY] [N98]

4.55.4 STORMWATER MANAGEMENT

~~POLICY S4.9~~ POLICY S4.16 ~~_____~~ Reduce non-point source pollutionReduce pollution in urban runoff from residential, commercial, industrial, municipal, and transportation land uses and activities. [Previous Policy N-21] [N99]

~~Program S4.9.1~~ Program S4.16.1 ~~_____~~ Work with regulatory agencies, environmental groups, affected businesses, and other stakeholders to identify economically viable Best Management Practices (BMPs) for reducing pollution. Participate in BMPs pilot studies to identify new pollution control measures. [Previous Program N-27] [N100]

Comment [GG39]: City staff: Rather than focusing only on BMPs, should promote studying all opportunities to improve water quality cost-effectively, including land use planning, development, and construction of storm water management facilities.

~~Program S4.9.2~~ Program S4.16.2 ~~_____~~ Continue public education programs on water quality issues, including Best Management Practices (BMPs) for residents, businesses, contractors, and City employees. [Previous Program N-28] [N101]

~~Program S4.9.3~~ Program S4.16.3 ~~_____~~ Actively participate in programs such as the Santa Clara Valley Urban Runoff Pollution Prevention Program to improve the quality of storm water runoff. [Previous Program N-29] [N102]

~~Program S4.9.4~~ Program S4.16.4 ~~_____~~ Conduct regular street-sweeping to collect trash and road surface pollutants before they enter stormwater ~~minimize road surface pollutant~~ runoff. [Previous Program N-30] [N103]

Comment [GG40]: PTC

SAFETY ELEMENT

~~Program S4.9.5~~ Program S4.16.5 Evaluate spill response, cleanup, and follow-up investigation procedures to reduce the impacts of toxic spills on water quality in the City's creeks and San Francisco Bay. [Previous Program N-31] [N104]

~~Program S4.9.1~~ Program S4.16.1 Manage stormwater runoff in compliance with the Municipal Regional Stormwater permit. [NEW PROGRAM] [N105]

~~POLICY S4.10~~ POLICY S4.17 Retain and utilize rainwater on site to the extent possible. Use native or simulated natural drainage systems for buffers and filtration to the extent possible. [NEW POLICY] [N106]

~~Program S4.10.1~~ Program S4.17.1 Develop and implement a green stormwater infrastructure plan with the goal to treat and infiltrate stormwater. [NEW PROGRAM] [N107]

POLICY S4.1 Limit the amount of impervious surface in new development or public improvement projects to reduce urban runoff into storm drains, creeks, and San Francisco Bay. [Previous Policy N-22] [N108]

~~Program S4.1.1~~ Program S4.1.1 Evaluate and promote the use of permeable paving materials that allow for natural percolation and site drainage through a Storm Water Rebate Program and other incentives. [Previous Program N-34] [N109]

Program S4.1.2 Promote landscape design that optimizes soil volume, porosity, structure, health, and configuration. [NEW PROGRAM] [N110]

POLICY S4.1 Improve storm drainage performance by constructing new system improvements where necessary and replacing undersized or otherwise inadequate lines with larger lines or parallel lines. [Previous Policy N-24] [N111]

Program S4.1.1 Complete improvements to the storm drainage system consistent with the priorities outlined in the City's 1993 Storm Drainage Master Plan, provided that an appropriate funding mechanism is identified and approved by the City Council. [Previous Program N-36] [N112]

POLICY S4.2 Promote the inclusion of Low Impact Development (LID) measures such as rainwater harvesting and storm runoff infiltration in private

Comment [JJ41]: PTC change from Program to Policy

Comment [GG42]: City staff suggestion

Comment [GG43]: PTC

Comment [GG44]: PTC

SAFETY ELEMENT

developments and public improvement projects, when feasible, as required by the City's storm water discharge permit. [PTC] [NEW POLICY] [N113]

POLICY S4.3 Maintain and improve implementation of the City's Integrated Pest Management Policy with periodic assessments of pesticide use and use of Best Management Practices to reduce pesticide applications and toxicity, and maximize non-chemical control. [PTC] [NEW POLICY] [N114]

Program S4.3.1 Continue promoting sustainable low impact landscaping practices. [PTC] [NEW PROGRAM] [N115]