

Safety and Noise Chapter: Evaluation of Existing Policies and Programs

Key

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| | Tier 1: Policies that are high priority; programs that should be implemented within 5 years. |
| | Tier 2: Policies that are lower priority; program that should be implemented in years 5-20. |
| | Tier 3: Policies and programs that have lower relative priority and will not be included in the new General Plan. |
| | Tier 4: Policies or programs that have been fully implemented and will not be included in the new General Plan. |

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| Policy 1 Seismic Hazards. Reduce the risk of loss of life, personal injury, and damage to property resulting from seismic hazards. | | | Carry forward | How? | This is an overall GP policy statement. The “hows” are contained in the subsequent programs (1.1 to 1.5). |
| Program 1.1 Continue to require geotechnical and engineering geology reports by consulting Certified Engineering Geologists and/or Registered Geotechnical Engineers for development proposals on sites in seismically and geologically hazardous areas and for all critical structures. These reports should include, but not be limited to: evaluation and recommendations to mitigate the effects of ground shaking, landslides, surficial debris flows, expansive soils, subsidence and | Novato Municipal Code Chapter 6, Excavation and Fills, requires written reports by soils engineer when excavation/fill permits are required. Novato Municipal Code Section 19.26.030.D, Hillside & Ridgeline Protection, requires geotechnical report for development on slopes over 10%. SF Map 1 used when evaluating development projects to aid in determining need for and level of geotechnical reports required. | | Carry forward but add “for new construction and grading as required by City code” at end. Also add sentence regarding implementing recommendations of the geotechnical reports through planning, grading and building permit process. Delete reference to SF Map 1 as maps included in the General Plan showing earthquake damage levels (if any) will be for general reference and not for | | |

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| settlement, fault displacement, Bay mud areas, and all areas shown on SF Map 1 as damage level moderate or heavy. Reference must also be made to standard geological and geological hazards maps. | | | evaluating need for geological reports. | | |
| Program 1.2 Continue to require measures to mitigate seismic hazards for structures. | The City has adopted the 2013 California Building Code (CBC) which specifies seismic standards for structures | | Delete, program implemented. Geotechnical reports required in Program 1.1. | | |
| Program 1.3 Continue to require professional inspection of foundation and excavation, earthwork, and other geotechnical aspects of site development during construction, on those sites specified in geologic and geotechnical studies as being prone to moderate levels of seismic hazard, in accordance with the current version of the Uniform Building Code. | The City's Public Works department or Building Division inspects all site development and/or requires certification of specific geotechnical aspects by a registered geotechnical engineer. Muni Code Section 19.26, "Hillside and Ridgeline Protection," requires submittal of a geotechnical report for any proposed development on average slopes of 10% or greater. In addition, the City typically requires a geotechnical report with any tentative map application or significant single lot Use Permit application. | | Delete, program is routinely implemented as part of the building and grading permit process. | | |

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| Program 1.4 Continue to monitor and review existing critical high-priority buildings to ensure structural compliance with seismic safety hazards. | New construction must meet current Building Code for seismic safety. | Staff, time, cost | Delete. The City does not have the staff or funds to monitor and review existing critical high-priority buildings. | | |
| Program 1.5 Provide information to the public on ways to reinforce buildings to reduce damage from earthquakes and what to do in the event of an earthquake. | In progress. The Building Official has been working on an information packet/program regarding ways to reinforce buildings. His intention is to take the packet/ program to the Council for public comment and approval. | Building Official has retired | Carry forward, but relocate earthquake response portion to Public Safety chapter. | | |
| Policy 2 Building in Areas With Significant Risk Potential. Discourage construction of high density residential, and other critical, high-occupancy or essential services buildings in high risk zones. | Reviewed through CEQA. Geotechnical studies required for hillside development per Muni Code Section 19.26. | | Delete. Risk potential is a factor considered in CEQA analysis of new projects. | | |
| Program 2.1 Continue to require adherence to the Uniform Building Code for Seismic Risk Zone 4 in order to protect against seismic hazards. | New construction must adhere to the California Building Code (CBC), Zone 4. | | Delete, program is routinely implemented through the building permit process. | | |

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| <p>Program 2.2 Establish setbacks from active fault traces for structures intended for human occupancy.</p> | <p>There are no active fault traces in Novato; however, seismic safety is evaluated through the CEQA process.</p> | | <p>Delete, program is unnecessary.</p> | | |
| <p>Policy 3 Slope and Soil Instability. Continue to enforce existing regulations and procedures to identify potential hazards relating to geologic and soil conditions.</p> | | | <p>Retain. Revise as follows: “Enforce existing regulations and procedures to identify and avoid or mitigate potential hazards relating to geologic and soil conditions.”</p> | | |
| <p>Program 3.1 Require evaluation of all slopes, unstable land, areas susceptible to liquefaction or settlement, and areas containing expansive soils for safety hazards prior to issuance of any discretionary approvals, and require appropriate mitigation measures.</p> | <p>Muni Code Section 19.26, "Hillside and Ridgeline Protection," requires submittal of a geotechnical report for any proposed development on average slopes of 10% or greater. In addition, the City typically requires a geotechnical report with any tentative map application or significant single lot Use Permit application.</p> | | <p>Combine with Program 1.1.</p> | | |

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| <p>Program 3.2 Require that development in areas identified by SF Map 2: Slope Instability be evaluated and, as appropriate, supervised by a Certified Engineering Geologist or a Registered Geotechnical Engineer.</p> | <p>Muni Code Section 19.26, "Hillside and Ridgeline Protection," requires submittal of a geotechnical report for any proposed development on average slopes of 10% or greater. In addition, the City typically requires a geotechnical report with any tentative map application or significant single lot Use Permit application.</p> | | <p>Delete. If a map showing slope instability is included in the General Plan, it will be for general reference purposes only and not for evaluating need for geotechnical reports.</p> | | |
| <p>Program 3.3 Require financial protection for public agencies and individuals as a condition of development approval where geological conditions indicate a potential for high maintenance costs.</p> | <p>Subdivision Improvement Agreement and/or grading permit may require bonds, but typically not ongoing maintenance costs unless a community services district is formed to fund ongoing maintenance.</p> | <p>Staff, time, resources</p> | <p>Consider retaining and adding consideration of ongoing maintenance costs.</p> | <p>Is on-going maintenance included?</p> | <p>Projects are conditioned to mitigate geologic hazards and provide suitable improvements. The City should carefully consider the risk associated with an acceptance of open space with identified geologic hazards. Only a Community Facilities District applied to new development or approved by a majority of existing property owners can fund on-going maintenance. May be worthwhile on very large projects (e.g., Hamilton), but not cost effective for smaller projects.</p> |

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| Program 3.4 Require repair, stabilization, or avoidance of landslides, or areas of soil creep or possible debris flow, as a condition of project approval. | Done through environmental review/mitigation | | Consider combining with Program 3.1 | | |
| Program 3.5 Review and consider revising the Grading Ordinance. | NMC Chapter 6, Excavation and Fill, has not been amended/ revised since 1990. | | Carry forward. | Do we say that site grade shall be such to integrate with site for minimal disturbance of natural grade or sensitivity to natural grade? | The Hillside Ordinance places significant limitations on modifications to natural grade. |
| Policy 4 Enhanced Floodwater Storage. Support measures to manage, protect and increase the floodwater storage capacity where appropriate. | Novato Watershed Study is underway and may be completed in time to incorporate in the General Plan. | n/a | Carry forward and update based on the results of the Novato Watershed Study. | | |

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| <p>Policy 5 Use of Updated Flood Rate Insurance Maps. Use the Federal Emergency Management Agency's Flood Insurance Rate Maps [FIRM] to: reduce risk of flooding; identify 100-Year Flood Events; and calculate flow rates within identified stream channels.</p> | <p>Federal Emergency Management Agency (FEMA) released updated maps in draft form for review by local agencies. Public Works retained Stetson Engineering to evaluate validity of the map updates.</p> <p>In 2013 the City sent FEMA comments from Stetson Engineers who reviewed the technical hydrologic and hydraulic analysis used to develop the draft preliminary FIRM Maps. In addition, City staff reviewed the preliminary maps and made comments on map features and labeling; FEMA issued the preliminary revised FIRM maps to the public in May 2014. Community workshops were held in June 2014 by FEMA. After a mandatory appeals period and review, FEMA will issue the Final FIRM maps in September 2015.</p> | <p>Depending on the anticipated changes to the FIRM maps, it may be very difficult for property owners to purchase flood control insurance.</p> <p>This may continue to change as more information is learned regarding the effects of sea level rise.</p> | <p>Retain and reword as a policy statement.</p> <p>Need to include information about sea level rise and tsunami damage, as in "reduce risk of flooding; identify 100-Year Flood Events; <u>limit the impacts of sea level rise; limit the impacts of tsunami damage;</u> and calculate flow rates within identified stream channels."</p> | | |

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| <p>Program 5.1 Use current Flood Insurance Rate Maps in the review of development proposals.</p> | <p>Current practice.</p> | | <p>Modify as follows: “Use current Flood Insurance Rate Maps and <u>National Oceanic and Atmospheric Administration (NOAA) recommendations associated with base flood elevation adjustments for sea level rise</u> in the review of development proposals.”</p> | | |
| <p>Program 5.2 Continue to enforce the City’s Flood Damage Prevention Ordinance.</p> | <p>Novato Municipal Code 5.31, Flood Damage Prevention Requirements, is administered by the City Engineer.</p> | | <p>Delete, ordinance adopted.</p> | | |
| <p>Program 5.3 Continue to participate in the National Flood Insurance Program.</p> | <p>This has provided residents with the benefit of being able to purchase flood insurance at reasonable rates. The City has achieved and maintained a CRS rating of 6 since 2011.</p> | <p>The FIRM maps are in a state of flux as FEMA works through an update to account for sea level rise. This may take several iterations.</p> | <p>Carry forward; however, there may be additional policies to address properties that may end up significantly out of compliance due to the FIRM revisions.</p> | | |

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| <p>Policy 6 Cooperation with Marin County. Continue to work with the Marin County Public Works Department to minimize negative impacts of storm runoff.</p> | <p>Novato is an active partner with the Marin County Flood Control & Water Conservation District and Marin County Stormwater Pollution Prevention Program (MCSTOPPP).</p> | | <p>Revise to refer to the Marin County Flood Control and Water Conservation District and the Marin County Stormwater Pollution Prevention Program (MCSTOPPP) rather than the Marin county Public Works Department.</p> | | |
| <p>Program 6.1 Request that the County refer all development proposals located outside the City limits of Novato but within the Sphere of Influence to ensure that additional storm drainage runoff resulting from development occurring in unincorporated areas is adequately mitigated through improvements on site and downstream.</p> | <p>Referrals are sent by the County on any properties within the Sphere of Influence.</p> | <p>The City's Sphere of Influence was reduced in 2002 to be coterminous with the City incorporated boundary in most areas. This action significantly reduced the number of County application referrals received by the City.</p> | <p>Revise to state City will pursue an agreement with the County regarding referral of development proposals adjacent to the City boundary and within the Sphere of Influence. Consider relocating to Land Use chapter.</p> | | |

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| <p>Policy 7 Funding Sources. Continue to cooperate with the Marin County Flood Control and Water Conservation District and other Marin jurisdictions in pursuing all available sources of funding to finance improvements to storm drainage facilities.</p> | <p>Flood Control District Zone 1 is an existing assessment district established under Chapter 68 of the State Water Code in 1955.</p> <p>The City initiated a citywide Runoff Fee of \$15 per parcel per year to help fund National Pollutant Discharge Elimination System (NPDES) street sweeping and storm drain cleaning activities.</p> <p>The Novato Creek Watershed study will ultimately identify capital needs and propose a financing strategy.</p> | <p>Prop 218 requires 2/3 vote for any new assessment or tax. The City Attorney has also concluded that alteration of the Runoff Fee would require compliance with Prop 218.</p> | <p>Retain and modify to change the word “jurisdictions” with “agencies” as the only other financial partners are North Marin Water District and Novato Sanitary District.</p> <p>Include a reference to the existing assessment district, Flood Control District Zone No. 1, as the critical financing body.</p> <p>More information about the funding needs and opportunities are likely to be included in the Novato Creek Watershed study. This will likely result in a tax measure or property assessment recommendation.</p> | | |

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| <p>Policy 8 Reducing Flood Hazards. Reduce flood risk by maintaining effective flood storm drainage systems, and regulating construction.</p> | | | <p>Carry forward. This item will need to be modified and updated to conform to the new requirements in the NPDES permit, including enhanced maintenance and monitoring activities in addition to low impact development and post construction best management practice requirements.</p> <p>Revise as follows: “Reduce flood risk by <u>properly</u> maintaining effective flood storm drainage systems, <u>natural flood control channel and waterways</u> and regulating <u>runoff from new construction and development projects.</u>”</p> | | |
| <p>Program 8.1</p> | <p>Currently standard process.</p> | <p>New NPDES</p> | <p>Carry forward. Need to</p> | | |

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| Condition new development to maintain post development peak runoff rate and average volume similar to the predevelopment condition to the maximum extent practicable. | | standards. | update and modify to be in compliance with new NPDES standards. | | |
| Program 8.2 Require runoff rate/volume analysis of projects where deemed necessary by City staff. | Currently standard process. | New NPDES standards. | Carry forward. Need to update and modify to be in compliance with new NPDES standards. Consider combining with Program 8.1. | | |
| Program 8.3 Require all development in the 100 year flood zone to comply with the floodplain zoning requirements in the Novato Municipal Code. | Currently standard process. | New NPDES standards. | Carry forward. Need to update and modify to be in compliance with new NPDES standards. | | |
| Program 8.4 Require approved projects to cover the costs of drainage facilities needed for surface runoff. | Currently standard process. | New NPDES standards. | Carry forward. Need to update and modify to be in compliance with the Phase II NPDES permit standards. | | |

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| <p>Program 8.5 Require analysis of the cumulative effects of development upon runoff, discharge into natural watercourses, and increased volumes and velocities in watercourses and their impacts on downstream properties. Include clear and comprehensive mitigation measures as part of project approvals with financial and other measures to ensure their implementation.</p> | <p>Currently standard process.</p> | <p>New NPDES standards.</p> | <p>Delete, accomplished through CEQA and development review process.</p> | | |
| <p>Program 8.6 Request that the North Marin Water District maintain a file of inundation maps and drainage plans for existing and new water storage tanks in the City.</p> | <p>The North Marin Water District is in the process of updating their 1973 dam failure inundation maps using a consultant to perform the necessary hydraulic analysis. The updated mapping information will be presented on ABAG's Dam Failure Inundation Mapping website (where the current information is presented) and local GIS systems. Current mapping is also on file at the County's Community Development Agency.</p> | | <p>Carry forward.</p> | | |

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| Policy 9 Storm Drainage System. Maintain unobstructed water flow in the storm drainage system. | | | Carry forward and reword. | | |
| Program 9.1 Enforce measures to minimize soil erosion and volume and velocity of surface runoff both during and after construction through implementation of the Grading Ordinance. | Currently standard process. | New NPDES standards. | Carry forward. Need to update and modify to be in compliance with new NPDES standards for low impact development and post construction best management practices. | | |
| Program 9.2 Continue to carry out annual inspection and maintenance of drainage systems | Currently standard process. Staff utilizes Runoff Fee proceeds to perform routine street sweeping, storm drain cleaning and video inspection. | New NPDES standards. Over the past several years, staffing levels have declined to a point where continuing to consistently provide this service is becoming more challenging. In addition, with the new BAAQMD emission requirements, the City has had to replace its sweeper fleet. The new | Carry forward. Need to update and modify to be in compliance with new NPDES standards. Revise to include inspection and maintenance of siltation and detention facilities. Include need to provide sufficient staff resources. | Need to advise public as to why their streets are not being swept. Karla Court is an example where I receive complaints. | Current equipment and staffing levels allow street sweeping every 6± weeks. The public can inquire about which of the City's 16 zones will be swept via the Street Sweeping Hotline via the Public Works webpage. The new website should improve the ease of getting this information out. |

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| | | sweeper units that meet air quality standards come at a much higher cost. Some of these activities, such as storm drain cleaning and video inspections are become reactive instead of proactive. | | | |
| Program 9.3 Require, where necessary, construction and maintenance of siltation/detention ponds be incorporated into development project design. | Currently standard process. The last detention pond constructed was part of the Pointe Marin development. Funds were collected from the developer to affect at least one cleaning event. | New NPDES standards. | Delete. Addressed in new NPDES requirements and in Program 9.2 as rewritten. | | |
| Program 9.4 Periodically assess the need to establish improvement districts and other financing mechanisms to fund storm drainage and watercourse improvements to minimize flood hazards. | Flood Control District Zone 1 is an existing assessment district established in 1955 under Chapter 68 of the State Water Code. The City initiated a citywide Runoff Fee of \$15/parcel/year to help fund NPDES street sweeping and storm drain cleaning activities. The Hamilton community pays an assessment to maintain flood control | Reduced staffing has made these detailed evaluations extremely challenging resulting in a heavy reliance on consultants. In addition to limited staffing, the Department also | Carry forward. Need to update and modify to be in compliance with new NPDES standards. | After update should we determine what would need to be done dollar-wise and staff-wise to be compliant? Then advise the public. | NPDES compliance continue to tax staffing resources. Upcoming state regulations will significantly increase on-going maintenance costs and will likely require an increased runoff fee to meet state mandates. |

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| | <p>facilities incl. 2 pump stations, a levee and storm drain infrastructure. City is preparing a Storm Drain Master Plan which will include drainage design standards including requirements of the new Phase II NPDES as well as storm drainage system O&M procedures</p> | <p>has limited funding sources. With the need for consultant and contract services come increased costs.</p> <p>Prop 218 requires 2/3 vote for any new assessment or tax. The City Attorney has also concluded that alteration of the Runoff Fee would require compliance with Prop 218.</p> | | | |
| <p>Policy 10 Hazards of Dam and Levee Failure. Ensure that the design and location of dams and levees are in accordance with all applicable design standards of the California Division of Safety of Dams.</p> | <p>The City works with the North Marin Water District and Marin County Flood Control and Water Conservation District to ensure that the design and location of dams are in accordance with all applicable design standards. The design of new levees must meet the requirements of 44 CFR 65.10, including certification documentation that demonstrates the levee meets design and construction standards for at least the one-percent-annual-chance flood.</p> | | <p>Modify. The policy should be updated to reflect the authority of agencies that regulate dams and levees.</p> | | |

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| Program 10.1 Continue to enforce City Code Chapter V regulating dams. | Dams are regulated by other agencies (North Marin Water District and Marin County Flood Control and Water Conservation District). | | Modify. Novato Municipal Code Chapter 5 should be reviewed for conformance with the regulating agencies. | | |
| Program 10.2 Review new levees for seismic and hydrological safety. | For levees that provide flood protection, FEMA requires that the levees are designed in accordance with the US Army Corps of Engineers (USACE) engineering standards. There are currently no recognized state or federal “standards” for levee design and construction. | | Modify and combine with Program 10.1. As levees are regulated by other agencies, Novato Municipal Code Chapter 5 should be reviewed for conformance with the regulating agencies and reference their authority. | | |
| Program 10.3 Request that the North Marin Water District keep dam inundation maps on file for review of property owners located in areas of possible inundation. | | | Delete, similar to Program 8.6. | | |

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| <p>Policy 11 Rising Sea Level. Consider the potential for sea level rise when processing development applications that might be affected by such a rise.</p> | | | <p>Modify based on recommendations from Sea Level Rise White Paper. There may be additional language recommended by the Regional Water Quality Control Board and NOAA regarding proactively addressing sea level rise.</p> <p>May want to consider combining with Policy 5.</p> | | |
| <p>Program 11.1 Work with the County Flood Control and Water Conservation District to prepare a plan for responding to potential rise in sea level. Consider developing flood control projects and modifying the City's land use regulations for areas subject to increased flooding from sea level rise.</p> | | | <p>Modify based on recommendations from Sea Level Rise White Paper.</p> | | |
| <p>Policy 12 Interagency Cooperation. Continue to cooperate with the appropriate federal, state and local agencies to implement effective emergency plans.</p> | <p>Ongoing. Regular Meetings with County-wide Emergency Managers. The City and Fire District have developed a new joint emergency management program to coordinate planning, exercises and training.</p> | <p>None</p> | <p>Carry forward. Revise to include a directive to also practice emergency plans.</p> | | |

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| Policy 13 Multihazard Emergency Plan. Update the <i>City's Emergency Preparedness Plan</i> , as needed. | The Local Hazard Mitigation Plan was approved by FEMA in 2011. The 2012 Annual Update was approved by City Council in 2013. The Emergency Operations Plan, last updated in 2009 and currently being updated. | None | Revise as a policy statement and update reference to refer to current plans (Emergency Operations Plan and Local Hazard Mitigation Plan). | | |
| Program 13.1 Revise Emergency Preparedness Plan. Revise and implement, as appropriate, the <i>City's Emergency Preparedness Plan</i> to comply with the County's Plan and changing conditions. Revise the plan to conform to the new California Standard Emergency Management System (SEMS) by December 1996. | Operations Plan revised in 2009. Current update in progress. | None | Update to refer to the Emergency Operations Plan and delete last sentence. | | |
| Policy 14 Emergency Facilities. Identify essential emergency facilities and ensure that they will function in the event of a disaster. | | | Revise as a policy statement. | | |
| Program 14. 1 Identify specific facilities, such as City Hall, schools, fire stations, police building and hospitals, and | Critical facilities are identified in the <i>City's Hazard Mitigation Plan</i> . Generator added to primary shelter at Margaret Todd Senior Center. | None | Carry forward | | |

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| lifelines, such as telephones, electric, gas, water and sewer service critical to effective emergency/disaster response, and evaluate their abilities to survive and operate efficiently immediately after a disaster. Designate alternative facilities for post-disaster assistance in the event that the primary facilities have become unusable. | Emergency Operations Center (EOC) & Alternative EOC identified. "Back-up" Dispatch Center identified access via Marin County Sheriff's Office. | | | | |
| Program 14.2 Minimize potential earthquake damage to existing publicly owned buildings and emergency facilities through strengthening building structure, eliminating hazardous features, or relocating facilities to safer buildings where feasible. | Review of City buildings and EOC facilities as needed. New City Hall building at 922 Machin was constructed with current building earthquake codes & standards. | None | Carry forward. | | |
| Program 14.3 Maintain emergency evacuation routes system. Consider establishing evacuation route standards, such as road widths. | Part of EOC Preparation efforts. Route Maps created in cooperation with Novato Fire District and available to first responders. | None | Delete. Evacuation routes are intended for use by first responders, as actual routes may need to be modified in the field during actual emergencies. | | |

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| <p>Program 14.4 Publicize the City’s evacuation routes and other aspects of its <i>Emergency Preparedness Plan</i>. Work towards creating neighborhood disaster systems and ways to identify and focus on people in need during emergencies.</p> | <p>Advertising of routes have been publicized in the overall Emergency Operations Plan. Emergency Operations Plan is available on-line. City provides “Get-Ready” course for the public.</p> | <p>Lack of Emergency Management Staff</p> | <p>Delete. Evacuation routes are intended for use by first responders, as actual routes may need to be modified in the field during actual emergencies.</p> | | |
| <p>Program 14.5 Maintain designated evacuation routes in a passable condition at all times, as feasible.</p> | <p>Maintaining evacuation routes in passable condition is a priority during emergency response.</p> | <p>None</p> | <p>Delete, program is ongoing City function.</p> | | |
| <p>Policy 15 Fire Hazard Severity Scale. Adopt and use the Fire Hazard Severity Scale for the classification of fire hazards in wildland areas.</p> | <p>The State of California has mapped State Responsibility Areas (SRA). In addition to the SRA, the Novato Fire Protection District (NFPD) as the local responsible agency has adopted the Wildland Urban Interface (WUI) ordinance which has also been ratified by the City of Novato.</p> | | <p>Delete, policy is responsibility of the Novato Fire Protection District.</p> | | |
| <p>Policy 16 Fire Risk in New Development. Review all development proposals for fire risk, and require mitigation measures to reduce the probability of fire.</p> | <p>City referrals to NFPD; ongoing. Adoption of Wildland-Urban Interface code requirements by Novato Fire protection District and City.</p> | | <p>Carry forward</p> | | |

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| <p>Program 16.1 Continue the Novato Fire Protection District’s review of all development proposals to reduce fire risk.</p> | <p>City referrals of new development projects to NFPD; ongoing.</p> | | <p>Delete, standard practice.</p> | | |
| <p>Program 16.2 Require new development within mapped high fire hazard zones established by the Novato Fire Protection District and/or the Marin County Fire District to develop and implement a Vegetation Management Plan. (Refer to SF Map 4). The plan shall be part of the development application and approved by the Novato Fire Protection District and the City. The plan shall be developed by an arborist or vegetation management specialist. The City shall work with the Fire District to ensure that actions recommended in the plan are implemented. The Novato Fire Protection District has the right to review properties to judge whether actions recommended in the Vegetation Management Plan are being</p> | <p>Implemented by State Responsibility Area and Wildland-Urban Interface regulations and NFPD Standard 220, Vegetation Management Plan.</p> | | <p>Carry forward and revise to include Wildland-Urban Interface (WUI) areas. Revise SF Map 4</p> | | |

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| properly implemented in a timely fashion. | | | | | |
| Program 16.3 Establish overlay zoning districts for high fire hazard areas establishing fire-resistant vegetation buffer zones around structures. | A high fire hazard zoning overlay district has not been established. The NFPD has adopted the WUI Ordinance which has been ratified by the City which maps high fire hazard areas. | If a high fire hazard zoning overlay was created based on the WUI developed by the NFPD, any changes to the WUI would require a zoning amendment / change which would require staff time and cost. | Delete, program implemented through adoption of WUI zone. | Could a new program be approved by Council calling for the Fire District to reexamine its WUI requirements for home remodels, including the need to replace all windows with tempered glass? | Yes, the Council could add such a program. |
| Program 16.4 Assess development applications on sites beyond a five-minute response time from a fire station to ensure that acceptable mitigation measures are provided. | Implemented through adoption of the Fire Code and other ordinances, i.e. Sprinkler ordinance | The NFPD does not have a “five-minute” response time. | Delete. | | |
| Program 16.5 Continue to enforce the Fire Safety Ordinance requirements for sprinkler systems or all new commercial/industrial development greater than 2,500 square feet, and all new residential development regardless of size. | Adoption of the Fire Code establishing sprinkler system requirements. Building Code amended to require residential sprinkler systems for substantial remodels and all additions to residential structures with existing sprinkler systems. | | Modify to delete minimum threshold for commercial development. Include substantial remodels. | Apply to commercial or residential developments. | Staff’s intent is to retain the program, but eliminate the specific square footage trigger for commercial, which no longer applies. |

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| Program 16.6 Limit building envelopes in high fire risk areas to provide for “defensible space” against fires. | Referrals to NFPD ; ongoing | | Combine with Program 16.2. | | |
| Policy 17 Level of Fire Protection. Work with Novato Fire Protection District to help ensure a continued high level of fire protection. | | | Delete, unnecessary policy. | | |
| Program 17.1 Continue to require all new development to meet the adopted fire safe regulations developed by the state and as an appendix to the Fire Code. | Adoption of Fire Code Referrals to NFPD by the City | | Carry forward and delete reference to the Fire Code appendix. | Can this be combined with any other policies/programs? | Policies 17 and 19 and associated programs could be combined to address compliance with both the fire and building codes. |
| Program 17.2 Continue the City’s residential resale inspection program that requires inspection of existing residential property to be performed by a building inspector prior to the close of escrow. | Identifies and corrects unpermitted work, increases life safety for occupants. NMC 4.8, Residential Resale Reports, requires a residential resale report to be prepared prior to the exchange of any residential property. | | Carry forward and relocate to programs under Policy 19, as the program relates more to general building safety, not just fire. | | |
| Program 17.3 Ensure that new traffic signals | Implemented through the Emtrac System for signals mutually agreed | | Carry forward | | |

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| include a system which allows emergency vehicles to change the signal. | upon by the NFPD and the City. Reduces response times. | | | | |
| <p>Program 17.4 Require adequate access for emergency vehicles, adequate street width and vertical clearance, and parking restrictions for new development. All development that includes private access roads or fire roads shall provide access rights and keys to any gates in the Novato Fire Protection District, and shall be deeded accordingly.</p> | <p>Adoption of Fire Code NFPD Standard 210, Roadway, Driveway, and Bridges NMC 5.45, Streets</p> | | Revise to include adequate access requirement for driveways. | | |
| <p>Policy 18 Vegetation Management. Implement an effective and environmentally sound vegetation management and weed abatement program.</p> | <p>Adoption of Fire Code NFPD Standard 220, Vegetation Fuels Management Plan NFPD annual weed abatement</p> | | Delete, program is responsibility of the NFPD. | | |
| <p>Program 18.1 Continue to require the use of the following methods of weed</p> | NFPD Standard 220, Vegetation Fuels Management Plan. | No standard requirement for weed removal, | Delete, covers several topics and is too detailed. | | |

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| <p>abatement wherever possible: use of mechanical rather than chemical removal of weeds; reseeding with native bunchgrass varieties in sloping disturbed soils; and limiting weed abatement activities in areas with known endangered plant and animal species. Strongly encourage a zone system of landscaping, as per Fire District standards, for defensible space around buildings in high fire risk areas.</p> | <p>NFPD annual weed abatement program; however, this program is voluntary and does not require mechanical rather than chemical removal of weeds.</p> <p>Condition of approval for City approved projects.</p> <p>There are no formal adopted ordinances requiring mechanical rather than chemical removal of weeds; reseeding with native bunchgrass in sloping disturbed soils; and limiting weed abatement activities in areas with known endangered plant and animal species.</p> | <p>reseeding</p> | | | |
| <p>Policy 19 State Building Code. Continue to enforce the State Building Code (UBC).</p> | <p>California Building Code (CBC) adopted every 3 years</p> | | <p>Modify to state policy is to promote safe buildings through active building plan check and inspection program.</p> | | <p>See above – combine with Policy 17.</p> |
| <p>Program 19.1 Continue to update and enforce the City’s Building Code and Fire Code provisions.</p> | <p>The City Building Code and the NFPD Fire Code are adopted every 3 years.</p> <p>Provides for fire and life safety in the built community.</p> | | <p>Carry forward</p> | <p>Why separate from Policy 19?</p> | <p>See above – combine with programs under Policy 17.</p> |

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| <p>Program 19.2 Continue to require a greater degree of fire resistance in roof coverings and exterior building materials for structures within or adjacent to hazardous areas than what is specified in the UFC, as determined by the Chief Building Official upon making of findings specified in Health and Safety Code § 13143.4.</p> | <p>An amendment to the building code was adopted which applies to all new roofs.</p> <p>Improves ignition resistant roof materials, reduces the number of fire prone roofs, helps stop building to building ignition</p> | | Delete, ordinance adopted. | | |
| <p>Policy 20 Peak Load Water Supply. Work with the North Marin Water District and the Novato Fire Protection District to ensure that there exists sufficient water flow in fire hydrants throughout Novato, based on peak demand.</p> | <p>NFPD and City work with NMWD Master Plan.</p> <p>Provides for adequate fire flow, helps keep insurance rates down</p> | | <p>Revise to state the City will ensure new development meets the peak load water supply standard of the Novato Fire Protection District.</p> <p>Description needs to be revised to reflect current minimum of 1,500 gallons per minute with 20 pounds per square inch residual pressure.</p> | | |
| <p>Program 20.1 Continue to require that all new developments be provided with sufficient fire flow facilities at the time of permit issuance.</p> | Project referral to NMWD and NFPD | | Delete, implemented routinely as part of building permit process. | | |

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| <p>Policy 21 Mutual Aid Agreements. Continue to participate in mutual aid agreements with the County and State fire fighting agencies.</p> | <p>Adopted agreement by NFPD and local fire agencies. Provides for effective fire fighting response.</p> | | <p>Delete. Mutual Aid Agreements entered into by the Novato Fire Protection District, not the City.</p> | <p>Does our PD/PW participate in mutual aid, or is this fire only?</p> | <p>Public Works does not officially participate in mutual aid with other cities/counties.</p> <p>Mutual Aid in California is governed by a Statewide Master Mutual Aid Agreement and a series of discipline specific plans, such as for Law, Fire, Coroners, etc.</p> <p>Informal mutual aid occurs daily and can be as simple as a Novato Officer standing by with a Deputy during a traffic stop.</p> <p>Formal mutual aid requires that we have reasonably committed a significant amount of our available on duty resources for an unplanned event.</p> <p>When mutual aid is requested, Novato requests through the Marin Operational Area and they try to find resources within Marin. If they can't, they</p> |

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| | | | | | reach out to the Regional Coordinator to get resources from Region II Bay Area plus). If that is insufficient, the Regional Coordinator contacts the State Operations Center. |
| <p>Policy 22 Fire Hazard on Public Lands. Public lands should be managed to minimize the chances of a wildfire that would affect residences and businesses in Novato.</p> | <p>NFPD works with other public agencies on fire complaints on public lands Reduces liability for public agencies.</p> <p>Public works cuts along street edges and wildland urban interfaces (WUI) areas.</p> | | Carry forward | | |

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| <p>Program 22.1 The City should request that the Marin County Open Space District and other public agencies assess the wildland fire hazard on their holdings within and adjacent to the City. If these assessments indicate a significant hazard to residents of Novato, the City should request that the agency take steps to reduce the fire hazard to an acceptable level.</p> | <p>The County Open Space and County Flood Control District both manage their respective wildland fire hazard areas. The NFPD monitors interface areas that belong to the City and notifies Public Works of any potential hazards. NFPD working with other public agencies on identifying existing and future VMP (vegetation management plan) on public lands.</p> | | <p>Revise as follows: “The City should request that the Marin County Open Space District and other public agencies assess <u>and reduce</u> the wildland fire hazard on their holdings within and adjacent to the City. If these assessments indicate a significant hazard to residents of Novato, the City should request that the agency take steps to reduce the fire hazard to an acceptable level.””</p> | | |
| <p>Policy 23 Demand for Police Services. Review development proposals for their demand for police services and implement mitigating measures to maintain adequate police services.</p> | <p>Police no longer review development projects. Planning Department refers development applications with higher potential for criminal behavior to the Police Department. Code enforcement has been trained in Crime Prevention Through Environmental Design (CPTED) and will be reviewing new multifamily development for crime-free design.</p> | <p>Staff cutbacks.</p> | <p>Delete. Staff attempting to do this with insufficient resources.</p> | <p>How can we be assured that Police Dept. review of development will continue to occur? Agree with staff recommendation to delete.</p> | <p>The Planning Commission recommended retaining this policy and revising to be more specific re: the types of development that we wish to have PD review to most effectively utilize their resources. Staff supports the Planning Commission recommendation to more narrowly define the types of new development that</p> |

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| | | | | | would be desirable for Police review (e.g., financial institutions, check cashing, bars). |
| Program 23.1 Consider the impacts on level of police services of large development proposals in the environmental review and planning process. Mitigating measures shall be implemented that may include the levying of police impact fees for capital facilities, if warranted. | Police monitor crime types and levels at various locations throughout the city. This data is used in determining operation deployments. | Development plans used to be referred to the Police Department for review and comments; however, the Police Department discontinued their review due to budget cuts. | Delete. There are unlikely to be new developments of such size to significantly affect police services. Police service is a factor in CEQA review. | | |
| Policy 24 Civilian Employees and Equipment. Maintain sufficient civilian employees and equipment to support sworn staff. | Volunteers and civilian staff process and dispose of property and evidence, process records, and assist with transportation needs. Since the program's inception in 2004, volunteers have provided more than 1000 hours of time to the Police Department. | None | Carry forward. | | |
| Policy 25 Community Oriented Services. Continue to provide community-oriented police services. | NPD hosts Citizen and Youth Academies. Participate in numerous committees i.e. Novato Youth Center, Novato Human Needs Center, Novato Leadership, Multi-Culture, Blue Ribbon, & Downtown Business | None | Revise to read: "Provide community-oriented police services. Seek opportunities to enhance current programs and opportunities to collaborate with other | Should we clarify that the Novato Response Team goes away if the tax measure doesn't pass? However, community-oriented police services will always remain. | The policy does not specifically cite the NRT. |

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| | <p>Association.</p> <p>Numerous awards, grants, and the establishment of a network of contacts throughout the community to enhance the relationships between NPD and the community.</p> <p>In 2012, Police Department implemented the Novato Response Team, which is funded through a US Department of Justice grant and Measure F funding to proactively address community crime issues.</p> | | <p>departments, organizations and community groups within the City of Novato.”</p> | | |
| <p>Policy 26 Level of Emergency Medical Response. Encourage the Novato Fire Protection District to continue maintaining a high level of emergency medical response.</p> | <p>Not within the Novato Police Department’s area of specific responsibility.</p> | | <p>Delete.</p> | | |
| <p>Program 26.1 Periodically review the effectiveness of the emergency medical response system as part of the City’s Emergency Preparedness Plan.</p> | <p>Responsibility of the Novato Fire Protection District.</p> | | <p>Delete, not a City responsibility.</p> | | |
| <p>Policy 27 Novato Community Hospital's Emergency Department. Continue to encourage Novato</p> | <p>Ongoing; liaison with Hospital Staff and collaborate on any identified shared interests.</p> | <p>City has no responsibility for Sutter Health facilities.</p> | <p>Delete, not a City responsibility.</p> | | |

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| Community Hospital to maintain its emergency department and acute care facilities. | | | | | |
| Program 27.1 Identify actions the City can carry out to support the Novato Community Hospital Emergency Department. | | City has no responsibility for Sutter Health facilities and operations. | Delete, not a City responsibility. | | |
| Program 27.2 Encourage other providers to maintain emergency and acute care facilities. | Not within the Novato Police Department's area of responsibility. | Outside of City's responsibility. | Delete, not a City responsibility. | | |
| Policy 28 Measures to Reduce Hazards. Consider measures to protect the public health from the hazards associated with the transportation, storage, and disposal of hazardous wastes (TSD Facilities). | Compliance with all relative laws and safety considerations. Hazardous Material collection containers established at City Corporation Yard. | | Carry forward. | Are there also hazardous wastes at recycling center and is Novato Sanitary responsible for this? | Yes to both. |
| Program 28.1 Continue to refer land use and | The Planning Department refers projects to the appropriate agency for comment if a new use or development | | Combine with Policy 28. | | |

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| transportation decisions and other programs involving hazardous materials regulations to the appropriate agencies. | involves hazardous material. Police Department notifies appropriate disposal agencies when hazardous material poses an immediate danger. | | | | |
| Program 28.2 Support the establishment of a household hazardous waste collection and disposal program. | Novato Sanitary District maintains a Household Hazardous Waste (HHW) Facility at 7576 Redwood Blvd. | | Delete, program implemented and responsibility of the Novato Sanitary District. | | |
| Program 28.3 Consider adoption of a Hazardous Materials and Waste Ordinance that defines hazardous waste and hazardous materials and facilitates implementation of State and County regulations and programs regarding hazardous substances. | City Muni Code Section #7-2- Garbage & Hazardous Waste Ordinance adopted by City Council. | None | Delete, ordinance adopted. | | |

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| <p>Program 28.4 Continue to implement the Commercial Occupancy Ordinance requiring notification of all hazardous substances that are transported, stored, treated or could be released accidentally into the environment.</p> | <p>Novato Municipal Code Section 4-11, Notice of Change of Commercial and Industrial Occupancy, adopted by City Council</p> | <p>None</p> | <p>Delete, ordinance adopted.</p> | | |
| <p>Policy 29 CEQA Review of Proposed TSD Facilities. Support thorough environmental review for hazardous waste transportation, storage and disposal (TSD) Facilities proposed in the Novato area and throughout Marin County, since the potentially significant, widespread, and long-term impacts on public health and safety of these facilities do not respect jurisdictional boundaries.</p> | <p>Zoning Code does not permit these facilities in the City.</p> | | <p>Delete</p> | <p>How would others occur or be allowed?</p> | <p>Transportation, Storage and Disposal facilities are large, state-permitted facilities not likely to locate in an urban area.</p> |

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| <p>Program 29.1 Request that the environmental review of proposed hazardous waste TSD facilities shall, at a minimum, contain the following analysis and information: [see text]</p> | <p>Zoning Code does not permit these facilities in the City.</p> | | <p>Delete</p> | | |
| <p>Policy 30 Hazardous Materials Storage. Strictly regulate the storage of hazardous materials.</p> | <p>The Waste Management Division of the Marin County Department of Public Works has been certified by Cal/EPA as the Certified Unified Program Agency (CUPA). The CUPA is the local agency responsible for coordination of hazardous waste generator programs, fuel underground storage tank (UST) management, the tiered permitting process for waste treatment, and administering the Hazardous Materials Business Plan (HMBP) program. Businesses that store, handle, or dispose of hazardous materials must submit a HMBP in accordance with California Health and Safety Code Section 25504. The HMBP must be updated every two years, or within 30 days after a substantial change in site operations. NMC 19.12.030 permits the storage of hazardous materials as an accessory</p> | | <p>Delete, not a city responsibility.</p> | <p>Nor do we permit, correct?</p> | <p>Correct.</p> |

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| | use upon first obtaining a Use Permit. Accessory use may be allowed in accordance with standards as promulgated by the Novato Fire Protection District and all other local, state and federal laws and regulations | | | | |
| <p>Program 30.1 Regulate and enforce the storage of hazardous materials under California Administrative Code Title 19 requirements.</p> | <p>The Waste Management Division of the Marin County Department of Public Works has been certified by Cal/EPA as the Certified Unified Program Agency (CUPA). The CUPA is the local agency responsible for coordination of hazardous waste generator programs, fuel underground storage tank (UST) management, the tiered permitting process for waste treatment, and administering the Hazardous Materials Business Plan (HMBP) program. Businesses that store, handle, or dispose of hazardous materials must submit a HMBP in accordance with California Health and Safety Code Section 25504. The HMBP must be updated every two years, or within 30 days after a substantial change in site operations.</p> | | Delete, not a city responsibility. | | |

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| <p>Program 30.2 Revise the Zoning Ordinance to require secondary containment facilities and a buffer zone adequate to protect public health and safety on properties with hazardous materials storage and/or processing activities.</p> | See above | | Delete | | |
| <p>Policy 31 Truck Routes for Hazardous Materials Transport. Develop, in cooperation with the County and neighboring cities, regulations prohibiting through-transport by truck of hazardous materials on the local street system s and requiring that this activity be limited to State highways.</p> | Novato Municipal Code Section 18-10 establishes truck routes on city streets. Nearly all of the hazardous materials transported to and from Novato are carried by truck on the state highway system. City streets are used to transport locally-generated wastes from the source to the regional highway system. The City has not quantified the amount of hazardous materials that are transported through it in route to other destinations. | | Delete, outside the City's scope of authority. | | |
| <p>Program 31.1 Consider adopting a Local Hazardous Material Route Plan, install signage and publicize routes for hazardous materials transport in Novato, and adopt</p> | See above. | | Delete, outside City's scope of authority or ability to regulate. | | |

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| an ordinance designating specific routes for transport of hazardous materials | | | | | |
| Policy 32 Electromagnetic Field (EMF) Radiation in Land Use Decisions. Consider information regarding EMF radiation from new electrical transmission lines and substations in making land use decisions. | Proposed development projects near existing transmission lines are evaluated based on current EMF information. | | Delete, development near existing transmission lines are evaluated as part of the CEQA process. | | |
| Program 32.1 Consider adopting EMF regulations consistent with state or federal guidelines if they become available. | State and Federal regulations for EMF are followed; additional local regulations are not needed. Development near existing electrical transmission lines are evaluated as part of the CEQA process for EMF impacts. | Staff time and costs to enforce local regulations | Delete, not needed. | | |
| Program 32.2 Obtain updated information on EMF radiation levels of existing and proposed electrical transmission facilities and relate those to the latest standards emerging from ongoing research. | Development projects proposed near facilities which generate EMF are reviewed through the CEQA process. | Staff time and consultant costs to research, measure, and continually update information on EMFs. | Delete, not needed. | | |

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|---|--|---|---|--------------------------------------|-----------------|
| <p>Policy 33 Siting and Construction of Electrical Transmission Facilities. Consider EMF issues near sensitive areas such as schools, hospitals, playgrounds, and group care facilities in planning for electrical transmission facilities.</p> | <p>Proposed development projects are evaluated based on current EMF information.</p> | <p>City has little, if any, authority to regulate the location of new transmission lines that are within the parameters of the franchise agreement. Siting and constructions of electrical transmission facilities are heavily regulated by the California Public Utilities Commission.</p> | <p>Delete, policy is not within the City's scope of authority.</p> | | |
| <p>Program 33.1 Request that PG&E provide information to the City on renovations to existing and construction of new electrical transmission lines, substations, and distribution lines. Request that information on the EMF radiation levels for proposed new facilities be provided.</p> | | | <p>Delete, City has little, if any, authority to regulate the renovation and construction of transmission lines.</p> | | |

Safety and Noise Chapter: Evaluation of Existing Policies and Programs

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| <p>Program 33.2 Request that all new electrical transmission projects have an EMF mitigation plan as part of the environmental review and CEQA.</p> | <p>Done through environmental review.</p> | | <p>Delete, required by CEQA.</p> | | |
| <p>Program 33.3 Request from PG&E an inventory and full public disclosure of existing transmission lines and of existing and proposed electrical transmission projects with anticipated EMF levels.</p> | <p>Available on line.</p> | | <p>Delete</p> | <p>Address gas lines as well?</p> | <p>Good point. The current policy only addresses electrical distribution lines. We will modify to address both electric and gas lines.</p> |
| <p>Policy 34 Siting of Schools. Encourage schools to follow the California Department of Education regulations requiring EMF consideration in the siting of schools.</p> | | <p>City does not have authority under State law to regulate schools.</p> | <p>Delete, City does not have authority to regulate the siting of schools.</p> | | |
| <p>Policy 35 Gross Field Airport Hazards. Minimize risk to lives and property due to hazards associated with the operation of Gross Field Airport.</p> | <p>Project referrals if within Gross Field aviation area.</p> | | <p>Delete, policy not necessary.</p> | | |

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| <p>Program 35.1 Consider the recommendations of the Airport Land Use Commission (ALUC) regarding development or conservation proposals which would create air navigation hazards in the Gness Field Airport Referral Area.</p> | <p>Development within the Gness Airport referral area are referred to the ALUC.</p> | | <p>Delete, referral process exists.</p> | | |
| <p>Program 35.2 Refer all General Plan Amendments, Zoning Ordinance Amendments, and specific plans within the Gness Field Airport Referral Area to the ALUC</p> | <p>Development projects within the Gness Airport referral area are referred to the Airport Land Use Commission (ALUC).</p> | | <p>Delete, referral process exists.</p> | | |
| <p>Policy 36 County Airport Planning. Continue to monitor the County's planning efforts for Gness Field Airport to ensure that the health and safety of Novato residents are protected.</p> | <p>Staff reviews infrequent proposals for modifications at Gness Field.</p> | | <p>Retain.</p> | | |
| <p>Program 36.1 Request that Marin County inform the City of proposed plans and changes in operations for Gness Field Airport</p> | <p>Inter-agency referrals occur without a request from adjacent agencies. In addition, one member of the aviation commission is appointed by the Novato City Council.</p> | | <p>Delete, referral process exists.</p> | | |

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| <p>Program 36.2 Request that the Marin County Aviation Commission adopt standards for non-fixed wing aircraft (balloons, helicopters, and ultralights) flyover altitudes and locations.</p> | <p>The Marin County Code defines "Aircraft" to mean any contrivance used or designed for navigation of or flight in the air. This would include non-fixed wing aircraft.</p> | | <p>Delete, not needed.</p> | | |
| <p>Program 36.3 Continue to oppose aviation uses at Hamilton Field.</p> | <p>Hamilton field is closed and the runways have been returned to wetlands.</p> | | <p>Delete, no longer relevant.</p> | | |
| <p>Policy 37 Noise and Land Use Compatibility Standards. Encourage the maintenance of the noise and land use compatibility standards indicated in SF Table 3.</p> | | | <p>Reword to eliminate "encourage" and relate Table to Objective 12.</p> | <p>What does "SF" mean? Could any of Policy 37's programs be consolidated as all interior and all exterior?</p> | <p>SF is shorthand in the General Plan for a Safety Element policy/program/table. Staff does not see a benefit in differentiating in programs between indoor and outdoor noise levels. The new General Plan will include tables or figures that indicate our adopted noise limits for both interior and exterior areas, as does the current element.</p> |

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| Program 37.1 Review all land use and development proposals for compliance with the Noise and Land Use Compatibility Standards | Done through project review. | | Carry forward | | |
| Program 37.2 Use a standard of L_{dn} 45 dB for indoor noise level for all new residential development, including hotels and motels | Ongoing. The Building Code requires exterior noise sources to not exceed 45 dB in any habitable room. The noise metric (L_{dn} or CNEL) must be identified in the noise element of the general plan. | | Carry forward. | Add definition of terms | The new Element will define noise terminology, as does the current element. |
| Program 37.3 Use the standards in SF Table 2 to determine the need for noise studies and require new developments to provide noise attenuation features as a condition of approving new projects. | | There are no "standards" in SF Table 2. | Modify to reference appropriate tables. Revise tables in the noise element to consolidate standards, and revise standards, if necessary, upon recommendation of the noise consultant. | | |

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| <p>Program 37.4 Require an acoustical study for all new residential projects with a future L_{dn} noise exposure of 60 dB or greater as shown on SF Map 7, showing compliance with the Noise and Land Use Compatibility Standards.</p> | Done through project review | | Carry Forward | | |
| <p>Program 37.5 Consider requiring post-construction testing and sign-off by an acoustical engineer for residential school, library, church, hospital, and nursing home projects exposed to an L_{dn} in excess of 65 dB to ensure compliance with applicable exterior and interior standards contained in the Noise and Land Use Compatibility Standards.</p> | Don through individual project review. May be required as a condition of approval. Seldom done. | | Delete | | |
| <p>Program 37.6 Do not permit new residential development with the 60 dB CNEL contour for Gness Field as</p> | Most of the land that is within the 55 and 60 dB CNEL contours of Gness Field is located within the jurisdiction of Marin County. SF Table 3 requires | | Delete | | |

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| shown in SF Map 8. Require that an acoustical investigation and noise insulation be considered for residential development near to Gross Field within the 55 CNEL contour shown in SF Map 8. For any residential project where outdoor noise exceeds 60 L _{dn} or may increase to above 60 L _{dn} , require a program to inform all residents of the noise information and record a document indicating their awareness and acceptance of the noise level. | residential uses within the 60 – 75 dB CNEL contour to prepare a noise analysis. | | | | |
| Program 37.7 Consider developing a comprehensive noise ordinance to address construction noise and other local noise issues | Ongoing | | Delete, program implemented. | | |

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| Program 37.8 Consider and carefully evaluate the noise impacts of all streets and other public facilities | Ongoing | | Delete, program unnecessary. | | |
| Program 37.9 Continue to seek state and federal funding for noise mitigation. | Unknown | Staff capacity and lack of grants for noise mitigation. | Delete, unnecessary. | | |
| Policy 38 Noise Reduction and Mitigation. Mitigate noise exceeding standards and significant noise impacts to the maximum feasible extent. | Environmental Review of new development projects. | | Carry forward | Should include plantings. | A soundwall design policy will be included in Community Identify Chapter and suggestion for plantings will be included. |
| Program 38.1 Require acoustical studies and mitigation measures for new developments and transportation improvements which affect schools, hospitals, libraries, group care facilities, and convalescent homes. | Required for new development projects in noise sensitive areas. These are considered sensitive receptors under CEQA and require review as part of the development review process. | | Carry forward | | |

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| <p>Program 38.2 Work with Caltrans to ensure that adequate noise studies are prepared and alternative noise mitigation measures are considered in State projects, and request that Caltrans obtain City concurrence prior to initiating any noise mitigation project in Novato</p> | <p>Four sound walls were installed by Caltrans as part of the Marin-Sonoma Narrows project. A fifth was requested by the City at Orange Ave. but was not included due to funding issues. The City Council approved the walls following a Caltrans presentation and Design Review Commission review. The Orange Ave. wall has since been funded and is proposed for construction by Caltrans in 2015.</p> | | Carry forward | | |
| <p>Program 38.3 Continue to restrict truck traffic to designated routes.</p> | <p>Police enforcement of existing California Vehicle Codes that are applicable to the restriction of truck traffic on the City of Novato Streets.</p> | None | Consider deletion, repetitive of TR Policy 10 and TR Program 10.1. | | |
| <p>Program 38.4 Continue to enforce California Vehicle Code §§ 23130, 23130.5, 27150, 27151, and 38275. These sections pertain to allowable noise emissions of vehicles operated on public streets.</p> | <p>Approximately 30 citations issued for vehicle noise violations in 2012. Purchased and implemented Sound Level Meter for enforcement of noise violations. 2012 Safe Transportation Research and Education Center (SafeTREC) grant for noise violations.</p> | The 2012 SafeTREC Grant has expired. | Carry forward. | Can this be applied to service vehicles such as garbage trucks? | There are not specific references to garbage trucks in the Calif. Vehicle Code, other than noise limits that apply to all larger vehicles. The City's Zoning Ordinance noise limits do not specifically exempt garbage vehicles, as is typical. |

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| <p>Program 38.5 Investigate mitigation measures for projects that would cause a substantial increase in noise (i.e., cause the L_{dn} to increase above 60 dBA or cause an increase of 5 dBA L_{dn} or more in the noise environment) in adjacent residential areas or in residential areas affected by traffic generated by the proposed project.</p> | <p>Done through the environmental review process for new development projects.</p> | | <p>Carry forward.</p> | | |