

CGJ Year	Report Title [Publication Date]	Rec Number [for Finding Number]	Recommendation	Response Required	Original 2019 Response	Original 2019 Response Text (provided by CGJ)	2020 Response ⁽¹⁾	2020 Response Text	2021 Response ⁽¹⁾	2021 Response Text
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	Mayor	Will be implemented	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. The City cannot discuss the project and timeline until the ESER 2020 plan passes. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. The City cannot discuss the project and timeline until the ESER 2020 plan passes. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	The SFPUC, the SFFD, and the Office of Resilience and Capital Planning are actively coordinating to submit this Citywide Plan to the Board of Supervisors by December 31, 2021. The report will also be heard at the Capital Planning Committee and its recommendations considered for the FY 2024-2033 Capital Plan or an off-year capital plan update if the Capital Planning Committee desires.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R2 [for F1-F6]	The plan discussed in Recommendation R1 should include a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, i.e., by no later than June 30, 2034.	Mayor	Requires further analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Requires Further Analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Will Not Be Implemented; Not Warranted or Not Reasonable	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience, including racial equity; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R8 [for F5, F6, F11]	By no later than June 30, 2022, the Mayor and the Board of Supervisors should analyze whether to propose a separate bond for the development of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, with a target date of completing construction by no later than June 30, 2034.	Mayor	Will be implemented	The analysis will be performed as part of the City's 10-Year Capital Plan development process. The next full update to the Capital Plan will be submitted to the Mayor and Board not later than March 1, 2021, for approval no later than May 1, 2021.	Will Be Implemented in the Future	The analysis will be performed as part of the City's 10-Year Capital Plan development process. The next full update to the Capital Plan will be submitted to the Mayor and Board not later than March 1, 2021, for approval no later than May 1, 2021.	Will Be Implemented in the Future	The analysis will be performed in response to the detailed plan in Recommendation 1 and as a part of the City's 10-Year Capital Plan development process. Given that the study will be completed by December 31, 2021, the consideration of a stand-alone bond will not occur until the next Capital Plan update unless the Capital Planning Committee requests earlier action. This update will be submitted to the Mayor and Board no later than March 1, 2023, for approval no later than May 1, 2023.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R4 [for F6-F7]	As interim measure, by no later than June 30, 2021, the City should purchase the 20 new PWSS hose tenders being requested by the SFFD, to replace and expand its currently inadequate inventory.	Mayor	Requires further analysis	The Fire Department has been allocated funding to purchase five units through funds from the FY19-20 City budget and an allocation from the State. The Department is currently working with the Office of Contract Administration to develop a multi-year term contract for hose tenders so in the case that additional funding is secured in future years, the Department will be able to reduce the amount of time for procurement of the apparatus. Each hose tender cost \$1 million each, and we need to weigh purchase of additional hose tenders to other budget request and priority.	Will Not Be Implemented; Not Warranted or Not Reasonable	The Fire Department was previously allocated funding to purchase a projected five units through a combination of funds from the FY19-20 City budget and an allocation from the State. However, given the City's economic realities as a result of the COVID pandemic, funding for two of these units was reduced from the Department's budget in order to help balance the City's budget deficit. The Department, working with the Office of Contract Administration, has a bid posted currently for the purchase of these units and is looking to develop a multi-year term contract for hose tenders in the case that additional funding is secured in future years. Each hose tender cost \$1 million each, and we need to weigh purchase of additional hose tenders to other budget requests and priorities. Due to fiscal uncertainty, the City is unable to commit to purchasing 20 new PWSS hose tenders by June 2021.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	General Manager, San Francisco Public Utilities Commission	Will be implemented	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	The SFPUC, the SFFD, and the Office of Resilience and Capital Planning are actively coordinating to submit this Citywide Plan to the Board of Supervisors by December 31, 2021. The report will also be heard at the Capital Planning Committee and its recommendations considered for the FY 2024-2033 Capital Plan or an off-year capital plan update if the Capital Planning Committee desires.

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2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R2 [for F1-F6]	The plan discussed in Recommendation R1 should include a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, i.e., by no later than June 30, 2034.	General Manager, San Francisco Public Utilities Commission	Requires further analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Requires Further Analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Will Not Be Implemented	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience, including racial equity; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R6 [for F8-F9]	The SFPUC, the SFFD and the SF Department of the Environment should study adding salt-water pump stations to improve the redundancy of water sources, especially on the west side. Findings and recommendations from this study should be presented to the Board of Supervisors by no later than June 30, 2021.	General Manager, San Francisco Public Utilities Commission	Will be implemented	SFPUC and SFFD will complete this study by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this study by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfgov.legistar.com/View.ashx?M=F&ID=103784233&GUID=49428B8E-5CF6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R7 [for F10]	The SFPUC should (a) continue its efforts to complete a more detailed analysis of emergency firefighting water needs (including above-the-median needs) by neighborhood, and not just by FRA, and (b) present a completed analysis to the Board of Supervisors by no later than June 30, 2021.	General Manager, San Francisco Public Utilities Commission	Will be implemented	SFPUC and SFFD will complete this analysis by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this study by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfgov.legistar.com/View.ashx?M=F&ID=103784233&GUID=49428B8E-5CF6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R9 [for F12]	By no later than December 31, 2020 the SFPUC, with the advice and subject to the approval of the SFFD, should (a) implement "best practices" for the maintenance of AWSS assets, and (b) redefine which AWSS valves in the system are "critical," and, therefore, require more attention and priority in the SFPUC's maintenance plans.	General Manager, San Francisco Public Utilities Commission	Has been implemented	(a) SFPUC implements "best practices" for the maintenance of AWSS assets in collaboration with SFFD, and consistent with the terms of the Memorandum of Understanding Regarding Operation and Maintenance of San Francisco Water Supply Systems Related to Fire Suppression (MOU), SFPUC will seek SFFD's written approval for "any modifications that could compromise" the system's function as a high pressure firefighting system (MOU, page 2). (b) The AWSS critical valves have been identified and will be exercised every year through the AWSS Critical Valve Exercise Program.	**		**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R10 [for F13]	By no later than June 30, 2020, the 2015 MOU between the SFPUC and the SFFD should be amended to include a detailed roadmap for annual emergency response exercises, including simulated disaster and earthquake drills involving the AWSS and the PWSS.	General Manager, San Francisco Public Utilities Commission	Will be implemented	SFFD and SFPUC will work together to amend the MOU by June 30, 2020.	Will Be Implemented in the Future	Due to shifting priorities of staff due to the COVID-19 Pandemic, the amendments to the MOU are delayed. SFPUC and SFFD are actively working on the amendments and expect to have them finalized by June 30, 2021. However, SFPUC and SFFD already agreed to a new and increased trainings and drills and are actively completing these activities.	Recommendation Implemented	The SFPUC and SFFD finalized the Amended and Restated MOU in August 2021. The Amended and Restated MOU was executed on August 19, 2021, when it was signed by the Chief of SFFD and the Acting General Manager of the SFPUC.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	Chief, San Francisco Fire Department	Will be implemented	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. The City cannot discuss the project and timeline until the ESER 2020 plan passes. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. Now that the ESER 2020 bond has passed, the City can begin to plan with greater specificity. As indicated in the 2019 response, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	The SFPUC, the SFFD, and the Office of Resilience and Capital Planning are actively coordinating to submit this Citywide Plan to the Board of Supervisors by December 31, 2021. The report will also be heard at the Capital Planning Committee and its recommendations considered for the FY 2024-2033 Capital Plan or an off-year capital plan update if the Capital Planning Committee desires.

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2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R5 [for F4]	The SFFD should strategically locate the majority of the PWSS hose tenders in areas that at present only have low-pressure hydrants and/or cisterns.	Chief, San Francisco Fire Department	Will be implemented	The Department is currently finalizing specifications for these units, after which they will go out to bid through the City's procurement processes before construction. It is anticipated the Department will take receipt of these units in the second half of 2020/early 2021. These hose tenders are a heavy-duty apparatus designed to be able to be deployed and moved throughout the City depending on need, giving the Department needed operational flexibility in its response.	Recommendation Implemented	The Department currently has the hose tender specifications out to bid with the City's Office of Contract Administration, with proposals due in late November/early December 2020. These hose tenders are a heavy-duty apparatus designed to be able to be deployed and moved throughout the City depending on need, giving the Department needed operational flexibility in its response.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R4 [for F6-F7]	As interim measure, by no later than June 30, 2021, the City should purchase the 20 new PWSS hose tenders being requested by the SFFD, to replace and expand its currently inadequate inventory.	Chief, San Francisco Fire Department	Requires further analysis	The Fire Department has been allocated funding to purchase five units through funds from the FY19-20 City budget and an allocation from the State. The Department is currently working with the Office of Contract Administration to develop a multi-year term contract for hose tenders so in the case that additional funding is secured in future years, the Department will be able to reduce the amount of time for procurement of the apparatus. Each hose tender cost \$1 million each, and we need to weigh purchase of additional hose tenders to other budget request and priority.	Will Not Be Implemented; Not Warranted or Not Reasonable	The Fire Department was previously allocated funding to purchase a projected five units through a combination of funds from the FY19-20 City budget and an allocation from the State. However, given the City's economic realities as a result of the COVID pandemic, funding for two of these units was reduced from the Department's budget in order to help balance the City's budget deficit. The Department, working with the Office of Contract Administration, has a bid posted currently for the purchase of these units and is looking to develop a multi-year term contract for hose tenders in the case that additional funding is secured in future years. Each hose tender cost \$1 million each, and we need to weigh purchase of additional hose tenders to other budget requests and priorities.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R6 [for F8-F9]	The SFPUC, the SFFD and the SF Department of the Environment should study adding salt-water pump stations to improve the redundancy of water sources, especially on the west side. Findings and recommendations from this study should be presented to the Board of Supervisors by no later than June 30, 2021.	Chief, San Francisco Fire Department	Will be implemented	SFPUC and SFFD will complete this study by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this study by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfgov.legistar.com/View.ashx?M=F&ID=103784238&GUID=4942888F-5CE6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R7 [for F10]	The SFPUC should (a) continue its efforts to complete a more detailed analysis of emergency firefighting water needs (including above-the-median needs) by neighborhood, and not just by FRA, and (b) present a completed analysis to the Board of Supervisors by no later than June 30, 2021.	Chief, San Francisco Fire Department	Will be implemented	SFPUC and SFFD will complete this analysis by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this analysis by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfgov.legistar.com/View.ashx?M=F&ID=103784238&GUID=4942888F-5CE6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R10 [for F13]	By no later than June 30, 2020, the 2015 MOU between the SFPUC and the SFFD should be amended to include a detailed roadmap for annual emergency response exercises, including simulated disaster and earthquake drills involving the AWSS and the PWSS.	Chief, San Francisco Fire Department	Will be implemented	The Fire Department conducts weekly hose/hose tender drills that it rotates through companies throughout the City. The Fire Department will work with the SFPUC to have them in attendance and participate in these drills. SFFD will also commit to working with the PUC to enhance the scope and frequency of trainings in the future for improved collaboration. SFFD and SFPUC will work together to amend the MOU by June 30, 2020.	Will Be Implemented in the Future	Due to shifting priorities of staff due to the COVID-19 Pandemic, the amendments to the MOU are delayed. SFPUC and SFFD are actively working on the amendments and expect to have them finalized by June 30, 2021. However, SFPUC and SFFD already agreed to a new and increased trainings and drills and are actively completing these activities.	Recommendation Implemented	The SFPUC and SFFD finalized the Amended and Restated MOU in August 2021. The Amended and Restated MOU was executed on August 19, 2021, when it was signed by the Chief of SFFD and the Acting General Manager of the SFPUC.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R9 [for F12]	By no later than December 31, 2020 the SFPUC, with the advice and subject to the approval of the SFFD, should (a) implement "best practices" for the maintenance of AWSS assets, and (b) redefine which AWSS valves in the system are "critical," and, therefore, require more attention and priority in the SFPUC's maintenance plans.	Chief, San Francisco Fire Department	Has been implemented	(a) SFPUC implements "best practices" for the maintenance of AWSS assets in collaboration with SFFD, and consistent with the terms of the Memorandum of Understanding Regarding Operation and Maintenance of San Francisco Water Supply Systems Related to Fire Suppression (MOU), SFPUC will seek SFFD's written approval for "any modifications that could compromise" the system's function as a high pressure firefighting system (MOU, page 2). (b) The AWSS critical valves have been identified and will be exercised every year through the AWSS Critical Valve Exercise Program.	**		**	

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2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	City Administrator	Will be implemented	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. The City cannot discuss the project and timeline until the ESER 2020 plan passes. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the FY 2023-2032 Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. Now that the ESER 2020 bond has passed, the City can begin to plan with greater specificity. As indicated in the 2019 response, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	The SFPUC, the SFFD, and the Office of Resilience and Capital Planning are actively coordinating to submit this Citywide Plan to the Board of Supervisors by December 31, 2021. The report will also be heard at the Capital Planning Committee and its recommendations considered for the FY 2024-2033 Capital Plan or an off-year capital plan update if the Capital Planning Committee desires.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R2 [for F1-F6]	The plan discussed in Recommendation R1 should include a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, i.e., by no later than June 30, 2034.	City Administrator	Requires further analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Requires Further Analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Will Not Be Implemented	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience, including racial equity; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R8 [for F5, F6, F11]	By no later than June 30, 2022, the Mayor and the Board of Supervisors should analyze whether to propose a separate bond for the development of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, with a target date of completing construction by no later than June 30, 2034.	City Administrator	Will be implemented	The analysis will be performed as part of the City's 10-Year Capital Plan development process. The next full update to the Capital Plan will be submitted to the Mayor and Board no later than March 1, 2021, for approval no later than May 1, 2021.	Will Be Implemented in the Future	The analysis will be performed in response to the detailed plan in Recommendation 1 and as a part of the City's 10-Year Capital Plan development process. Given that the study will be completed by December 31, 2021, the consideration of a stand-alone bond will not occur until the FY 2023-2032 Capital Plan update. This update that will be complete by will be submitted to the Mayor and Board no later than March 1, 2022, for approval no later than May 1, 2022.	Will Be Implemented in the Future	The analysis will be performed in response to the detailed plan in Recommendation 1 and as a part of the City's 10-Year Capital Plan development process. Given that the study will be completed by December 31, 2021, the consideration of a stand-alone bond will not occur until the next Capital Plan update unless the Capital Planning Committee requests earlier action. This update will be submitted to the Mayor and Board no later than March 1, 2023, for approval no later than May 1, 2023.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	Chief Resilience Officer, Office of the City Administrator	Will be implemented	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. The City cannot discuss the project and timeline until the ESER 2020 plan passes. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. Now that the ESER 2020 bond has passed, the City can begin to plan with greater specificity. As indicated in the 2019 response, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	The SFPUC, the SFFD, and the Office of Resilience and Capital Planning are actively coordinating to submit this Citywide Plan to the Board of Supervisors by December 31, 2021. The report will also be heard at the Capital Planning Committee and its recommendations considered for the FY 2024-2033 Capital Plan or an off-year capital plan update if the Capital Planning Committee desires.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R2 [for F1-F6]	The plan discussed in Recommendation R1 should include a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, i.e., by no later than June 30, 2034.	Chief Resilience Officer, Office of the City Administrator	Requires further analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Requires Further Analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Will Not Be Implemented	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience, including racial equity; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.

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2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R8 [for F5, F6, F11]	By no later than June 30, 2022, the Mayor and the Board of Supervisors should analyze whether to propose a separate bond for the development of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, with a target date of completing construction by no later than June 30, 2034.	Chief Resilience Officer, Office of the City Administrator	Will be implemented	The analysis will be performed as part of the City's 10-Year Capital Plan development process. The next full update to the Capital Plan will be submitted to the Mayor and Board no later than March 1, 2021, for approval no later than May 1, 2021.	Will Be Implemented in the Future	The analysis will be performed in response to the detailed plan in Recommendation 1 and as a part of the City's 10-Year Capital Plan development process. Given that the study will be completed by December 31, 2021, the consideration of a stand-alone bond will not occur until the FY 2023-2032 Capital Plan update. This update that will be completed by the Mayor and Board no later than March 1, 2022, for approval no later than May 1, 2022.	Will Be Implemented in the Future	The analysis will be performed in response to the detailed plan in Recommendation 1 and as a part of the City's 10-Year Capital Plan development process. Given that the study will be completed by December 31, 2021, the consideration of a stand-alone bond will not occur until the next Capital Plan update unless the Capital Planning Committee requests earlier action. This update will be submitted to the Mayor and Board no later than March 1, 2023, for approval no later than May 1, 2023.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R6 [for F8-F9]	The SFPUC, the SFFD and the SF Department of the Environment should study adding salt-water pump stations to improve the redundancy of water sources, especially on the west side. Findings and recommendations from this study should be presented to the Board of Supervisors by no later than June 30, 2021.	Director, San Francisco Department of the Environment	Will be implemented	SFPUC and SFFD will complete this study by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this study by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfgov.legistar.com/View.ashx?M=F&ID=10378423&GUID=49428B8E-5CE6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R3 [for F1-F6]	The Board of Supervisors should direct the Budget and Legislative Analyst to study through an equity lens and issue a report to the Board regarding (a) which areas of the City do not have sufficient water supplies for the anticipated demand for water to fight fires following a major earthquake similar in magnitude to the 1906 earthquake, and (b) options to address the issue in both the short term and the long term. The Board should issue its request by no later than December 31, 2019, and the Budget and Legislative Analyst should complete its report by no later than December 31, 2020.	Budget and Legislative Analyst Office, Board of Supervisors	Will be implemented	Has not been implemented but will be implemented in the future, and Supervisor Gordon Mar will issue a request for a Budget and Legislative Analyst report no later than December 31, 2019, and will direct the Budget and Legislative Analyst to issue the completed report no later than December 31, 2020.	Recommendation Implemented	Has been implemented. The Board of Supervisors requested that the BLA report on this issue through Resolution No. 484-19, approved on November 27, 2019. The GAO committee may meet on December 3, 2020, and update its response to this recommendation.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	Board of Supervisors	Will be implemented	Has not been implemented but will be implemented no later than December 31, 2021, and urges the Departments to include in its detailed plan a detailed proposal to the Board of Supervisors by no later than December 31, 2021.	Recommendation Implemented	The SFPUC, SFFD and ORCP jointly presented a report on July 16, 2020. The GAO committee may meet on December 3, 2020, and update its response to this recommendation.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R2 [for F1-F6]	The plan discussed in Recommendation R1 should include a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, i.e., by no later than June 30, 2034.	Board of Supervisors	Will be implemented	Has not been implemented but will be implemented by December 31, 2021, and urges the Departments to include in its detailed plan a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one by no later than June 30, 2034.	Will Be Implemented in the Future	The GAO committee may meet on December 3, 2020, and update its response to this recommendation.	Will Be Implemented in the Future	The GAO committee held follow-up hearings on January 21 and November 18, 2021. The Budget and Legislative Analyst submitted a policy analysis report to the file on November 18, 2021. GAO may update and close-out its response to this recommendation during a regular meeting in early 2022.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R3 [for F1-F6]	The Board of Supervisors should direct the Budget and Legislative Analyst to study through an equity lens and issue a report to the Board regarding (a) which areas of the City do not have sufficient water supplies for the anticipated demand for water to fight fires following a major earthquake similar in magnitude to the 1906 earthquake, and (b) options to address the issue in both the short term and the long term. The Board should issue its request by no later than December 31, 2019, and the Budget and Legislative Analyst should complete its report by no later than December 31, 2020.	Board of Supervisors	Will be implemented	Has not been implemented but will be implemented in the future, and Supervisor Gordon Mar will issue a request for a Budget and Legislative Analyst report no later than December 31, 2019, and will direct the Budget and Legislative Analyst to issue the completed report no later than December 31, 2020.	Recommendation Implemented	Has been implemented. The Board of Supervisors requested that the BLA report on this issue through Resolution No. 484-19, approved on November 27, 2019. The GAO committee may meet on December 3, 2020, and update its response to this recommendation.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R8 [for F5, F6, F11]	By no later than June 30, 2022, the Mayor and the Board of Supervisors should analyze whether to propose a separate bond for the development of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, with a target date of completing construction by no later than June 30, 2034.	Board of Supervisors	Will be implemented	Has not been implemented but will be implemented in the future, and will analyze by June 30, 2022, in coordination with the Mayor, whether to propose a separate bond for the development of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, with a target date of completing construction by no later than June 30, 2034.	Will Be Implemented in the Future	The GAO committee may meet on December 3, 2020, and update its response to this recommendation.	Will Be Implemented in the Future	The GAO committee held follow-up hearings on January 21 and November 18, 2021. The Budget and Legislative Analyst submitted a policy analysis report to the file on November 18, 2021. GAO may update and close-out its response to this recommendation during a regular meeting in early 2022.

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2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R4 [for F6-F7]	As interim measure, by no later than June 30, 2021, the City should purchase the 20 new PWSS hose tenders being requested by the SFFD, to replace and expand its currently inadequate inventory.	Board of Supervisors	Will not be implemented	Will not be implemented because while funding for five hose tenders was allocated for FY2019-2020 though both local and state-level actions, implementation of the recommendation in its entirety will depend on the appropriation actions of a future Mayor and Board of Supervisors.	**		**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R6 [for F8-F9]	The SFPUC, the SFFD and the SF Department of the Environment should study adding salt-water pump stations to improve the redundancy of water sources, especially on the west side. Findings and recommendations from this study should be presented to the Board of Supervisors by no later than June 30, 2021.	Board of Supervisors	Will be implemented	Has not been implemented but will be implemented in the future, and urges the completion of a study for adding a salt-water pump stations to be presented to the Board of Supervisors by no later than June 30, 2021.	Will Be Implemented in the Future	The GAO committee may meet on December 3, 2020, and update its response to this recommendation.	Recommendation Implemented	The SFPUC submitted a study to address this recommendation on June 7, 2021.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R7 [for F10]	The SFPUC should (a) continue its efforts to complete a more detailed analysis of emergency firefighting water needs (including above-the-median needs) by neighborhood, and not just by FRA, and (b) present a completed analysis to the Board of Supervisors by no later than June 30, 2021.	Board of Supervisors	Will be implemented	Has not been implemented but will be implemented in the future, and urges that a completed analysis be presented to the Board of Supervisors by no later than June 30, 2021.	Will Be Implemented in the Future	The GAO committee may meet on December 3, 2020, and update its response to this recommendation.	Recommendation Implemented	The SFPUC submitted a study to address this recommendation on June 7, 2021.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	President, San Francisco Public Utilities Commission	Will be implemented	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. The City cannot discuss the project and timeline until the ESER 2020 plan passes. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	The SFPUC, the SFFD, and the Office of Resilience and Capital Planning are actively coordinating to submit this Citywide Plan to the Board of Supervisors by December 31, 2021. The report will also be heard at the Capital Planning Committee and its recommendations considered for the FY 2024-2033 Capital Plan or an off-year capital plan update if the Capital Planning Committee desires.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R2 [for F1-F6]	The plan discussed in Recommendation R1 should include a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, i.e., by no later than June 30, 2034.	President, San Francisco Public Utilities Commission	Requires further analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Requires Further Analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Will Not Be Implemented	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience, including racial equity; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R6 [for F8-F9]	The SFPUC, the SFFD and the SF Department of the Environment should study adding salt-water pump stations to improve the redundancy of water sources, especially on the west side. Findings and recommendations from this study should be presented to the Board of Supervisors by no later than June 30, 2021.	President, San Francisco Public Utilities Commission	Will be implemented	SFPUC and SFFD will complete this study by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this study by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfgov.legistar.com/View.ashx?M=F&ID=10378423&GUID=494288BE-3CE6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R7 [for F10]	The SFPUC should (a) continue its efforts to complete a more detailed analysis of emergency firefighting water needs (including above-the-median needs) by neighborhood, and not just by FRA, and (b) present a completed analysis to the Board of Supervisors by no later than June 30, 2021.	President, San Francisco Public Utilities Commission	Will be implemented	SFPUC and SFFD will complete this analysis by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this study by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfgov.legistar.com/View.ashx?M=F&ID=10378423&GUID=494288BE-3CE6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R9 [for F12]	By no later than December 31, 2020 the SFPUC, with the advice and subject to the approval of the SFFD, should (a) implement "best practices" for the maintenance of AWSS assets, and (b) redefine which AWSS valves in the system are "critical," and, therefore, require more attention and priority in the SFPUC's maintenance plans.	President, San Francisco Public Utilities Commission	Has been implemented	(a) SFPUC implements "best practices" for the maintenance of AWSS assets in collaboration with SFFD, and consistent with the terms of the Memorandum of Understanding Regarding Operation and Maintenance of San Francisco Water Supply Systems Related to Fire Suppression (MOU). SFPUC will seek SFFD's written approval for "any modifications that could compromise" the system's function as a high pressure firefighting system (MOU, page 2). (b) The AWSS critical valves have been identified and will be exercised every year through the AWSS Critical Valve Exercise Program.	**		**	

⁽¹⁾ **** Response not required; Recommendation has been fully implemented or abandoned.

CGJ Year	Report Title [Publication Date]	Rec Number [for Finding Number]	Recommendation	Response Required	Original 2019 Response	Original 2019 Response Text (provided by CGJ)	2020 Response ⁽¹⁾	2020 Response Text	2021 Response ⁽¹⁾	2021 Response Text
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R10 [for F13]	By no later than June 30, 2020, the 2015 MOU between the SFPUC and the SFFD should be amended to include a detailed roadmap for annual emergency response exercises, including simulated disaster and earthquake drills involving the AWSS and the PWSS.	President, San Francisco Public Utilities Commission	Will be implemented	SFFD and SFPUC will work together to amend the MOU by June 30, 2020.	Will Be Implemented in the Future	Due to shifting priorities of staff due to the COVID-19 Pandemic, the amendments to the MOU are delayed. SFPUC and SFFD are actively working on the amendments and expect to have them finalized by June 30, 2021. However, SFPUC and SFFD already agreed to a new and increased trainings and drills and are actively completing these activities.	Recommendation Implemented	The SFPUC and SFFD finalized the Amended and Restated MOU in August 2021. The Amended and Restated MOU was executed on August 19, 2021, when it was signed by the Chief of SFFD and the Acting General Manager of the SFPUC.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R1 [for F1-F6]	By no later than December 31, 2020, the Mayor, the SFPUC, the SFFD, and the Office of Resilience and Capital Planning should jointly present to the Board of Supervisors a detailed plan to ensure the City is well prepared to fight fires in all parts of San Francisco in the event of a 1906-magnitude (7.8) earthquake.	President, San Francisco Fire Commission	Will be implemented	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. The City cannot discuss the project and timeline until the ESER 2020 plan passes. For this reason, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	Ensuring that San Francisco has the infrastructure and resources to be well prepared to fight fires in all parts of San Francisco is something that will be a focus of the next 10-Year Capital Plan. Per Administrative Code 3.20, that Plan must be submitted to the Mayor and Board no later than March 1 of each odd-numbered year for approval no later than May 1. The requested presentation would be delivered as part of that Plan's submission to enable holistic planning across San Francisco's resilience challenges. Updates available on this timeline would be included. Now that the ESER 2020 bond has passed, the City can begin to plan with greater specificity. As indicated in the 2019 response, the City will sync this recommendation with the Capital Plan, and push back the timeline to December 31, 2021.	Will Be Implemented in the Future	The SFPUC, the SFFD, and the Office of Resilience and Capital Planning are actively coordinating to submit this Citywide Plan to the Board of Supervisors by December 31, 2021. The report will also be heard at the Capital Planning Committee and its recommendations considered for the FY 2024-2033 Capital Plan or an off-year capital plan update if the Capital Planning Committee desires.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R2 [for F1-F6]	The plan discussed in Recommendation R1 should include a detailed proposal, including financing sources, for the installation within 15 years of a high-pressure, multi-sourced, seismically safe emergency water system for those parts of the City that don't currently have one, i.e., by no later than June 30, 2034.	President, San Francisco Fire Commission	Requires further analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Requires Further Analysis	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan. The plan discussed in Recommendation 1 will be acknowledged in the Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.	Will Not Be Implemented; Not Warranted or Not Reasonable	The commitment of sources for specific uses on specific timelines for San Francisco's public infrastructure is the work of the 10-Year Capital Plan, and based on analysis, will be done on the capital plan timeline. The capital planning process gathers, documents, and balances planned funding for needs across the public infrastructure portfolio and across San Francisco's resilience challenges. The Capital Plan has longstanding funding principles to guide the prioritization of public infrastructure investments. These investments are tiered: (1) address legal and/or regulatory mandates; (2) ensure public safety and enhance resilience, including racial equity; (3) preserve assets and promote sustainability; (4) advance planned and programmatic needs; and (5) promote economic development. In the next 10-Year Capital Plan and those that follow, the City will continue to analyze priority projects and programs and identify sources to advance those priorities. Committing to entirely funding a single program out of context and without regard for the trade-offs of that commitment would be out of step with the City's longstanding and highly regarded capital planning process and likely create significant vulnerabilities elsewhere in the portfolio.
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R5 [for F4]	The SFFD should strategically locate the majority of the PWSS hose tenders in areas that at present only have low-pressure hydrants and/or cisterns.	President, San Francisco Fire Commission	Will be implemented	The Department is currently finalizing specifications for these units, after which they will go out to bid through the City's procurement processes before construction. It is anticipated the Department will take receipt of these units in the second half of 2020/early 2021. These hose tenders are a heavy-duty apparatus designed to be able to be deployed and moved throughout the City depending on need, giving the Department needed operational flexibility in its response.	Recommendation Implemented	The Department currently has the hose tender specifications out to bid with the City's Office of Contract Administration, with proposals due in late November/early December 2020. These hose tenders are a heavy-duty apparatus designed to be able to be deployed and moved throughout the City depending on need, giving the Department needed operational flexibility in its response.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R4 [for F6-F7]	As interim measure, by no later than June 30, 2021, the City should purchase the 20 new PWSS hose tenders being requested by the SFFD, to replace and expand its currently inadequate inventory.	President, San Francisco Fire Commission	Requires further analysis	The Fire Department has been allocated funding to purchase five units through funds from the FY19-20 City budget and an allocation from the State. The Department is currently working with the Office of Contract Administration to develop a multi-year term contract for hose tenders so in the case that additional funding is secured in future years, the Department will be able to reduce the amount of time for procurement of the apparatus. Each hose tender cost \$1 million each, and we need to weigh purchase of additional hose tenders to other budget request and priority.	Will Not Be Implemented; Not Warranted or Not Reasonable	The Fire Department was previously allocated funding to purchase a projected five units through a combination of funds from the FY19-20 City budget and an allocation from the State. However, given the City's economic realities as a result of the COVID pandemic, funding for two of these units was reduced from the Department's budget in order to help balance the City's budget deficit. The Department, working with the Office of Contract Administration, has a bid posted currently for the purchase of these units and is looking to develop a multi-year term contract for hose tenders in the case that additional funding is secured in future years. Each hose tender cost \$1 million each, and we need to weigh purchase of additional hose tenders to other budget requests and priorities.	**	
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R6 [for F8-F9]	The SFPUC, the SFFD and the SF Department of the Environment should study adding salt-water pump stations to improve the redundancy of water sources, especially on the west side. Findings and recommendations from this study should be presented to the Board of Supervisors by no later than June 30, 2021.	President, San Francisco Fire Commission	Will be implemented	SFPUC and SFFD will complete this study by June 30, 2021.	Will Be Implemented in the Future	SFPUC and SFFD will complete this analysis by June 30, 2021.	Recommendation Implemented	The Study was submitted to the Board of Supervisors on June 23, 2021. Please use this link to access the study: https://sfovw.legistar.com/View.ashx?M=F&ID=103784233&GUID=49428B8E-3CF6-4A98-A9E5-564491CAC220
2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System (July 17, 2019)	R9 [for F12]	By no later than December 31, 2020 the SFPUC, with the advice and subject to the approval of the SFFD, should (a) implement "best practices" for the maintenance of AWSS assets, and (b) redefine which AWSS valves in the system are "critical," and, therefore, require more attention and priority in the SFPUC's maintenance plans.	President, San Francisco Fire Commission	Has been implemented	(a) SFPUC implements "best practices" for the maintenance of AWSS assets in collaboration with SFFD, and consistent with the terms of the Memorandum of Understanding Regarding Operation and Maintenance of San Francisco Water Supply Systems Related to Fire Suppression (MOU), SFPUC will seek SFFD's written approval for "any modifications that could compromise" the system's function as a high pressure firefighting system (MOU, page 2). (b) The AWSS critical valves have been identified and will be exercised every year through the AWSS Critical Valve Exercise Program.	**	**	**	

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2018-19	Act Now Before It Is Too Late: Aggressively Expand and Enhance Our High-Pressure Emergency Firefighting Water System [July 17, 2019]	R10 [for F13]	By no later than June 30, 2020, the 2015 MOU between the SFPUC and the SFFD should be amended to include a detailed roadmap for annual emergency response exercises, including simulated disaster and earthquake drills involving the AWSS and the PWSS.	President, San Francisco Fire Commission	Will be implemented	The Fire Department conducts weekly hose/hose tender drills that it rotates through companies throughout the City. The Fire Department will work with the SFPUC to have them in attendance and participate in these drills. SFFD will also commit to working with the PUC to enhance the scope and frequency of trainings in the future for improved collaboration. SFFD and SFPUC will work together to amend the MOU by June 30, 2020.	Will Be Implemented in the Future	Due to shifting priorities of staff due to the COVID-19 Pandemic, the amendments to the MOU are delayed. SFPUC and SFFD are actively working on the amendments and expect to have them finalized by June 30, 2021. However, SFPUC and SFFD already agreed to a new and increased trainings and drills and are actively completing these activities.	Recommendation Implemented	The SFPUC and SFFD finalized the Amended and Restated MOU in August 2021. The Amended and Restated MOU was executed on August 19, 2021, when it was signed by the Chief of SFFD and the Acting General Manager of the SFPUC.
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R1	The Mayor and the Chief of Police should decide if rejoining the JTTF is in the best interest of the residents of our City and make this publicly known by February 3, 2020.	Mayor	Will be implemented	The decision to rejoin the JTTF would include not only the Mayor and Police Department, but also the Police Commission and the FBI. Given the extended timelines associated with policy development, public input, the potential creation of Working Groups and discussions with the FBI, the deadline associated with this recommendation is unreasonable. However, the department will explore rejoining the JTTF and if there is a decision to rejoin, the Mayor, SFPD and the Police Commission plan to take a thoughtful and thorough approach that considers the input of the SF community.	Will Not Be Implemented: Not Warranted or Not Reasonable	The Department did not decide to rejoin JTTF on or before February 3, 2020. The department will explore rejoining the JTTF and if there is a decision to rejoin, the Mayor, SFPD and the Police Commission plan to take a thoughtful and thorough approach that considers the input of the SF community.	**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R2	In the event that the Mayor and Chief of Police decide to re-join the JTTF, the Chief of Police should negotiate a revised MOU with the FBI and submit this to the PC for discussion and public comment at an open meeting. This should be done no later than July 1, 2020.	Mayor	Will be implemented	Given the extended timelines associated with policy development and policy approval within the police department, the deadline associated with this recommendation is unreasonable. However the department will explore the potential of negotiating an MOU with the FBI and will submit to the Police Commission for review when it is appropriate to do so.	Will Not Be Implemented: Not Warranted or Not Reasonable	As the Department has not rejoined JTTF, the MOU with the FBI was not renegotiated nor was it put in front of the Police Commission for discussion and public comment on or before July 1, 2020.	**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R1	The Mayor and the Chief of Police should decide if rejoining the JTTF is in the best interest of the residents of our City and make this publicly known by February 3, 2020.	Chief, San Francisco Police Department	Will be implemented	The decision to rejoin the JTTF would include not only the Mayor and Police Department, but also the Police Commission and the FBI. Given the extended timelines associated with policy development, public input, the potential creation of Working Groups and discussions with the FBI, the deadline associated with this recommendation is unreasonable. However, the department will explore rejoining the JTTF and if there is a decision to rejoin, the Mayor, SFPD and the Police Commission plan to take a thoughtful and thorough approach that considers the input of the SF community.	Will Not Be Implemented: Not Warranted or Not Reasonable	The Department did not decide to rejoin JTTF on or before February 3, 2020. The department will explore rejoining the JTTF and if there is a decision to rejoin, the Mayor, SFPD and the Police Commission plan to take a thoughtful and thorough approach that considers the input of the SF community.	**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R2	In the event that the Mayor and Chief of Police decide to re-join the JTTF, the Chief of Police should negotiate a revised MOU with the FBI and submit this to the PC for discussion and public comment at an open meeting. This should be done no later than July 1, 2020.	Chief, San Francisco Police Department	Will be implemented	Given the extended timelines associated with policy development and policy approval within the police department, the deadline associated with this recommendation is unreasonable. However the department will explore the potential of negotiating an MOU with the FBI and will submit to the Police Commission for review when it is appropriate to do so.	Will Not Be Implemented: Not Warranted or Not Reasonable	As the Department has not rejoined JTTF, the MOU with the FBI was not renegotiated nor was it put in front of the Police Commission for discussion and public comment on or before July 1, 2020.	**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4	The Chief of Police should instruct the WDU to expedite the revision process of DGO 8.10 immediately but no later than the first week of January 2020. The WDU in considering the revisions to DGO 8.10 should include a review of the R4-a-f recommendations before submitting the revisions to the Chief of Police. The revised DGO should be forwarded to the PC for approval no later than July 1, 2020.	Chief, San Francisco Police Department	Will not be implemented because it is not warranted or reasonable	The Police Commission has previously approved the schedule for updating department DGOs based on DOJ Collaborative Reform. DGO 8.10 is already scheduled for review and updates to begin in 2020. This recommendation would change the Police Commission schedule and change the typical process for DGO drafting and revisions. Written Directives facilitates the concurrence process but is not solely responsible for revisions to any DGO. It is within the Police Commission's purview to create a working group to review and suggest content changes. Given the extended timelines associated with policy development, public input and policy approval within the police department, the deadline and process associated with this recommendation is unreasonable.	**		**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-a	DGO 8.10 should be revised to eliminate the conflict that exists between the statement of principles only referencing the First Amendment rights guaranteed by the United States Constitution, but the term First Amendment Activity being defined as rights guaranteed by both the Constitution of the United States and the Constitution of the State of California. It is recommended that the statement of principal incorporate wording to be reflective of the protections provided to First Amendment activities by both the state and federal constitutions.	Chief, San Francisco Police Department	Will be implemented	Given the extended timelines associated with policy development within SFPD, the deadline associated with R4 and its sub-recommendations is unreasonable. The City Attorney's Office also indicated that there is a need to revise this section. The department agrees to review this recommendation during the DGO 8.10 update scheduled to begin in 2020.	Will Be Implemented in the Future	DGO 8.10 will be reviewed by a Police Commission working group in 2021. The Department will provide this recommendation to the Executive Sponsor of the working group. The implementation of this recommendation will be determined by the working group, the Department concurrence process and ultimately through a public vote at a future Commission Meeting.	Will Be Implemented in the Future	DGO 8.10 was not updated in 2021 and is now slated for update in 2022. The Department will provide this recommendation to the Subject Matter Expert (SME) who manages the DGO update. The implementation will ultimately be determined by SFPD leadership, the Police Commission at a public hearing and potentially modified through the meet and confer process.
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-b	General Order 8.10 should be revised to correct the error in referencing "Article 3" of the Constitution of California within the definition section to Article 1, Section 3.	Chief, San Francisco Police Department	Will be implemented	Given the extended timelines associated with policy development within SFPD, the deadline associated with R4 and its sub-recommendations is unreasonable. The City Attorney's Office also indicated that there is a need to revise this section. The department agrees to review this recommendation during the DGO 8.10 update scheduled to begin in 2020.	Will Be Implemented in the Future	DGO 8.10 will be reviewed and updated by a Police Commission working group in 2021. The Department will provide this recommendation to the Executive Sponsor of the working group. The implementation of this recommendation will be determined by the working group, the Department concurrence process and ultimately through a public vote at a future Commission Meeting.	Will Be Implemented in the Future	DGO 8.10 was not updated in 2021 and is now slated for update in 2022. The Department will provide this recommendation to the Subject Matter Expert (SME) who manages the DGO update. The implementation will ultimately be determined by SFPD leadership, the Police Commission at a public hearing and potentially modified through the meet and confer process.

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2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-c	General Order 8.10 should be revised to define the term "Criminal Investigation". The order should clearly define what is and what is not a criminal investigation.	Chief, San Francisco Police Department	Will not be implemented because it is not warranted or reasonable	Given the extended timelines associated with policy development, the department cannot agree to forward an updated DGO 8.10 to the Police Commission for approval by July 3, 2020. The department agrees to review this recommendation during the DGO 8.10 update which is scheduled to begin in 2020. However, unlike the other R4 recommendations, this cannot be implemented unilaterally. The inclusion or acceptance of any revised language is dependent on internal review, DPA review, public input/working group input, city attorney's office review and Police Commission approval and adoption.	**		**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-d	General Order 8.10 should be updated to incorporate changes that have occurred since 2008. Obsolete agency names and titles should be corrected. All references to the OCC should be changed to DPA and the Director of OCC should be corrected to the Executive Director of DPA.	Chief, San Francisco Police Department	Will be implemented	Given the extended timelines associated with policy development, the department cannot agree to forward an updated DGO 8.10 to the Police Commission by July 3, 2020. The department will recommend updating all references to OCC by using the current department name and terminology.	Will Be Implemented in the Future	DGO 8.10 will be reviewed and updated by a Police Commission working group in 2021. The Department will provide this recommendation to the Executive Sponsor of the working group. The implementation of this recommendation will be determined by the working group, the Department concurrence process and ultimately through a public vote at a future Commission Meeting.	Will Be Implemented in the Future	DGO 8.10 was not updated in 2021 and is now slated for update in 2022. The Department will provide this recommendation to the Subject Matter Expert (SME) who manages the DGO update. The Department agrees that all Department names and titles referenced in the DGO should be updated.
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-e	The use of "department" should be specific to which one it is referencing (SFPD or DPA).	Chief, San Francisco Police Department	Will be implemented	Given the extended timelines associated with policy development, the department cannot agree to forward an updated DGO 8.10 to the Police Commission by July 3, 2020. SFPD agrees that this update can be addressed by introducing the abbreviation in long and short form by revising Section IA of DGO 8.10 to: "It is the policy of the San Francisco Police Department ("the Department")..."	Will Be Implemented in the Future	DGO 8.10 will be reviewed and updated by a Police Commission working group in 2021. The Department will provide this recommendation to the Executive Sponsor of the working group. The implementation of this recommendation will be determined by the working group, the Department concurrence process and ultimately through a public vote at a future Commission Meeting.	Will Not Be Implemented; Not Warranted or Not Reasonable	DGO 8.10 was not updated in 2021 and is now slated for update in 2022. The Department will provide this recommendation to the Subject Matter Expert (SME) for consideration, however, the use of the term "department" throughout each SFPD DGO always refers to SFPD as DGOs only have authority over SFPD members. DPA (formerly known as OCC) is not required to comply to SFPD DGOs and is not referred to as "department" when mentioned in DGO 8.10.
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-f	DGO 8.10 should contain only material that is necessary and pertinent to the functions of SFPD. All material that is unrelated to the SFPD should be removed from DGO 8.10.	Chief, San Francisco Police Department	Will not be implemented because it is not warranted or reasonable	Given the extended timelines associated with policy development, the department cannot agree to forward an updated DGO 8.10 to the Police Commission by July 3, 2020. The department agrees that each SFPD DGO should only contain directives that are necessary and pertinent to the functions of SFPD and its own members. However, unlike the other R4 recommendations, this cannot be implemented unilaterally. Removing material that may be unrelated to SFPD member's duties and responsibilities would require an action on the part of the Police Commission.	**		**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R2	In the event that the Mayor and Chief of Police decide to re-join the JTTF, the Chief of Police should negotiate a revised MOU with the FBI and submit this to the PC for discussion and public comment at an open meeting. This should be done no later than July 1, 2020.	President, San Francisco Police Commission		I will not seek to implement this Recommendation. Any revision to the MOU between the SFPD and the FBI should involve a working group composed of interested stakeholders, as was the case in 2016-2017. The SFPD Chief and FBI cannot merely negotiate a new agreement. The issues are serious, the public interest high, and the process arduous. Any revision of the expired MOU will take longer than the proposed July 2020 deadline allows.	**		**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R3	The President of the PC should designate a commissioner as a point of contact for all JTTF interested parties. This appointment should be completed by April 3, 2020.	President, San Francisco Police Commission	Has been implemented	Recommendation has been implemented. The current President of the Commission is the designated point person for JTTF matters.	**		**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4	The Chief of Police should instruct the WDU to expedite the revision process of DGO 8.10 immediately but no later than the first week of January 2020. The WDU in considering the revisions to DGO 8.10 should include a review of the R4a-f recommendations before submitting the revisions to the Chief of Police. The revised DGO should be forwarded to the PC for approval no later than July 1, 2020.	President, San Francisco Police Commission		I will not seek to implement this Recommendation. The procedure outlined by the Civil Grand Jury is incorrect. Written Directives is not tasked with rewriting DGO 8.10. A working group composed of interested stakeholders must participate in any revision process relative to this DGO, as the issues are significant and divergent viewpoints and ideas enhance any effort to recreate an MOU between the SFPD and FBI. The timeframe offered by the Civil Grand Jury for completing any revision effort is unrealistically aggressive. The Police Commission is developing a five-year schedule for reviewing and revising all SFPD's General Orders including DGO 8.10. That DGO is slated for review in 2020.	**		**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-a	DGO 8.10 should be revised to eliminate the conflict that exists between the statement of principles only referencing the First Amendment rights guaranteed by the United States Constitution, but the term First Amendment Activity being defined as rights guaranteed by both the Constitution of the United States and the Constitution of the State of California. It is recommended that the statement of principal incorporate wording to be reflective of the protections provided to First Amendment activities by both the state and federal constitutions.	President, San Francisco Police Commission		I will seek to implement this Recommendation so that the preamble of DGO 8.10 is consistent with the body of that document, which references the California Constitution as well as the U.S. Constitution. Changes to DGO 8.10 will be made in accordance with the Police Commission's schedule for reviewing DGOs.	Will Be Implemented in the Future	I will seek to implement this Recommendation so that the preamble of DGO 8.10 is consistent with the body of that document, which references the California Constitution as well as the U.S. Constitution. Revisions to DGO 8.10 are scheduled to begin in 2021.	Will Be Implemented in the Future	I will seek to implement this Recommendation so that the preamble of DGO 8.10 is consistent with the body of that document, which references the California Constitution as well as the U.S. Constitution. DPA is currently conducting an audit of DGO 8.10. Once the audit is complete, the police department will review DPA's findings and begin the revision.
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-b	General Order 8.10 should be revised to correct the error in referencing "Article 3" of the Constitution of California within the definition section to Article I, Section 3.	President, San Francisco Police Commission		I will seek to implement this Recommendation. Changes to DGO 8.10 will be made in accordance with the Police Commission's schedule for reviewing DGOs.	Will Be Implemented in the Future	I will seek to implement this Recommendation. Revisions to DGO 8.10 are scheduled to begin in 2021.	Will Be Implemented in the Future	I will seek to implement this Recommendation. DPA is currently conducting an audit of DGO 8.10. Once the audit is complete, the police department will review DPA's findings and begin the revision.

⁽¹⁾ **** Response not required: Recommendation has been fully implemented or abandoned.

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2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-c	General Order 8.10 should be revised to define the term "Criminal Investigation". The order should clearly define what is and what is not a criminal investigation.	President, San Francisco Police Commission		I will not seek to implement this Recommendation. The term "criminal investigation" is understood by the law enforcement community and civilians alike. It is clear from DGO 8.10 that SFPD officers can participate in investigations of criminal activity where reasonable suspicion exists.	**		**	
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-d	General Order 8.10 should be updated to incorporate changes that have occurred since 2008. Obsolete agency names and titles should be corrected. All references to the OCC should be changed to DPA and the Director of OCC should be corrected to the Executive Director of DPA.	President, San Francisco Police Commission		I will seek to implement this Recommendation in accordance with the Police Commission's schedule of review for DGOs.	Will Be Implemented in the Future	I will seek to implement this Recommendation. Revisions to DGO 8.10 are scheduled to begin in 2021.	Will Be Implemented in the Future	I will seek to implement this Recommendation. DPA is currently conducting an audit of DGO 8.10. Once the audit is complete, the police department will review DPA's findings and begin the revision.
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-e	The use of "department" should be specific to which one it is referencing (SFPD or DPA).	President, San Francisco Police Commission		I will seek to implement this Recommendation in accordance with the Police Commission's schedule of review for DGOs.	Will Be Implemented in the Future	I will seek to implement this Recommendation. Revisions to DGO 8.10 are scheduled to begin in 2021.	Will Be Implemented in the Future	I will seek to implement this Recommendation. DPA is currently conducting an audit of DGO 8.10. Once the audit is complete, the police department will review DPA's findings and begin the revision.
2018-19	Joint Terrorism Task Force: Balancing Public Safety with Civil Rights [July 17, 2019]	R4-f	DGO 8.10 should contain only material that is necessary and pertinent to the functions of SFPD. All material that is unrelated to the SFPD should be removed from DGO 8.10.	President, San Francisco Police Commission		I will not seek to implement this Recommendation. DGO 8.10 contains references to matters inextricably intertwined with the rules and procedures for criminal investigations implicating first amendment activities. Whether the references are to the Police Commission's authority to review compliance with the guidelines, access to information by civilians, DPA audits, or the collection and maintenance of records related to covered investigations, the provisions of DGO 8.10 are tied directly to the guidelines governing the duties of SFPD officers. SFPD members need to understand the related matters addressed in the DGO as they are unique to this General Order.	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R1	SFMTA in coordination with Vision Zero SF should design a public safety campaign regarding e-scooter use, laws, safety and helmet use. This campaign should include TNC participation and utilize various means of outreach including ads on MUNI trains, buses, shelters, social media, and TNC apps no later than June 30, 2020.	Mayor	Has been implemented	The recommendation was implemented in October 2018. SFMTA conducted its own concurrent, updated safety awareness campaign, coinciding with the launch of the Pilot.	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R2	Signage, stencils, visual symbols illustrating e-scooters, and/or other messaging should be provided to remind mobility device riders that these lanes are available for them to use. Further, additional visual symbols should be added on sidewalks and High-Injury Networks to discourage sidewalk use by e-scooters. The visual design(s) should be developed and implemented by SFMTA no later than June 30, 2020.	Mayor	Requires further analysis	While scooters are permitted to use bicycle lanes, the lanes themselves are legislated as "bicycle lanes." SFMTA adheres to the California Manual on Uniform Traffic Control Devices (CA MUTCD), which provides for uniform standards and specifications for all official traffic control devices in California and governs signs and striping for all public roads in the state. CA MUTCD Section 3D.01 C. defines lane-use markings for bicycle lanes as follows: 1. "Bicycle lane—the preferential lane-use marking for a bicycle lane shall consist of a bicycle symbol or the word marking BIKE LANE (see Chapter 9C and Figures 9C-1 and 9C-3 through 9C-6)." 2. No additional lane-use markings—including scooter markings—are permitted in bicycle lanes at this time, per the CA MUTCD. 3. The CA MUTCD does not currently have signs or stencils for scooters; therefore, the recommended signs and stencils would not be allowed on public roads in San Francisco. Additionally, given that the City has approximately 160 miles of bicycle lanes, adding stencils and signage to all bicycle lanes would be cost prohibitive. SFMTA will investigate the feasibility of adding visual symbols on sidewalks and High-Injury Networks to discourage sidewalk use by e-scooters.	Will Not Be Implemented: Not Warranted or Not Reasonable	In 2019, SFMTA staff committed to investigating the feasibility of adding visual symbols on sidewalks and High-Injury Network streets to discourage sidewalk use by e-scooters. Upon investigating cost and feasibility, and considering alternatives, staff do not believe this would be an effective strategy for changing user behavior, nor do staff see it as the most cost-effective means to address the concerns raised by the Civil Grand Jury report.	**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R3	SFPD Traffic Company should implement one or more "Focus on Five" enforcement campaigns that target moving violations by motor vehicles as well as bicycles and powered mobility devices in all traffic lanes, with documented results no later than June 30, 2020.	Mayor	Has been implemented	SFPD Traffic Company has already implemented "Focus on the Five" enforcement campaigns targeting motor vehicles. At the end of June 2019, the Traffic Company formed a team of four motorcycle units called the Vision Zero Enforcement Task Force. Since its inception, this specialized team has written over 400 citations, 99% of which were for Focus on the Five violations.	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R4	ZSFG, SFDPH, SFPD, and TNCs should collectively improve injury data reporting to better support root cause analyses. SFMTA and the SFDPH should develop and oversee the revised data collection efforts and prepare a data acquisition plan for review by the above referenced organizations no later than June 30, 2020.	Mayor	Will be implemented	SFDPH, SFMTA, and ZSFG will coordinate to develop a data acquisition plan to improve data collection on factors associated with injury not currently captured in injury data sources, including e-scooter user education and infrastructure factors, by June 30, 2020. The plan will include data sharing with SFPD, as permissible, to inform safety efforts.	Recommendation Implemented	SFDPH has been instrumental in advancing medical (ICD-10-CM) codes to capture e-scooter associated injury nationally, implemented October 1, 2020. These codes facilitate consistent identification of e-scooter related injury at ZSFG and other hospitals and will enable both improved tracking of the overall burden of e-scooter injury as well as comparison of its prevalence across jurisdictions. Simultaneously, SFMTA's powered scooter permit program requires regular disclosure of user-reported injury crashes by permittees, as well as safety education and signage on devices. Finally, SFPD's established collision reporting process includes e-scooter as a specific vehicle type as well as detailed crash characteristics, including infrastructure factors associated with crashes. Together, these interdisciplinary data sources form a robust data collection framework to understand e-scooter related injury in San Francisco.	**	

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2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R5	SFMTA, City Attorney, and TNCs should review and if necessary modify the City-Permittee agreement, the TNC-User agreement, and any other related agreements to assure that responsibility for risk management is allocated to the party/parties best able to manage such risks. This review and potential modification of terms across all agreements should be initiated prior to the end of the existing Pilot. Any necessary revisions should be incorporated and implemented in all agreements for the replacement program to follow at the conclusion of the Pilot.	Mayor	Has been implemented	The City Attorney's Office has reviewed, in consultation with SFMTA, the City permits, the agreements between the Powered Scooter Share Operators and their users, and the Skip Charger Agreement referenced in the report before the end of the existing Pilot Program. The City Attorney's Office has specifically reviewed, in consultation with SFMTA, whether to modify the permit terms to fill any potential gap in responsibility between the Powered Scooter Share Operators and their independent contractors. At the end of July 2019, SFMTA issued a new permit application for the replacement permit program, and SFMTA anticipates issuing the next round of permits with a term to commence after the Pilot Program concludes in mid-October 2019. The permit application contains anticipated terms and conditions for the new program, and includes the following new clause in the permit terms to address any potential gap in responsibility between permittee and its independent contractors for obligations under the permit: Permittee may subcontract or delegate portions of its obligations only upon prior written approval of SFMTA. Permittee is responsible for, and must supervise, its personnel and all subcontractors, including independent contractors, who perform obligations under the permit. Any agreement made in violation of this provision shall be null and void. Also, SFMTA added a provision requiring that permittees "educate and train" any independent contractors who perform any part of the permittee's maintenance, cleaning, staffing, and repair plan. Recommendation #5 has not been implemented as to modifying the City permits to allocate risk between the Powered Scooter Share Operators and users to the party best able to manage such risks. The City Risk Manager recommended that it is not advisable for the City to insert itself into the risk allocation between the Powered Scooter Share Operators and their customers because the City could face unwarranted risk exposure for assessments that it does not have the authority to manage. Based on that recommendation, SFMTA did not modify the permits to allocate risk between the operators and users.	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R5	SFMTA, City Attorney, and TNCs should review and if necessary modify the City-Permittee agreement, the TNC-User agreement, and any other related agreements to assure that responsibility for risk management is allocated to the party/parties best able to manage such risks. This review and potential modification of terms across all agreements should be initiated prior to the end of the existing Pilot. Any necessary revisions should be incorporated and implemented in all agreements for the replacement program to follow at the conclusion of the Pilot.	City Attorney		Recommendation #5 has been implemented in part. In consultation with the SFMTA, the City Attorney's Office has reviewed the City permits, the agreements between the Powered Scooter Share Operators' and their users, and the Skip Charger Agreement referenced in the report before the end of the existing Pilot Program. In consultation with the SFMTA, the City Attorney's Office has specifically reviewed whether to modify the permit terms to fill any potential gap in responsibility as between the Powered Scooter Share Operators and their independent contractors. At the end of July 2019, SFMTA issued a new permit application for the replacement permit program, and the SFMTA informs us that it anticipates issuing the next round of permits with a term to commence after the Pilot Program concludes in mid-October 2019. The permit application contains anticipated terms and conditions for the new program, and includes the following new clause in the permit terms to address any potential gap in responsibility between permittee and its independent contractors for obligations under the permit: <i>Permittee may subcontract or delegate portions of its obligations only upon prior written approval of SFMTA. Permittee is responsible for, and must supervise, its personnel and all subcontractors, including independent contractors, who perform obligations under the permit. Any agreement made in violation of this provision shall be null and void.</i>	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R5	SFMTA, City Attorney, and TNCs should review and if necessary modify the City-Permittee agreement, the TNC-User agreement, and any other related agreements to assure that responsibility for risk management is allocated to the party/parties best able to manage such risks. This review and potential modification of terms across all agreements should be initiated prior to the end of the existing Pilot. Any necessary revisions should be incorporated and implemented in all agreements for the replacement program to follow at the conclusion of the Pilot.	City Attorney		Also, SFMTA added a provision requiring that permittees "educate and train" any independent contractors who perform any part of the permittee's maintenance, cleaning, staffing, and repair plan. Recommendation #5 has not been implemented as to modifying the City permits to allocate risk as between the Powered Scooter Share Operators and users to the party best able to manage such risks. The City Risk Manager recommended that it is not advisable for the City to insert itself into the risk allocation as between the Powered Scooter Share Operators and their customers because the City could face unwarranted risk exposure for assessments for which it does not have the authority to manage. Based on that recommendation, the SFMTA did not modify the permits to allocate risk between the operators and users.	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R3	SFPD Traffic Company should implement one or more "Focus on Five" enforcement campaigns that target moving violations by motor vehicles as well as bicycles and powered mobility devices in all traffic lanes, with documented results no later than June 30, 2020.	Chief, San Francisco Police Department	Has been implemented	SFPD Traffic Company has already implemented "Focus on the Five" enforcement campaigns targeting motor vehicles. At the end of June 2019, the Traffic Company formed a team of four motorcycle units called the Vision Zero Enforcement Task Force. Since its inception, this specialized team has written over 400 citations, 99% of which were for Focus on the Five violations.	**		**	

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2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R4	ZSFG, SFDPH, SFPD, and TNCs should collectively improve injury data reporting to better support root cause analyses. SFMTA and the SFDPH should develop and oversee the revised data collection efforts and prepare a data acquisition plan for review by the above referenced organizations no later than June 30, 2020.	Chief, San Francisco Police Department	Will be implemented	SFDPH, SFMTA, and ZSFG will coordinate to develop a data acquisition plan to improve data collection on factors associated with injury not currently captured in injury data sources, including e-scooter user education and infrastructure factors, by June 30, 2020. The plan will include data sharing with SFPD, as permissible, to inform safety efforts.	Recommendation Implemented	SFDPH response: SFDPH has been instrumental in advancing medical (ICD-10-CM) codes to capture e-scooter associated injury nationally, implemented October 1, 2020. These codes facilitate consistent identification of e-scooter related injury at ZSFG and other hospitals and will enable both improved tracking of the overall burden of e-scooter injury as well as comparison of its prevalence across jurisdictions. Simultaneously, SFMTA's powered scooter permit program requires regular disclosure of user-reported injury crashes by permittees, as well as safety education and signage on devices. Finally, SFPD's established collision reporting process includes e-scooter as a specific vehicle type as well as detailed crash characteristics, including infrastructure factors associated with crashes. Together, these interdisciplinary data sources form a robust data collection framework to understand e-scooter related injury in San Francisco.	**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R1	SFMTA in coordination with Vision Zero SF should design a public safety campaign regarding e-scooter use, laws, safety and helmet use. This campaign should include TNC participation and utilize various means of outreach including ads on MUNI trains, buses, shelters, social media, and TNC apps no later than June 30, 2020.	Director, San Francisco Municipal Transportation Agency	Has been implemented	The recommendation was implemented in October 2018. SFMTA conducted its own concurrent, updated safety awareness campaign, coinciding with the launch of the Pilot. Some details on this campaign are as follows: 1. Graphics demonstrate safe and unsafe behaviors while riding a scooter. 2. Developed "Dos and Don'ts" exterior and interior ads on MUNI buses and light rail vehicles, which ran city-wide for at least one month, beginning in October 2018. 3. Total impressions: 2,760,000 (metric measuring how many potential people saw the bus ad during the 4 week run). 4. Also developed printed collateral, printed 3,000 palm cards. 5. Distributed to Scoot and Skip, who then distributed them to users and the public. 6. SFMTA Taxi Enforcement staff also distributed them to the public while in the field issuing scooter citations. 7. Digital version distributed to Board of Supervisors and community partners (Lighthouse for the Blind, Independent Living Resource Center, Senior and Disability Action, DPW, Mayor's Office on Disability). 8. The scooter education campaign also ran on Vision Zero SF social media (Facebook and Twitter) and reached an additional 1,500 people.	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R2	Signage, stencils, visual symbols illustrating e-scooters, and/or other messaging should be provided to remind mobility device riders that these lanes are available for them to use. Further, additional visual symbols should be added on sidewalks and High-Injury Networks to discourage sidewalk use by e-scooters. The visual design(s) should be developed and implemented by SFMTA no later than June 30, 2020.	Director, San Francisco Municipal Transportation Agency	Requires further analysis	While scooters are permitted to use bicycle lanes, the lanes themselves are legislated as "bicycle lanes." SFMTA adheres to the California Manual on Uniform Traffic Control Devices (CA MUTCD), which provides for uniform standards and specifications for all official traffic control devices in California and governs signs and striping for all public roads in the state. CA MUTCD Section 3D.01 C. defines lane-use markings for bicycle lanes as follows: 1. "Bicycle lane—the preferential lane-use marking for a bicycle lane shall consist of a bicycle symbol or the word marking BIKE LANE (see Chapter 9C and Figures 9C-1 and 9C-3 through 9C-6)." 2. No additional lane-use markings—including scooter markings—are permitted in bicycle lanes at this time, per the CA MUTCD. 3. The CA MUTCD does not currently have signs or stencils for scooters; therefore, the recommended signs and stencils would not be allowed on public roads in San Francisco. Additionally, given that the City has approximately 160 miles of bicycle lanes, adding stencils and signage to all bicycle lanes would be cost prohibitive. SFMTA will investigate the feasibility of adding visual symbols on sidewalks and High-Injury Networks to discourage sidewalk use by e-scooters.	Will Not Be Implemented; Not Warranted or Not Reasonable	In 2019, SFMTA staff committed to investigating the feasibility of adding visual symbols on sidewalks and High-Injury Network streets to discourage sidewalk use by e-scooters. Upon investigating cost and feasibility, and considering alternatives, staff do not believe this would be an effective strategy for changing user behavior, nor do staff see it as the most cost-effective means to address the concerns raised by the Civil Grand Jury report.	**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R4	ZSFG, SFDPH, SFPD, and TNCs should collectively improve injury data reporting to better support root cause analyses. SFMTA and the SFDPH should develop and oversee the revised data collection efforts and prepare a data acquisition plan for review by the above referenced organizations no later than June 30, 2020.	Director, San Francisco Municipal Transportation Agency	Will be implemented	SFDPH, SFMTA, and ZSFG will coordinate to develop a data acquisition plan to improve data collection on factors associated with injury not currently captured in injury data sources, including e-scooter user education and infrastructure factors, by June 30, 2020. The plan will include data sharing with SFPD, as permissible, to inform safety efforts.	Recommendation Implemented	SFDPH has been instrumental in advancing medical (ICD-10-CM) codes to capture e-scooter associated injury nationally, implemented October 1, 2020. These codes facilitate consistent identification of e-scooter related injury at ZSFG and other hospitals and will enable both improved tracking of the overall burden of e-scooter injury as well as comparison of its prevalence across jurisdictions. Simultaneously, SFMTA's powered scooter permit program requires regular disclosure of user-reported injury crashes by permittees, as well as safety education and signage on devices. Finally, SFPD's established collision reporting process includes e-scooter as a specific vehicle type as well as detailed crash characteristics, including infrastructure factors associated with crashes. Together, these interdisciplinary data sources form a robust data collection framework to understand e-scooter related injury in San Francisco.	**	

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2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R5	SFMTA, City Attorney, and TNCs should review and if necessary modify the City-Permittee agreement, the TNC-User agreement, and any other related agreements to assure that responsibility for risk management is allocated to the party/parties best able to manage such risks. This review and potential modification of terms across all agreements should be initiated prior to the end of the existing Pilot. Any necessary revisions should be incorporated and implemented in all agreements for the replacement program to follow at the conclusion of the Pilot.	Director, San Francisco Municipal Transportation Agency	Has been implemented	The City Attorney's Office has reviewed, in consultation with SFMTA, the City permits, the agreements between the Powered Scooter Share Operators and their users, and the Skip Charger Agreement referenced in the report before the end of the existing Pilot Program. The City Attorney's Office has specifically reviewed, in consultation with SFMTA, whether to modify the permit terms to fill any potential gap in responsibility between the Powered Scooter Share Operators and their independent contractors. At the end of July 2019, SFMTA issued a new permit application for the replacement permit program, and SFMTA anticipates issuing the next round of permits with a term to commence after the Pilot Program concludes in mid-October 2019. The permit application contains anticipated terms and conditions for the new program, and includes the following new clause in the permit terms to address any potential gap in responsibility between permittee and its independent contractors for obligations under the permit: Permittee may subcontract or delegate portions of its obligations only upon prior written approval of SFMTA. Permittee is responsible for, and must supervise, its personnel and all subcontractors, including independent contractors, who perform obligations under the permit. Any agreement made in violation of this provision shall be null and void. Also, SFMTA added a provision requiring that permittees "educate and train" any independent contractors who perform any part of the permittee's maintenance, cleaning, staffing, and repair plan. Recommendation #5 has not been implemented as to modifying the City permits to allocate risk between the Powered Scooter Share Operators and users to the party best able to manage such risks. The City Risk Manager recommended that it is not advisable for the City to insert itself into the risk allocation between the Powered Scooter Share Operators and their customers because the City could face unwarranted risk exposure for assessments that it does not have the authority to manage. Based on that recommendation, SFMTA did not modify the permits to allocate risk between the operators and users.	**		**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R4	ZSFG, SFDPH, SFPD, and TNCs should collectively improve injury data reporting to better support root cause analyses. SFMTA and the SFDPH should develop and oversee the revised data collection efforts and prepare a data acquisition plan for review by the above referenced organizations no later than June 30, 2020.	Director, Department of Public Health	Will be implemented	SFDPH, SFMTA, and ZSFG will coordinate to develop a data acquisition plan to improve data collection on factors associated with injury not currently captured in injury data sources, including e-scooter user education and infrastructure factors, by June 30, 2020. The plan will include data sharing with SFPD, as permissible, to inform safety efforts.	Recommendation Implemented	SFDPH has been instrumental in advancing medical (ICD-10-CM) codes to capture e-scooter associated injury nationally, implemented October 1, 2020. These codes facilitate consistent identification of e-scooter related injury at ZSFG and other hospitals and will enable both improved tracking of the overall burden of e-scooter injury as well as comparison of its prevalence across jurisdictions. Simultaneously, SFMTA's powered scooter permit program requires regular disclosure of user-reported injury crashes by permittees, as well as safety education and signage on devices. Finally, SFPD's established collision reporting process includes e-scooter as a specific vehicle type as well as detailed crash characteristics, including infrastructure factors associated with crashes. Together, these interdisciplinary data sources form a robust data collection framework to understand e-scooter related injury in San Francisco.	**	
2018-19	Pedestrian Safety in the Era of Electric Mobility Devices [July 17, 2019]	R6	The Board of Supervisors should allow the Public Safety Advisory Committee to terminate on October 1, 2019 as designated in the San Francisco Municipal Code.	Board of Supervisors	Will not be implemented because it is not warranted or reasonable	In light of the Pedestrian Safety Advisory Committee's progress over the last year in addressing quorum issues, the ongoing declared state of emergency for pedestrian safety, and that the Pedestrian Safety Advisory Committee is the sole advisory body reporting to the Board on this crucial issue, the Board of Supervisors intends to extend the sunset date for the committee for an additional year, during which time the committee is advised to review and recommend changes in its structure to improve its efficacy going forward. The Board of Supervisors urges the Mayor to cause the implementation of the accepted findings and recommendations through his/her department heads and through the development of the annual budget.	**		**	

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