

BRIC 2020, City of Menlo Park, Menlo Park SAFER Bay Project

Status: Submitted to
FEMA

Evaluation

Is the applicant participating in the [Community Rating System \(CRS\)](#)? **Yes**

Select rating. **8**

Is the applicant a [Cooperating Technical Partner \(CTP\)](#)? **No**

Was this created from a previous FEMA HMA Advance assistance / Project scoping award? **No**

Has the applicant adopted building codes consistent with the [international codes](#)? **Yes**

Year of building code **2018**

Please provide the building code. **International Building Code (IBC) and International Residential Code (IRC)**

Have the applicant's building codes been assessed on the [Building Code Effectiveness Grading Schedule \(BCEGS\)](#)? **Yes**

Select rating. **3**

Describe involvement of partners to enhance the mitigation activity outcome. **The Menlo Park SAFER Bay Project partners are the City of Menlo Park as lead sub-applicant, San Francisquito Creek Joint Powers Authority (SFCJPA) for technical expertise, and Pacific Gas & Electric (PG&E) and Facebook as funding partners. All partners participated in consultations with stakeholder agencies that may have future roles providing input during the design, permitting, and construction phases. The SFCJPA will coordinate technical aspects and project elements with its five member agencies. PG&E and Facebook are providing project local match funding. The City of Menlo Park and the SFCJPA will continue public outreach efforts. As a public/private**

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partnership, the project team has held project consultations with entities throughout the development of the application for advice and assistance, including the Don Edwards National Wildlife Refuge and the South Bay Salt Ponds Restoration Project. The larger SAFER Bay program, which began approximately nine years ago, is being implemented in reaches as scope and funding allow. The Menlo Park SAFER Bay Project will leverage current funding from a CalOES FEMA HMGP grant awarded to the City of East Palo Alto for \$17.2 million, with the City of East Palo Alto providing \$5.5 million in local match funding. The SFCJPA also has a design and permitting grant from the California Department of Water Resources for approximately \$1 million. In addition, project partners PG&E and Facebook are contributing funds in the amount of \$10 million and \$7.8 million, respectively. All project partners expect that the Menlo Park SAFER Bay Project will stimulate interest from other potential public and private funding partners who will recognize the value of the overall SAFER Bay program. Please see the "Evaluation Attachment 1 – Leveraging Partners" for a detailed explanation of the project's partnership efforts.

Discuss how anticipated future conditions are addressed by this project.

The rising sea level in San Francisco Bay is forecast to continue into the next century, with experts recommending plans to provide resilience for at least 3.5 feet of sea-level rise over the next 90 years. The Menlo Park SAFER Bay Project, in conjunction with the rest of the SAFER Bay program that is underway, will remove the growing threat of flooding to the shoreline, including to the PG&E Ravenswood Substation. PG&E has analyzed how climate change may affect distribution, transmission, and substation assets, as well as electricity demand growth in the Menlo Park SAFER Bay Project impact area. A key part of PG&E's climate vulnerability assessment is understanding

how future temperature increases, and extreme heat wave events, will impact both physical grid infrastructure and customer demand for electricity. PG&E's analysis reveals the importance of the Ravenswood Substation and its ability to serve an expected increase in customer electricity demand. Please see the "Evaluation Attachment 2 – Future Conditions" for a more detailed discussion of future conditions related to the Menlo Park SAFER Bay Project.

Additional comments (optional)

Please see "Evaluation Attachment 3 - CRS Verification.pdf" for verification of Menlo Park's current CRS rating. Please see "Evaluation Attachment 4 - CA Adopted Building Codes.pdf" for verification of current California adopted building code standards. Please see "Evaluation Attachment 5 - BCEGS Rating.pdf" for verification of Menlo Park's BCEGS rating. Formal letter and benchmarking report can be made available once it is received by Menlo Park. Please see "BRIC 2020 Menlo Park SAFER Bay Letters of Support.zip" for letters from various local, regional, and national organizations supporting the Menlo Park SAFER Bay project and grant application. Additional comment on previous FEMA grant awards: The City of East Palo Alto was awarded an HMGP grant (DR-4344) for the East Palo Alto SAFER Bay Project to perform similar coastal protection work along the San Francisco Bay margin, which is a component of the larger SAFER Bay program. The Menlo Park SAFER Bay Project and East Palo Alto SAFER Bay Project are separate projects that have synergistic benefits when considered together. However, it must be emphasized that the BCRs are distinct and unique for each project, with no overlap in calculated costs or benefits between them. Please contact Andrew Gillings (andrew.gillings@caloes.ca.gov) at Cal OES if more information is needed.

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Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
BRIC 2020 Menlo Park SAFER Bay Letters of Support.zip	12/03/2020	emhinkley@menlopark.org	Evaluation Attachments	Letters of support	
Evaluation Attachment 1 - Leveraging Partners.pdf	12/01/2020	emhinkley@menlopark.org	Evaluation Attachments	Discussion of partnership efforts	
Evaluation Attachment 2 - Future Conditions.pdf	12/01/2020	emhinkley@menlopark.org	Evaluation Attachments	Discussion on anticipated future conditions	
Evaluation Attachment 3 - CRS Verification.pdf	12/01/2020	emhinkley@menlopark.org	Evaluation Attachments	Menlo Park CRS verification	
Evaluation Attachment 4 - CA Adopted Building Codes.pdf	12/01/2020	emhinkley@menlopark.org	Evaluation Attachments	Verification of California adopted building codes	
Evaluation Attachment 5 - BCEGS Rating.pdf	12/02/2020	emhinkley@menlopark.org	Evaluation Attachments	BCEGS rating verification	

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