

San Francisco Bay Conservation and Development Commission

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TO: Commissioners and Alternates

FROM: Lawrence J. Goldzband, Executive Director (415/352-3653; larry.goldzband@bcdc.ca.gov)
Jenn Hyman, P.E., Senior Engineer (415/352-3670; jennifer.hyman@bcdc.ca.gov)

SUBJECT: Recommendation for Engineering Criteria Review Board (ECRB Member Appointment)
(For Commission consideration on November 2, 2023)

Summary and Staff Recommendation

The staff recommends the appointment of Patrick Ryan, a Structural Engineer, to the ECRB by Chair Wasserman, with the Commission's concurrence.

Staff Report

The Engineering Criteria Review Board (ECRB) is a technical advisory board created in 1968 that advises the Commission in evaluating the engineering and safety aspects of projects in and along the Bay that require BCDC permits. Pursuant to Section 10271 of BCDC's regulations, the ECRB comprises of nine engineering professionals (along with four alternates) in private practice, government service, and/or academia. The ECRB members volunteer their time and expertise to advise the Commission regarding engineering design criteria of major fill projects to determine the adequacy of their specific safety provisions, including addressing the risk of earthquakes and flooding, and to assist applicants using appropriate engineering criteria when designing projects.

In March 2023, Board member Professor Jack Moehle, a specialist in structural and earthquake engineering, retired from the Board. Of the twelve remaining members, four are coastal engineers, three are structural engineers, four are geotechnical engineers, and one is an engineering geologist. One of the current alternates was promoted to a full board member. Staff conducted a search for a new structural engineer to fill the vacancy for the alternate: posting it on the BCDC web site and LinkedIn social media; reaching out to local universities including UC Berkeley, Stanford, San Jose State University, and San Francisco State University; and sending emails to the local chapters of the Society of Women Engineers, Society of Hispanic Professional Engineers, and the National Society of Black Engineers. BCDC's call for nominations emphasized both experience with complex projects in and near the Bay and the Commission's desire to broaden the diversity of the ECRB membership in accord with the Commission's recently adopted Environmental and Social Justice Guiding Principles.

After a careful screening and interview process, the staff recommends that the Commission Chair, with the Commission's concurrence, appoint Patrick Ryan, SE to fill the open alternate position on the ECRB.



If appointed, Patrick Ryan would provide his expertise on the Board as a structural engineer. Mr. Ryan is a licensed Professional Structural Engineer and Principal and co-founder of Ryan Joyce Structural Design, a San Francisco-based engineering and design firm. He has 31 years of professional experience managing Bay Area projects with structures on land, along the shoreline and in the Bay. Mr. Ryan served as the structural principal for the Exploratorium renovation and seismic retrofit of Piers 15 and 17 as well as developments in Mission Bay and Oyster Point. His recent design work at Piers 38-40 includes sea level rise and sea wall resilience. He has volunteered his time on committees for the Structural Engineers Association of Northern California and served on the Boards of the American Institute of Architects – San Francisco and the Construction Specifications Institute – San Francisco. Mr. Ryan's resume is attached.

If approved by the Commission, the appointment of Patrick Ryan will be effective immediately.