

January 20, 2012

**TO:** Commissioners and Alternates  
**FROM:** Will Travis, Executive Director (415/352-3653, travis@bcdc.ca.gov)  
Bob Batha, Chief of Permits (415/352-3612, bobb@bcdc.ca.gov)  
**SUBJECT:** **Listing of Pending Administrative Matters**  
(For Commission consideration on February 2, 2012)

This report lists the administrative permit applications, federal consistency actions, marsh development permits in the Secondary Management Area of the Suisun Marsh, regionwide permit actions, minor amendments to the Suisun Marsh Local Protection Program, and emergency permits that are pending with the Commission. The staff members to whom the matters have been assigned are indicated at the end of the projects' description. Inquiries should be directed to the assigned staff member prior to the Commission meeting.

#### **Administrative Permits and Federal Consistency Actions**

The following administrative permit application has been filed and is presently pending with the Commission. The Executive Director will take the action indicated on the matter unless the Commission determines that it is necessary to hold a public hearing.

**Applicant:** San Francisco International Airport  
Bureau of Planning and Environmental Affairs  
P.O. Box 8097  
San Francisco, California 9494128

**BCDC Permit Application No. M1986.026.07**

Filed: 01/18/12  
90th Day: 04/17/12

**Location:** In the Bay and within the 100-foot shoreline band, at the San Francisco International Airport, in the City and County of San Francisco.

**Description:** The San Francisco International Airport (SFO) proposes to implement a Runway Safety Area (RSA) to enhance safety areas at the end of runways to meet Federal Aviation Administration (FAA) standards. The project involves the construction of high energy-absorbing lightweight concrete beds at the ends of four runways, minor realignments of runway ends and taxiways, relocation of an electrical substation building, construction of an underground drainage system and pump station, upgrades to stormdrain outfall pipes, and modifications to navigational aids, runway and taxiway lighting, and airport signage.

Within the Commission's Bay jurisdiction, the project would involve: (a) replacing five outfall pipes; (b) realigning a service road; and (c) constructing a pile-supported catwalk and facilities associated with the existing runway approach trestles. Within an approximately 23,139-square-foot area (0.53 acre) of the Commission's 100-foot shoreline band jurisdiction, the project would involve various activities, including shifting runways and taxiways, constructing Engineered Materials Arresting Systems



(EMAS), realigning a perimeter service vehicle roadway, improving a stormwater drainage system, and constructing of a detention basin and pump station.

The project would result in approximately 4,126 square feet (0.09 acres) of Bay fill, and new public access improvements, including benches and interpretive signs at a nearby shoreline location. Prior to permit issuance, the Commission staff will work with SFO to finalize public access improvement plans and locations.

**Project  
Analysis:**

The FAA requires adequate distance to be maintained at the ends of runways to ensure safe take-off and landings. Because SFO is constrained geographically by Highway 101 and the Bay, its runways cannot be extended in length. Rather, it intends to meet the FAA safety and design regulations through a combination of “established distances”, shifting of runways, and installation of Engineered Materials Arresting Systems (EMAS, or lightweight concrete beds).

The project would result in 4,126 square feet of fill in the Bay. Approximately 1,064 square feet of fill would be for a catwalk and piles at the runway approach trestles. Approximately 1,322 square feet of fill needed to upgrade pile-supported stormdrain outfall pipes would be replacement fill and would not require direct work in the water or adversely affect Bay resources. The remaining 1,740 square feet (0.04 acres) of solid fill is for a sheet-pile seawall needed to realign a perimeter service roadway which would occur in a tidal wetland. Because of the limited area at SFO, the service road needs to be moved to accommodate an Engineered Materials Arresting System at the south end of Runway 1R and, thus, there is no upland alternative. SFO developed the sheet-pile seawall design to minimize fill. Lastly, SFO will mitigate for wetland impacts by purchasing approximately 0.2 acres of tidal wetland habitat at the Deepwater Slough Island Wetland Mitigation Project located in Redwood City, San Mateo County.

The NOAA National Marine Fisheries Service, the U.S. Fish and Wildlife Service (USFWS), and the San Francisco Bay Regional Water Quality Control Board collaborated with SFO to develop conservation and mitigation measures to ensure that the project would minimize impacts to Bay resources, including: conducting work at low tides and using a vibratory hammer to install the sheet-pile seawall and piling to minimize noise impacts; avoiding roadway realignment or outfall pipe work between February 1 and August 31 when California clapper rails are breeding; locating a USFWS-approved biologist on-site during construction to monitor for California clapper rails; and installing temporary fencing at the adjacent tidal marsh to protect habitat and wildlife.

As designed and to be conditioned, the project is consistent with the McAteer-Petris Act and *San Francisco Bay Plan* including policies on fill, public access, and mitigation.

*Tentative Staff Position: Recommend Approval. (Max Delaney; maxd@bcdc.ca.gov, 415/352-3668)*

#### **Permits in the Secondary Management Area of the Suisun Marsh**

Solano County has not issued any marsh development permits since the last listing.

#### **Minor Amendments to Suisun Marsh Local Protection Program**

The Commission has not received any amendments to the Suisun Marsh Local Protection Program for certification since the last listing.

#### **Regionwide Permits**

The Executive Director has not issued any regionwide permits since the last listing.

**Emergency Permits**

The Executive Director has not issued any emergency permits since the last listing.