



**DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION**

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In reply, refer to: NASA_2019_0918_002

Mr. Jonathan Ikan
Center Cultural Resources Manager
NASA Ames Research Center
Mail Stop 213-8
Moffett Field, CA 94035

Subject: Moffett Federal Airfield Airside Fuel Farm Facility Project, NASA Ames Research Center, Santa Clara County, CA

Dear Mr. Ikan:

The California State Historic Preservation Officer (SHPO) has received the September 18, 2019, letter initiating consultation regarding an undertaking at NASA Ames Research Center (ARC). NASA is consulting with the State Historic Preservation Officer (SHPO) in order to comply with Section 106 of the National Historic Preservation Act of 1966 (54 U.S.C. §306108), as amended, and its implementing regulations at 36 CFR Part 800. Along with the letter, NASA submitted a memorandum prepared by Stantec and dated September 18, 2019, that provides the Section 106 analysis, project maps, photographs, and plans.

The proposed undertaking, as described, involves construction of a new fuel farm facility to increase support of aviation-related activities at Moffett Federal Airfield. NASA intends to install eight above ground storage fuel tanks, a prefabricated field office building, and fueling stations with four pumps and canopy shelters in an approximately two-acre portion of the existing East Aircraft Parking Apron. The new facility would be surrounded on the north, east, and south sides by a new six to eight foot tall chain link fence with posts and concrete footings installed to a maximum depth of four feet below grade. On the west side, NASA would relocate existing jet blast fencing and install an additional 30 feet of new blast fence. Access would be via three sliding vehicle gates and one pedestrian gate. Between five and ten geotechnical borings would be conducted to a depth of 15 to 50 feet.

In addition to these improvements, NASA would install a new jet washing rack outside the fuel farm fence and remove the existing washing rack, install a new airfield chain link security fence along the Hangars 2 and 3 access road with another sliding vehicular gate, and canopies over three new bus service lanes. At the existing fuel farm facility, existing features would be removed, including fuel tanks, skids, prefabricated office

building, and Building 141. Concrete surrounding these features would be sawcut to allow removal of footings to a depth of five feet and utilities would be purged, capped, and abandoned in place. NASA would repair the paved surfaced upon completion.

NASA defined an Area of Potential Effect (APE) for this undertaking that includes the footprint of the new fuel farm facility and the existing fuel farm facility, and extends to include areas that might be indirectly affected, including the golf course, Hangars 2 and 3, and a portion of the airfield apron and taxiway. The vertical APE extends between 15 and 50 feet deep. The APE is located within an area NASA has defined as having low potential for archaeological resources and no known resources are located in the area. The APE also occurs within the NAS Sunnyvale Historic District, which was listed in the National Register in 1994 and resurveyed with an expanded period of significance and additional contributing resources in 2013. The only district contributor located within the immediate project area is MF 1002 – Parking Apron. The existing Jet Fueling Facility has been found ineligible for listing in the National Register individually or as a contributor to the historic district.

NASA finds that construction of the new Fuel Farm Facility would not adversely affect the Parking Apron directly or the rest of the historic district indirectly. Therefore, NASA proposes a Finding of No Adverse Effect. After reviewing the information submitted, the SHPO offers the following comments.

- This project qualifies as an undertaking with the potential to affect historic properties.
- The APE appears to be sufficient to take effects of the undertaking into account.
- Identification and evaluation efforts are sufficient.
- Based upon the information submitted, the SHPO has no objection to the proposed Finding of No Adverse Effect for this undertaking.
- Please be advised that under certain circumstances, such as unanticipated discovery or a change in project description, NASA may have additional future responsibilities for this undertaking under 36 CFR Part 800.

If you have any questions or concerns, please contact Mark Beason, State Historian, at (916) 445-4047 or mark.beason@parks.ca.gov.

Sincerely,



Julianne Polanco
State Historic Preservation Officer