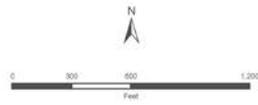




**Public Involvement**

The Corps is inviting the general public to submit comments on potential environmental impacts that could result from implementation of the proposal. The public comment period on preparation of an EA for the proposal described above would extend from **23 April through 8 May, 2013**. Please direct your comments to Carvel Bass, US Army Corps of Engineers at [carvel.h.bass@usace.army.mil](mailto:carvel.h.bass@usace.army.mil) or by mail at 915 Wilshire Boulevard, Ste. 11098, Los Angeles, CA, 90017. If you have questions or would like additional information, please contact Carvel Bass, Ecologist, Asset Management Division at (213) 452-3392.

The Corps will actively consider any comments timely received. The results of this consideration would be reflected in a memorandum for record placed in the Administrative Record, unless consideration of the comments was reflected directly in the EA, either through a modification of the document prompted by the comments or an appendix to the EA articulating responses to the comments. Once the EA is complete and if a FONSI is determined to be appropriate based upon the analysis contained in the EA, pursuant to the last cause of 33 CFR § 230.11, a separate notification will be sent to concerned agencies, organizations and to the interested public stating that the FONSI is available for review. If significant effects on the quality of the human environment are subsequently identified and can not be mitigated to a less than significant level, the Corps will initiate preparation of an EIS and afford the public opportunities to participate in the environmental review process.



**CORONA MUD RUN**  
2012 Mud Run Obstacle Map

GLENN LUKOS ASSOCIATES  
Exhibit 3



**Draft ENVIRONMENTAL ASSESSMENT  
for proposed activities on Corps-managed Federal land**

**Corona Mud Run**

**Proposed Date: June 15, 2013**

**Proponent: City of Corona Parks & Community Services Department**

**Location: Corona Municipal Airport  
1901 Aviation Drive, Corona, CA 92880 within the  
Prado Flood Control Basin, City of Corona  
Recreation Lease Area, Lease No. DACW09-1-67-60**

**ENVIRONMENTAL ASSESSMENT**  
**For proposed activities on Corps-managed Federal land**

Project Name: City of Corona – Mud Run  
Proposed Date: June 15, 2013  
Proponent: City of Corona, Parks & Community Services Department  
Location: City of Corona Municipal Airport; Prado Flood Control Basin Recreation Area  
County: Riverside County

**I. Project Authority, Purpose and Scope**

**a. PROJECT AUTHORITY**

The United States Army Corps of Engineers (Corps), pursuant to the specific authority granted by Congress in 16 USC 460d, is authorized to lease lands at water resources development projects to non-Federal entities for such periods, and upon such terms and for such purposes as are deemed reasonable in the public interest. The Corps has leased lands at Prado Basin to the City of Corona (City) for recreational and park purposes. Condition 3 of the recreation lease, DACW09-1-67-60, states the following:

*The lessee shall provide the facilities and services necessary to meet the public demand for the use of the area for Public Park and recreational purposes either directly or through concession agreements with third parties. All concession agreements shall expressly state that they are granted subject to all of the terms and conditions of this lease and that the concession agreement will not be effective until the terms and conditions thereof are approved by the District Engineer.*

This condition reserves to the District Engineer in accordance with 33 U.S.C. 327.21 the authority to approve special events, such as the Mud Run, to meet the public's demand for the use of the area for Public Park and recreational purposes.

**b. PURPOSE, DESCRIPTION, AND NEED**

The City of Corona Parks & Community Services Department, the primary recreational facility operator and lessee at Prado Basin, submitted a request to the Corps for approval of a one-day special event in accordance with the terms of its lease and as required by Federal law. Third party organizers of the Mach 1 Mud Run (Mud Run) have requested use of the City Municipal Airport (Airport) for the Third Annual Mud Run to be held on June 15, 2013. The event anticipates 3,000-4,000 participants and would include several obstacles throughout the course and would also host food, beverage and entertainment booths onsite. The City further requests approval to charge participants fees in the following amounts: \$39 for an individual and \$152 for a team thru 11/02/12; \$45 for an individual and \$172 for a team from 11/02/12 thru 1/04/13; \$55 for an individual and \$212 for a team from 1/04/13 thru 5/03/13; \$65 for an individual and \$252 for a team from 5/03/13 thru 5/31/13, and \$75 for an individual and \$300 for a team from 5/3/13 until registration closes on 6/15/13; and also to charge varying fees for food and beverages, alcoholic and non-alcoholic.

The Corps must consider and evaluate the City's request for concurrence for the proposed event, of which this is one such event, which has been deemed important by the City. The purpose of the proposed activity is to provide a Mud Run, a recreational activity meeting the

terms and conditions of the Corps lease, to serve approximately 3,000-4,000 attendees within the western portion of Riverside and Orange Counties.

### **c. SCOPE OF ANALYSIS**

This Environmental Assessment (EA) analyzes likely effects of the proposal by comparing a No Action Alternative, with the Proposed Action, which would consider permitting a one-day recreational event to occur on Corps-owned lands leased to the City within the Prado Flood Control Basin. This analysis is offered to the interested public to solicit input on the Proposal and was open for public input for 15 days.

Comments received from the public are addressed prior to determining whether an Environmental Impact Statement (EIS) will be required or if a Finding of No Significant (FONSI) can be issued. The public comment period was the fifteen (15) days following the Notice of Preparation (\*\*); however, any comments received after that date may also be addressed in this Final EA.

## **II. ALTERNATIVES**

### **a. No Action**

Under the No Action Alternative, the Corps would not provide approval to the City under the terms of the Lease. The requested recreational event, The Mud Run, would not be held at this designated Recreation area at Prado Basin. This would not meet the Project purpose under the City's recreation lease with the Corps. However, it is carried forward in the EA for comparison.

### **b. Onsite (Proposed Action)**

The proposed onsite alternative ("Proposed Action") would result in use of the Airport and its adjacent parking areas for a one-day Mud Run. The Airport is located at is located at 33.898004° north latitude and -117.601459° west longitude within Section 10, Township 3 South, and Range 7 West (Exhibit 1, Regional Map). The Airport is generally bounded by Rincon Street to the north, Railroad Street to the south, Smith Avenue to the east, and the Prado Flood Control Basin to the west (Exhibit 2, Vicinity Map). The proposed parking areas for this event would include existing parking stalls across the street at Butterfield Park located along Butterfield Drive and overflow parking along the southern side of the Airport. The event would restrict Butterfield Park from general park use. The area includes the Airport and Butterfield Park and their associated parking areas.

The City is proposing to conduct its third Mud Run, which is offered to residents and the surrounding community to support running, encourage an active lifestyle, and increasing recreational opportunities within the City. The proposed Mud Run is a recreational event, which would consist of several proposed obstacles, including:

- 16) A 15-foot wide, 75-foot long, and 1-3-foot deep mud pit with a dirt mound (Obstacle 1);
- 17) A 15-foot long, 4-foot wide, and 3-foot deep Log obstacle (Obstacle 2);
- 18) Low Crawl (Obstacle 3);
- 19) Hurdles (Obstacle 4);
- 20) Monkey Bars (Obstacle 5);

- 21) Straw bales (Obstacle 6);
- 22) Tunnels [tubes that you crawl through] (Obstacle 7);
- 23) Wall Climb (Obstacle 8);
- 24) Tires (Obstacle 9);
- 25) Cargo Net (Obstacle 10);
- 26) A 15-foot wide, 75-foot long, and 1.5-foot deep mud pit and dirt mound (Obstacle 11);
- 27) A 15-foot wide, 100-foot long, and 2-4-foot deep mud pit and dirt mound, and a 15-foot wide, 150-foot long, and 2-4-foot deep mud pit finale (Obstacle 12).

A graphic depicting the proposed alignment of the Mud Run, as well as a location for each obstacle, is attached as Exhibit 3. Approximately 3,000-4,000 runners and spectators are expected to participate in this event. This event will offer food and beverages for sale, both alcoholic and non-alcoholic, as well as other entertainment, at the conclusion of the race. The City Police and Fire Departments will provide oversight for Public Safety at this event. The fee for this event will vary between \$39 and \$75 for each registered runner, depending upon when each runner pays to participate in the event. Additionally, team registration, if proposed, would total between \$152 and \$300 per team, depending upon signup. Admission to the airport and parking will be available at either a nominal charge or it may be free.

It is anticipated that there will be no adverse impacts to the Airport, or its surrounding environment, resulting from the limited participation of this one-day event. Previous events offered at the airport have included "Wings & Wheels" and the "Great Taste," which have attracted well over 2,000-3,000 spectators with no adverse impact to the Airport, adjacent property, or the surrounding sensitive environment.

### **III. ALTERNATIVES CONSIDERED AND DISMISSED**

Alternatives considered and dismissed:

Within the Prado Basin, Butterfield Park and the Airport are often utilized for other medium-sized events with attendance of over 1,000-2,000 individuals. This includes opening day for Little League and Girls softball leagues, as well as past Airport "Wing & Wheels" events.

No alternative on site areas within Prado Basin are being considered at this time as any other areas that may be utilized within the Prado Basin are either impracticable and/or would result in potentially significant impacts upon the surrounding environment. Additional information is provided in Section III of this EA.

#### **c. Offsite**

Alternatives considered and dismissed:

Butterfield Park, which is also within the Prado Flood Control Basin and part of the City's recreational lease, has been dismissed as a potential off site alternative for the proposed Mud Run. This site has been dismissed because restrictions (and existing conditions) at the park, such as the presence of several baseball/softball fields and an enclosed dog park, are not conducive to hosting the Mud Run.

Other sizeable parks in the City, such as Santana Park and El Cerrito Park, are other sports complexes with multiple sports fields; however, neither of these parks offer sufficient space for runners participating in the proposed event; therefore, neither of these sites would practicably meet the project purpose.

Other than the three parks noted above, no other areas were identified meeting the needed criteria.

#### **IV. ENVIRONMENTAL IMPACTS**

N = Not present or No Impact will occur.

Y = Impacts may occur (if yes, explain in detail under Potential Impacts).

<b>IMPACTS ON THE PHYSICAL ENVIRONMENT</b>		
<b>DESCRIPTION OF RESOURCE AND BASELINE CONDITION</b>	<b>POTENTIAL DIRECT AND INDIRECT IMPACTS AND MITIGATION MEASURES</b>	<b>SIGNIFICANCE OF IMPACTS</b>
<p>1. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:</p> <ul style="list-style-type: none"> <li>- No unusual soils or geology are present at this site as the areas requested for use are either compacted soils near the City Airport runway or along the edge of the airport itself, disturbed areas, or areas supporting concrete. Most of the area is turfed with no special features or soils</li> </ul>	<p>Proposed Action: The proposed impacts are consistent with park events in heavy-use areas. Some minor impacts to soils (compaction) associated with the construction of each obstacle may occur. Equipment setup and takedown, high foot traffic, and vehicular use on turfed areas may be anticipated. City staff will provide logistical support. The proposed Mud Run alignment must be restored to pre-event conditions by the close of business on Friday June 21, 2013.</p> <p>No Action Alternative: City Airport use would continue as on average June Saturdays. The City Airport would not be negatively impacted by Mud Run user foot traffic.</p>	<p>Proposed Action: No significant adverse impact to geology or soil resources.</p> <p>No Action: No significant adverse impact to geology or soil resources.</p>
<p>2. WATER Resources:</p> <ul style="list-style-type: none"> <li>- No stream flow or groundwater surface resources are present at this site although Temescal Wash and Butterfield Drain are within the vicinity of the proposed Mud Run alignment.</li> </ul>	<p>Proposed Action: This proposal includes no activities within, or changes to, surface or groundwater as the activity would occur within turfed areas. The sensitive vegetated riparian habitat and wetland areas within Temescal Wash and Butterfield Drain would be off-limits to event-goers. No water contact and no impact to water would occur. No changes to the local water budget are anticipated.</p> <p>Trash may not be disposed of in Temescal Wash or Butterfield Drain and City Staff will provide trash receptacles for this event.</p>	<p>Proposed Action: No significant adverse impacts to water resources.</p>

	<p>City staff will provide logistical support. The proposed Mud Run alignment must be restored to pre-event conditions by the close of business on Friday June 21, 2013.</p> <p>No additional mitigation measures are needed.</p> <p>No Action: No more than minor impacts to water resources are anticipated from normal airport activities.</p>	<p>No Action: No significant adverse impacts to water resources.</p>
<p>3. AIR QUALITY:</p> <p>Presently, local City automobile traffic including nearby Smith Avenue, Rincon Street, Railroad Street, and Butterfield Drive, as well as State Highways 71 and 91, and the Interstate 15 Freeway, provide auto exhaust/emissions during weekday commute and weekend commute/other trips. During both weekday and weekends at Butterfield Park and the Airport, several thousand people and upwards of at least 950 vehicles may be present on any day.</p>	<p>Proposed Action: The Mud Run will have parking for up to 950 vehicles. Special events, such as this event, draw even larger crowds, which is why the City proposes to utilize the Airport. This event is a medium-sized special event on the City calendar, in comparison to larger events such as the July 4<sup>th</sup> Celebration with upwards of 35,000+. The activity would occur at a location within 1 mile of State Highway 91, 2.1 miles from the Interstate 15 Freeway, and 2.5 miles from State Highway 71. This event will also occur at City streets nearest Smith Avenue and Rincon Street.</p> <p>The event would not appreciably affect local air quality conditions, which are largely controlled by local freeway and Airport/City baseline traffic activity. The event Traffic Plan, which is being provided for public notification during the week ahead of Mud Run, will identify airport, street, or parking closures and locations for overflow parking. Since the overflow parking area will be adjacent to the Mud Run, vehicle usage in the immediate area will be minimized. All patrons may use any City parking area or shuttle, to enter the Airport on this day. The Site is approximately one mile from a Riverside County Transit and Metrolink station and event media encourages use of any public transit. City staff will provide logistical support. No additional mitigation measures are needed.</p> <p>No action: Conditions would be similar to baseline conditions at the Airport.</p>	<p>Proposed Action: No significant adverse impacts to air quality.</p> <p>No Action: No significant adverse impacts to air quality.</p>

<p><b>4. VEGETATION COVER, QUANTITY AND QUALITY:</b></p> <p>The Airport contains sensitive vegetated riparian habitat and wetland areas within Temescal Wash and Butterfield Drain. These habitat areas are considered high quality habitats. The proposed alignment for the Mud Run contains non-native grasses that are consistently maintained as part of ongoing City Airport maintenance, as required by the Corps lease. No disturbance to sensitive vegetated riparian habitat and/or wetland areas will occur.</p>	<p>Proposed Action: Impacts to vegetation would not be considered significant. Non-native grasses and/or disturbed areas may be temporarily disturbed by high foot traffic and temporary vehicular use on grassy areas. Riparian vegetation (Temescal Wash and Butterfield Drain) is nearby but outside of the limits of this event and activities will not occur in naturally vegetated areas. City staff will provide logistical support to ensure that no disturbance to these riparian habitat areas occurs. The proposed Mud Run alignment must be restored to pre-event conditions by the close of business on Friday June 21, 2013.</p> <p>No additional mitigation measures are needed.</p> <p>No action: Airport use would be anticipated to include typical airport activities, such as takeoff, landing, taxiing, airplane maintenance, and automobile traffic in peripheral areas. No more than minor impacts to vegetation are anticipated.</p>	<p>Proposed Action: No significant adverse effects to vegetation.</p> <p>No Action: No significant adverse effects to vegetation.</p>
<p><b>5. WILDLIFE:</b> Is there substantial use of the area by wildlife, birds or fish?</p> <p>Vegetated riparian habitat and wetland areas supporting several bird species are present within Temescal Wash and Butterfield Drain within the vicinity of the proposed Mud Run area; however, the alignment for the Mud Run does not support areas that would contain wildlife species, as the area is a functioning airport. Mud Run organizers, along with the City; have proposed an alignment that would not disturb sensitive wildlife with the potential to utilize the Airport and its surrounding environment.</p>	<p>Proposed Action: No impacts to wildlife are anticipated. City staff will provide logistical support to include preservation and protection of wildlife areas within the vicinity of the proposed Mud Run, maintenance of event boundaries, and general oversight. Event attendees will be advised by the event sponsors to remain within the designated boundaries of the event due to the environmental sensitivity of the surrounding vegetated riparian habitat areas.</p> <p>Because of the proximity of the Mud Run and its parking area to areas supporting sensitive wildlife species, such as the least Bell's vireo, physical barriers and/or personnel will be used to ensure that these sensitive habitat areas are not damaged by users of the Mud Run area.</p> <p>No additional mitigation measures are needed.</p>	<p>Proposed Action: No significant adverse effects to vegetation and other natural resources.</p>

	No Action: No impacts to wildlife identified from normal use of airport facilities.	No Action: No significant adverse effects to vegetation and other natural resources.
<p><b>6. THREATENED OR ENDANGERED SPECIES:</b>  Vegetated riparian habitat and wetland areas within the vicinity of the Airport and the Mud Run alignment support territories for the least Bell's vireo, a federal endangered songbird. The Mud Run, as well as its proposed obstacles, has been sited in order to eliminate potential noise impacts, or other potential impacts, to the least Bell's vireo.</p>	<p>Proposed Action: Although the least Bell's vireo is within the vicinity of the proposed Mud Run alignment, each obstacle has either been sited more than 500 linear feet from known vireo home ranges and/or obstacles proposed within less than 500 linear feet of known vireo home ranges would not create a physical or noise-related disturbance to this endangered species.</p> <p>Because of the proximity of the Mud Run and its parking area to areas supporting the least Bell's vireo, personnel will be used to ensure that there is no disturbance to threatened or endangered species by users of the Mud Run area.</p> <p>No additional mitigation measures are needed.</p> <p>No action Alternative: no adverse impacts to T&amp;E species are identified with normal airport use. An O&amp;M plan which was subject of a Section 7 consultation is in place.</p>	<p>Proposed Action: No significant adverse effects to listed species or their habitat.</p> <p>No Action: No significant adverse effects to listed species or their habitat.</p>
<p><b>7. WETLANDS:</b>  The proposed Mud Run alignment does not support Corps jurisdictional waters or wetlands. Nearby wetlands include areas within Temescal Wash and Butterfield Drain, but these areas would not be disturbed by the proposed event.</p>	<p>Proposed Action: No Corps jurisdictional waters or wetlands are present within the proposed alignment of the Mud Run. City staff will be present for oversight.  No additional mitigation measures are needed.</p> <p>No Action: No impacts to wetlands identified in normal airport use.</p>	<p>Proposed Action: No significant adverse effects to wetlands.</p> <p>No Action: No significant adverse effects to wetlands.</p>
<p><b>8. CULTURAL RESOURCES:</b>  No cultural resources are found above the ground surface at the proposed location. Ground disturbance will be limited to excavating four 1.5-foot deep mud pits, which will be proposed within areas that have already been disturbed by past ground-</p>	<p>Proposed Action: No cultural resources are found at the site proposed for the Mud Run. There would be no ground disturbance.</p> <p>No additional mitigation measures are needed.</p> <p>No action: no impacts identified.</p>	<p>Proposed Action: No significant adverse effects to cultural resources.</p> <p>No Action: No significant adverse effects to cultural resources.</p>

<p>disturbance activities (abandoned percolation pond access road areas and graded emergency airplane parking areas, etc.).</p>		
<p>9. AESTHETICS: The surrounding area supports sensitive southern willow woodland/riparian forest habitat associated with the Prado Flood Control Basin and a functioning airport; however, the proposed Mud Run alignment does not support sensitive habitat.</p>	<p>Proposed Action: The proposed Mud Run would not impact the aesthetic features within the vicinity of the proposed event as all areas supporting sensitive riparian habitat are being avoided as part of the event. Noise would be anticipated to increase somewhat for the duration of the event, but the City's noise ordinance will be enforced. City staff will provide logistical support.</p> <p>No additional mitigation measures are needed.</p> <p>No action alternative: no aesthetic impacts identified.</p>	<p>Proposed Action: No significant adverse effect to aesthetics.</p> <p>No Action: No significant adverse effect to aesthetics.</p>
<p>10. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:</p>	<p>Proposed Action: The proposal would not result in loss of limited local resources. Impacts would be temporary in nature. Similar impacts occur approximately four times a year for medium-sized special events generally held at the Airport. The Airport will still be available to airport users and tenants, but uses will be limited as no planes will be taking off or landing.</p> <p>Portable restrooms, including ADA restrooms, will be available and the locations will be signed during days prior to the Mud Run. Additional parking is provided on this day to all airport and Mud Run users to access all areas.</p> <p>See general Mitigation Measures at end of this document.</p> <p>No action: Existing demands upon environmental resources of land, water, air and/or energy associated with daily airport use would occur with no significant adverse effect.</p>	<p>Proposed Action: No significant adverse effect to these resources.</p> <p>No Action: No significant adverse effect to these resources.</p>

<p>11. WATERS/NAVIGABLE WATERS OF THE UNITED STATES:</p> <p>As with the Wetlands parameter, the use of waters of the US, or the addition of fill to such waters, is not a part of this event's project description. There are no jurisdictional waters within, or adjacent to, the Mud Run site and no Corps jurisdictional waters would be used by the public.</p>	<p>Proposed Action: No Corps jurisdictional waters are present within the Mud Run area; therefore, no disturbance to Corps jurisdictional waters will occur for this event. City staff will provide logistical support to ensure protection of nearby Corps resources.</p> <p>No additional mitigation measures are needed.</p> <p>No Action: No jurisdictional waters impacts would occur.</p>	<p>Proposed Action: No significant adverse effects to 'waters'.</p> <p>No Action: No significant adverse effects to 'waters'.</p>
<p>12. NOISE:</p> <p>Noise levels within the City are enforced through a noise ordinance, which also limits noise levels at all public parks and the Airport. Noise levels at the Airport associated with airplane takeoff and landing would exceed noise levels created by the Mud Run. The event hours are from 7 a.m. to 5 p.m. with the Airport runway being closed during this time. While runners are within the vicinity of the runway itself. The event is to officially end at 5 p.m. and be winding down at that time, to be enforced by City staff.</p>	<p>Proposed Action: Some minor temporary noise impacts are anticipated from event goers rooting on each Mud Run participant, as well as from concessionaires and entertainment. Noise levels will be directed away from neighboring residential areas. Noise will also be directed away from areas supporting the least Bell's vireo to ensure that no disturbance to potential least Bell's vireo breeding behavior occurs.</p> <p>The City will enforce its noise ordinance as well as public safety parameters. The City and the Mud Run sponsors have met regularly to plan this event and limit potential noise levels associated with the event. Additionally, City staff and Mud Run organizers have proposed an alignment that is sensitive to the potential breeding of the least Bell's vireo to ensure that no disturbance to this species occurs.</p> <p>No additional mitigation measures are needed.</p> <p>No Action: Typical noise levels associated with airplane takeoff and landings will occur as part of daily operations at the Airport.</p>	<p>Proposed Action: No significant adverse noise impacts.</p> <p>No Action: No significant adverse noise impacts.</p>

<p><b>13. IMPACTS TO EXISTING FEDERAL FLOOD RISK MANAGEMENT PROJECT:</b></p> <p>The Prado Flood Control Basin has as its primary purpose flood risk management. The exact event location is within the Airport, which is within the 100-year floodplain for Temescal Wash. Two floodwalls are present, which deflect potential flood flows toward nearby Temescal Wash and Butterfield Drain and, ultimately, into the Santa Ana River. These floodwalls provide the Airport with seven-year flood protection. Since the proposed activity is protected from floods, and the event is scheduled to occur outside of the winter rainy season, flood risk is extremely low.</p>	<p>Proposed Action: The event would not be expected to affect flood risk management efforts or facilities. In case of an extreme rain event, Corps notifies the City through a standard procedure. The City is responsible for notifying the sponsor of evacuation requirements. City staff will provide logistical support. No additional mitigation measures are needed to avoid impacting flood risk management efforts or facilities.</p> <p>No Action: No mitigation measures necessary, as no impact to existing federal flood risk management projects would occur beyond the typical activities at the Airport.</p>	<p>Proposed Action: No significant adverse effects to flood risk management project.</p> <p>No Action: No significant adverse effects to flood risk management project.</p>
<p><b>14. IMPACTS ON OTHER ENVIRONMENTAL RESOURCES:</b></p> <p>There are three known studies currently underway within, or adjacent to, the Project area. The first study consists of the City's OMC Project, which is fully permitted by the Corps. The second project consists of the City's proposed extension of a recycled water line from the intersection of Stagecoach Drive and Corydon Street to Butterfield Drive. The third project consists of the construction of a flood control levee adjacent to Rincon Street near Temescal Wash as part of the raising of Prado Dam. The proposed Project will not have an effect on any of the three projects.</p>	<p>Proposed Action: N/A No mitigation measures are needed.</p> <p>No Action: No mitigation measures necessary as no adverse impacts to environmental resources would occur under the no action alternative.</p>	<p>Proposed Action: No significant adverse effects are expected.</p> <p>No Action: No significant adverse effects are expected to these resources.</p>
<p><b>DESCRIPTION OF RESOURCE AND BASELINE CONDITION</b></p>	<p><b>[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES</b></p>	
<p><b>15. HUMAN HEALTH AND SAFETY:</b></p> <p>Human health and safety conditions are consistent with conditions at regional, smaller-scale airports within the Los Angeles area. City agencies oversee and monitor</p>	<p>Proposed Action: Attendance of 3,000 to 4,000 runners and/or spectators may result in the potential for overheating, basic medical needs, and other health and safety considerations consistent with a large event. Crimes of opportunity (pick pocketing, etc) are also possible at such an event, though</p>	<p>Proposed Action: No significant adverse effects to Health and Safety.</p>

<p>safety issues at the Airport.</p>	<p>none have been brought to the Corps' attention at past large events. To address potential large crowd impacts, health and safety provisions are as follows:</p> <p>-First Aid will be available and safety precautions enforced. An EMT unit will be onsite.</p> <p>-The City Police and Fire Departments, and other safety agencies, such as the City Parks and Recreation Department, monitor safety issues at the Airport under existing conditions and will be present at this event in particular. Besides City staff, Mud Run organizers provide security staff and parking lot attendees.</p> <p>No action: If the Corps did not approve the event, the airport would continue to be used by general users and policing would occur as usual.</p>	<p>No Action: No significant adverse effects to Health and Safety.</p>
<p><b>16. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION:</b></p> <p>No such activities are anticipated associated with these parameters, from this one-day event.</p>	<p>Proposed Action: There is no effect to such activities or production. No additional mitigation measures are needed.</p> <p>No action: If the Corps did not approve the event, the airport would continue to be used by general users and no other industrial, commercial, or agricultural activities would occur.</p>	<p>Proposed Action: No significant adverse effect to these parameters.</p> <p>No Action: No significant adverse effect to these parameters.</p>
<p><b>17. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:</b></p> <p>The proposed Mud Run would provide temporary employment for Proponent staff as well as additional work for City staff. Local commerce will be positively affected in that concessionaires will provide goods and services at the event.</p>	<p>Proposed Action: In general, jobs would not be created, moved, or eliminated. No additional mitigation measures are needed.</p> <p>No action: If the Corps did not approve the event, the airport would continue to be used on a daily basis and no additional temporary or permanent employment opportunities would occur.</p>	<p>Proposed Action: No significant adverse effects would result.</p> <p>No Action: No significant adverse effects would result.</p>
<p><b>18. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:</b></p> <p>The Airport and its surrounding environment (such as Butterfield Park) is an outdoor recreation area leased by City for recreational purposes. Parts of the Airport and its surroundings are generally</p>	<p>Proposed Action: The use of the Airport area for this event will restrict use of the Airport by other tenants for the hours of the event, 7 a.m. to 5 p.m., on Saturday June 15<sup>th</sup>. The airport runway will be closed and inaccessible from 7 a.m. – 5 p.m. (i.e., no takeoffs or landings of aircraft will occur) while runners are in the vicinity of the runway. The City has</p>	<p>Proposed Action: While some non-Event airport tenants will be temporarily affected by this large event, the Airport and its surroundings are provided for both general and special recreational event usage. Impacts are temporary and do not rise to the level of significance.</p>

<p>designated for conserving natural processes and resources. Sensitive areas are generally provided with barriers or signage in contrast with other recreation areas. The sensitive habitat areas containing sensitive wildlife species are located north, west, and south of the Project area.</p>	<p>communicated to the Mud Run representatives that other Airport businesses must remain open and unobstructed from public use. Although some naturally vegetated areas exist within the vicinity of the City Airport and Butterfield Park, no wilderness areas are nearby. Nearby recreational areas would not be affected by the activity and any temporary overflow parking areas at the Airport will be closed within 24 hours of the event's end. Additional mitigation measures are not necessary.</p> <p>No Action: If the Corps did not approve this event, normal Airport activities would occur, which would not have an effect on the access to, and quality of, recreational and wilderness activities</p>	<p>No Action: No significant adverse effect on the access to, and quality of, recreational and wilderness activities</p>
<p><b>19. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:</b></p> <p>The Airport has been developed for recreational purposes and does not support residential activities. The only commercial activities at the airport consist of everyday activity of an airport, as well as the local businesses within the facility. Due to the environmental sensitivity of the Airport area, residential use is prohibited and commercial activity is limited to areas along Aviation Drive.</p> <p>Housing is not a factor at the Airport or for this special event.</p>	<p>Proposed Action: The temporary nature of the proposed use will result in no effect to housing or population. No additional mitigation measures are needed.</p> <p>No Action: If Corps staff did not approve this project, no affect upon the density and distribution of population and housing would occur as residential use is prohibited at the Airport.</p>	<p>Proposed Action: No significant adverse effects to population will occur.</p> <p>No Action: No significant adverse effects to population will occur.</p>
<p><b>20. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:</b></p> <p>Traffic is consistent with Airport and urban park uses adjacent to several major roadways and in the vicinity of at least three major freeways.</p>	<p>Proposed Action: Traffic impacts may include temporary delays on roads in and around the Airport during the event hours. Traffic for this event will be handled by City staff. Traffic impacts are temporary. To alert residents and airport users of the upcoming event, the streets are to be signed during the preceding week to alert local residents.</p> <p>Parking areas are within the vicinity of sensitive environmental areas, which will be bounded by barricades, rope, and/or orange tape and any such temporary parking areas will again be</p>	<p>Proposed Action: No significant adverse impacts to traffic.</p>

	<p>closed within 24 hours following closure of the event.</p> <p>No additional mitigation measures are needed.</p> <p>No action: Airport use would not be anticipated to result in additional traffic impacts. Existing parking is generally considered to be sufficient for general airport users and tenants.</p>	<p>Proposed Action: No significant adverse impacts to traffic.</p>
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## V. CUMULATIVE IMPACTS

NEPA documents “should compare the cumulative effects of multiple actions with appropriate national, regional, state, or community goals to determine whether the total effect is significant” (CEQ 1997). The Environmental Assessment references various uses in the Basin while also specifying the narrow range of activities at the subject Spillway location. What “cumulative impacts” would the proposed action have? What is the incremental impact?

- Past – what impacts have past projects had on the surrounding resources?
- Present – what impact would the proposed action have on existing resources?
- Future – will the proposed action contribute to the degradation of the environment?

**PAST** -The Prado Flood Control Basin and its internal and surrounding areas has been the location of a number of past and present civil works projects including a variety of projects within the Prado Flood Control Basin as well as externally, adjacent to the basin. Internal projects include improvements to the Santa Ana River immediately downstream of the Prado Dam, the raising of the Prado Dam, and the construction of various levees/flood control structures within the basin associated with the raising of Prado Dam. A majority of these projects have been conducted by either the Corps or the California Department of Transportation (Caltrans). The City has constructed the Airport, Butterfield Park, Wastewater Treatment Plant Number 1, the Airport floodwalls, and other infrastructural improvements, which are approved by the Corps lease to the City and as part of regulatory approvals for the OMC Project. The Airport is also bordered by major thoroughfares such as State Highways 71 and 91, as well as the Interstate 15 Freeway. Local roadways near the Airport include Rincon Street, Auburndale Street, Smith Avenue, Corydon Street, Railroad Street, and Butterfield Drive. Areas surrounding the Airport support residential, commercial, and light industrial activities.

In the past, several 1-day special events have been held at the present location (Corona Municipal Airport) within the Prado Basin Recreation Area, which is leased by the Corps to the City. The Mud Run event is the only current event programmed by City recreation planners. Recreation became a part of the basin’s approved activities following the Airport’s construction in 1967 and in the interim, many basin improvements have been made for the local recreational public.

**PRESENT** –Other impacts at the Airport recently and currently include the OMC Project, which is a City-sponsored project consisting of the operation and maintenance of approximately 54 City facilities within Corps-owned land leased to the City as well as various restoration projects. These projects do not displace Airport users and tenants as such activities occur as part of everyday activity at the Airport (outside of the vireo nesting season) and in areas that are permanently set aside for conservation purposes. Such areas are not utilized by Airport users and tenants as they are protected due to their environmental sensitivity. The surrounding area is largely built to completion and/or is permanently protected for conservation purposes. Approximately 1 (over 1,000 persons) event is held at Prado Basin each year. Since this is the third year for the Mud Run, it is anticipated the attendance will be approximately 3,000 to 4,000 people.

**FUTURE** -The Corps will continue to review special event proposals and anticipates that the number of special events annually will remain roughly the same. The Corps will continue to examine resource needs and conflicts in the area, if they exist. This special event will not add to adverse cumulative effects within the Prado Flood Control Basin or at the Airport because if conducted and supervised as described, no adverse effects to the environment are foreseen.

## **VI. SUMMARY OF MITIGATION MEASURES OF THE PROPOSED ACTION AND ALTERNATIVES:**

Mitigation measures include those for access to, and quality of, recreational and wilderness activities, parking, traffic, recreational access, human health and safety, protection of wildlife, vegetation, and threatened/endangered species, noise, restroom facilities, and site restoration, as discussed above.

City staff will be onsite at all times to ensure that there are no impacts to federally-listed bird species, such as the least Bell's vireo, or any Corps structures or resources.

## **VII. AGENCY COORDINATION**

A notice of preparation for this Environmental Assessment was issued on and was open from April 23-May8, 2013. Corps and City staff provided information for and reviewed this draft Environmental Assessment, which notice was listed at the Corps and City website.

## **VIII. RESPONSE TO COMMENTS**

**TO BE PROVIDED BY CORPS ONCE PUBLIC NOTICING PERIOD EXPIRES.**

**(NO)COMMENTS WERE RECEIVED.**

## **IX. APPLICABLE ENVIRONMENTAL LAWS AND REGULATIONS**

For each of the following, please provide a brief description of any consultation efforts made, and the results of those consultation efforts. Any supporting documents are included in Appendices.

**a. Endangered Species Act (ESA):** The proposed action is in compliance with the ESA. Although threatened and endangered species, the least Bell's vireo, is within the general area of the proposed Mud Run, these species are not anticipated to be found within the Mud Run alignment and most proposed obstacles are not within 500 linear feet of known least Bell's vireo territories. Additionally, the City has sited each proposed obstacle for the Mud Run in order to ensure that no noise effects upon the vireo occur. No consultation with the Fish and Wildlife Service is required.

**b. Migratory Bird Treaty Act (MBTA):** The proposed action is in compliance with the MBTA in that implementation of the proposed project would avoid potential impacts to migratory birds. Sensitive wildlife areas with the potential to support migratory bird species will be demarcated from the Mud Run area and protected to ensure that no impact to these species occurs.

**c. Section 404 of the CWA.** The proposed action is in compliance with the Section 404 of the CWA. No jurisdictional waters will be affected by the Proposed Action.

**d. Section 401 of the CWA.** As above, the proposed action is in compliance with the Section 401 of the CWA because no such waters will be affected. A 401 permit is not required for this action.

**e. Coastal Zone Management Act (CZMA).** The proposed action is in compliance with the CZMA in that the project area is outside of the Coastal Zone.

**f. Section 176(C) of the Clean Air Act (CAA) General Conformity Rule Review.** The proposed action is in compliance with the CAA due to insignificant impacts, from a small number of vehicles, to local air quality.

**g. Section 106 of the National Historic Preservation Act (NHPA).** The proposed action is in compliance with the NHPA. The proposed activity has been reviewed by the Corps Los Angeles District's Chief Archaeologist and has determined that implementation of the project has no potential to affect cultural resources.

**h. Other applicable federal laws/regulations:** With the incorporation of mitigation measures the proposed project would be in compliance with applicable federal laws and regulations that apply to the project area.

**X. RECOMMENDATION:**

The analysis in this Environmental Assessment indicates that the proposal would not result in significant adverse effects to the human environment and an Environmental Impact Statement will not be required and, therefore, a Finding of No Significant Impact (/FONSI) may be prepared.

Conclusion:

EIS

FONSI

**EA Prepared By:**

\_\_\_\_\_  
Ecologist, Asset Management Division

\_\_\_\_\_  
Date

**Reviewed By:**

\_\_\_\_\_  
Karen M. Kennedy, Chief  
Civil Works Branch, Asset Management Division

\_\_\_\_\_  
Date

EXHIBIT 1

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Regional Map

EXHIBIT 2

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Vicinity Map

EXHIBIT 3

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Proposed Mud Run Alignment Map