APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): August 18, 2023

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Sacramento District, **Cadence Sports Park**, **SPK-2023-00344**

C. PROJECT LOCATION AND BACKGROUND INFORMATION:
State: **Nevada** County/parish/borough: **Clark County** City: **Henderson**
Center coordinates of site (lat/long in degree decimal format): Lat. **36.0803840891485**°, Long. **-114.989614865005**°
Universal Transverse Mercator: **11 681018.65 3994735.01**
Name of nearest waterbody: **Las Vegas Wash**
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: **Las Vegas Wash**
Name of watershed or Hydrologic Unit Code (HUC): **Las Vegas Wash, 15010015**
☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
☐ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc…) are associated with this action and are recorded on a different JD form:

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):
☒ Office (Desk) Determination. Date: August 21, 2023
☐ Field Determination. Date(s):

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There **Pick List** "*navigable waters of the U.S.*" within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There **are no** "*waters of the U.S.*" within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

SECTION III: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):
- ☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Potential Waters of the United States (WOUS) Technical Memorandum, dated February 2023, created by Atkins Global - Appendix A, Figure 1.
- ☐ Data sheets prepared/submitted by or on behalf of the applicant/consultant.
  - ☐ Office concurs with data sheets/delineation report.
  - ☐ Office does not concur with data sheets/delineation report.
- ☐ Data sheets prepared by the Corps:
- ☐ Corps navigable waters' study:
- ☐ U.S. Geological Survey Hydrologic Atlas:
  - ☐ USGS NHD data.
  - ☐ USGS 8 and 12 digit HUC maps.
- ☐ U.S. Geological Survey map(s). Cite scale & quad name: **1:24K; Henderson**
- ☒ USDA Natural Resources Conservation Service Soil Survey. Citation: Potential Waters of the United States (WOUS) Technical Memorandum, dated February 2023, created by Atkins Global - Appendix A, Figure 4.
- ☒ National wetlands inventory map(s). Cite name: Potential Waters of the United States (WOUS) Technical Memorandum, dated February 2023, created by Atkins Global - Appendix A, Figure 3.
- ☐ State/Local wetland inventory map(s):
- ☒ FEMA/FIRM maps: Potential Waters of the United States (WOUS) Technical Memorandum, dated February 2023, created by Atkins Global - Appendix A, Figure 2.
- ☐ 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- ☒ Photographs: ☒ Aerial (Name & Date): Google Earth imagery dating back to 1985 at the center coordinates of the site, accessed on August 21, 2023 by Corps personnel.
  or ☒ Other (Name & Date): Potential Waters of the United States (WOUS) Technical Memorandum, dated February 2023, created by Atkins Global - Appendix B – Study Area Photographs
- ☐ Previous determination(s). File no. and date of response letter:
- ☐ Applicable/supporting case law:
- ☐ Applicable/supporting scientific literature:
- ☐ Other information (please specify):

B. ADDITIONAL COMMENTS TO SUPPORT JD: The site has been developed as part of a new development and the existing constructed storm drain channel is approximately 4,900 feet long and 160- to 200-feet wide. It has been designed and constructed so that storm water will sheet flow across the surface for its extent up to the property line to the north. At the time of survey there was no water within the storm drain despite recent weather events. No wetland indicators were recorded as there was a distinct lack of hydrophytic vegetation and hydrology. There was no discernible channel present for the full extent of the storm drain; instead, there

are erosional and depositional features within the storm drain. Since the presence of these features was variable across the extent of the storm drain, it was not possible to identify any hydrogeomorphic units necessary to delineate a OHWM due to the absence of hydrologic or geomorphic indicators. At the northern end of the storm drain there is evidence of water creating some erosional features but some of the land between the storm drain and the Las Vegas Wash has been graded flat. Historic aerial imagery was reviewed in Google Earth back to December 1985 and the area of the storm drain and surrounding areas have been in some form of on-going development since then with no other discernable presence of an ephemeral, intermittent or perennial waterways/washes.