WESTERN JOSHUA TREE CENSUS

CITY OF ADELANTO, CALIFORNIA

APN: 3128-111-06

Prepared for:

Blue Engineering & Consulting, Inc. 9320 Baseline Road, Ste D Rancho Cucamonga, CA 91701

Prepared by:

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Biologists: Ryan Hunter, Lead Environmental Scientist & Wildlife Biologist Brian Bunyi, Environmental Scientist & Wildlife Biologist



Project No: RCA#2023-122 JT

October 30, 2023

TITLE PAGE

| Date Report Prepared: | October 30, 2023 |
|--------------------------|--|
| Field Work Completed: | October 19, 2023 |
| Report Title: | Western Joshua Tree Census |
| Project Location: | Adelanto, California APN: 3128-111-06 NW Corner: 34.55016548°, -117.43011603° NE Corner: 34.55016849°, -117.42802016° SW Corner: 34.54843794°, -117.43012111° SE Corner: 34.54844263°, -117.42802296° |
| Datum of Coordinates: | World Geodetic System 1984 (WGS 84) |
| Prepared For: | Blue Engineering & Consulting, Inc. 9320 Baseline Road, Ste D Rancho Cucamonga, CA 91701 |
| Principal Investigators: | Ryan Hunter, Lead Environmental Scientist & Wildlife Biologist Brian Bunyi, Environmental Scientist & Wildlife Biologist |
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Appendix B - City of Adelanto Municipal Code: Chapter 17.57.040

1.0 SUMMARY

At the request of the project proponent, RCA Associates, Inc. surveyed a 9.11-acre property located southeast of the intersection of Daisy Rd. and Cassia Rd. in the City of Adelanto, California (APN: 3128-111-06) (Figures 1 and 2). The properties corners are marked in figure 3 and the coordinates of the corners are displayed on the title page under location. The property site is located in Section 5, Township 5 North, Range 5 West (USGS Adelanto, CA 7.5-minute quadrangle).

The purpose of the survey was to evaluate the western Joshua trees present on the site to determine possible impacts to the population and to calculate approximate mitigation measures prior to site clearing activities. This report provides the results of the Western Joshua Tree Census performed on October 19, 2023. Following completion of the survey, RCA Associates, Inc. prepared this Western Joshua Tree Census to assist the project proponent with future planning regarding the possible relocation or removal of any Joshua trees and applying for an Incidental Take Permit (ITP). Information on the Joshua trees is provided in Section 4.0. The City of Adelanto Municipal Code has a chapter (Chapter 17.57.040) stating the purpose of the Western Joshua Tree Census, the importance of preserving the Joshua tree as important native desert vegetation, and the consequences of removing a tree without authorization. The requirements of the Ordinance (Chapter 17.57.040) and the City of Adelanto's Protected Plant Plan are provided in Appendix B.

Based on the results of the background data search it was determined that the project site is located within the reduced fee mitigation area for the Western Joshua Tree Conservation Act. Results of the field investigations yielded that there are 84 Joshua trees which occur within the boundaries of the property (Figures 1, 2 and 3). Based on the evaluation and analysis of each tree it was determined that 16 (19.1%) Joshua trees were less than 1 meter in height, 50 (59.5%) Joshua trees were 1 meter or greater but less than 5 meters in height, 11 (13.1%) Joshua trees were 5 meters or greater in height and 7 (8.3%) Joshua trees were dead. A summary of the mitigation fees is located in Table 4-1 and the GPS locations and information on each tree are provided in Table 4-2.

2.0 INTRODUCTION AND PROJECT LOCATION

The area surveyed is located on the southeast of Daisy Rd. and Cassia Rd. in the City of Adelanto, California. Vacant land borders the property boundary to the north and south. Directly west of the site is the Adelanto Power Conversion Station and to the east are residential properties. The biological resources on the site consist of a desert scrub community typical of the area which include Joshua tree (*Yucca brevifolia*), rubber rabbitbrush (*Ericameria nauseosa*), London rocket (*Sisymbrium irio*), fiddleneck (*Amsinckia tessellata*), white bursage (*Ambrosia dumosa*), puncture vine (*Tribulus terrestris*), and red brome (*Bromus rubens*).

Joshua trees occur throughout the Mojave Desert in Southern California and are typically found at an elevation of 400 to 1,800 meters (~1,200 to ~5,400 feet). Joshua trees within the western portion of the Mojave Desert typically receive more annual precipitation during "normal" years; consequently, cloning occurs more often resulting in numerous trunks sprouting from the same root system (Rowland, 1978). Joshua tree habitats provide habitat for a variety of wildlife species including desert woodrats (*Neotoma* sp.) and night lizards (*Xantusia* sp.) both of which utilize the base of the trees. A variety of birds also utilize Joshua trees for nesting such as hawks, common ravens, and cactus wrens. CDFW consider Joshua tree woodlands as areas that support relatively high species diversity and as such are considered to be a sensitive desert community. Joshua trees are also considered a significant resource under the California Environmental Quality Act (CEQA) and are included in the Desert Plant Protection Act, Food and Agricultural Code (80001 – 80006).

3.0 METHODOLOGIES

Pedestrian surveys were walked throughout the site and biologists from RCA Associates, Inc. evaluated each Joshua tree to determine the height, life stage, and a general health assessment based on CDFW survey protocol (Section 1927.3[a][b]). Each Joshua tree received a metal numbered tag which was affixed on the north side of each tree for orientation purposes if future transplanting is required by CDFW. A piece of flagging was affixed to each tree while taking pictures to indicate the tree of focus. The precise location and assessment of each tree was recorded using a Juniper Systems Cedar CT8X2 GPS tablet and a Nikon Forestry Pro II rangefinder was utilized to determine the extent of the property boundaries and accurate tree height. Those Joshua trees which occur on the property site are presented in Table 4-2 and the locations are provided in Figure 3. A 15meter (~50 ft) is recommended as part of the census area surrounding the project site but was not surveyed due to landowner permission not being obtained. A KML with geographic data on the positions of the trees will be provided to help locate trees in projects with significant tree density and for future mapping.

4.0 RESULTS

There are 84 Joshua trees on the property and the GPS locations of the Joshua trees are provided in Table 4-2. A total of 84 Joshua trees occur within the boundaries of the property (Figures 1, 2 and 3). Based on the evaluation and analysis of each tree it was determined that 16 (19.1%) Joshua trees were less than 1 meter in height, 50 (59.5%) Joshua trees were 1 meter or greater but less than 5 meters in height, 11 (13.1%) Joshua trees were 5 meters or greater in height and 7 (8.3%) Joshua trees were dead. A summary of the mitigation fees is located in Table 4-1 and the GPS locations and information on each tree are provided in Table 4-2.

Table 4-1: Summary of mitigation fees based on "Western Joshua TreeConservation Act Mitigation Fee Map

(https://experience.arcgis.com/experience/40690ac231124bccb07cbce42fc95ebd/)

| Reduced Mitigation Fees (within blue area) [See Section 1927.3 (d)]: | Number of trees per Size Class (A, B or C) | Approximate Cost per Size Class (A, B or C) |
|--|--|--|
| (A) Trees less than 1 meter in height - \$150 | 16 | \$2400 |
| (B) Trees 1 meter or greater but less than 5 meters in height - \$200 | 50 | \$10,000 |
| (C) Trees 5 meters or greater in height - \$1,000 | 11 | \$11,000 |
| Total number of trees eligible for mitigation | 77 | |
| Approximate total mitigation cost | | \$23,400 |
| Standard Fees (anywhere in State, outside blue area) [See Section 1927.3 (e)]: | Number of trees per Size Class (A, B or C) | Approximate Cost per Size Class (A, B or C) |
| (A) Trees less than 1 meter in height - \$340 | N/A | N/A |
| (B) Trees 1 meter or greater but less than 5 meters in height - \$500 | N/A | N/A |
| (C) Trees 5 meters or greater in height - \$2,500 | N/A | N/A |
| Total number of trees eligible for mitigation | N/A | N/A |
| Approximate mitigation cost | N/A | N/A |

Table 4-2: Western Joshua Tree Census. (Note: The GPS locations of the Joshua trees are provided below along with the height and a general health assessment.) (Note: The JT numbers correspond to the tag numbers placed on the Joshua trees.)

| Total Number of Joshua | Number of Dead | Number of Size Class | Number of Size Class | Number of Size Class |
|------------------------|----------------|----------------------|----------------------|----------------------|
| Trees On Site | Joshua Trees | "A" Joshua Trees | "B" Joshua Trees | "C" Joshua Trees |
| 84 | 7 | 16 | 50 | 11 |

| Joshua Tree | Latitude (WGS 84) | Longitude (WGS 84) | Live or Dead | Height of Tree (meters) | Size Class | Mature Tree (Branched) | Flowering or Fruiting Stage (flowers, fruits, or none) | Impact to Tree (removal, trim, relocation, other or none) | Will project activities be within 15 meters of tree | Relocation | Joshua Tree |
|----------------|----------------------|-----------------------|--------------------|-------------------------------|---------------|---------------------------|---|---|--|-------------------|-------------|
| JT 101 | 34.54967867 | -117.4285753 | Live | 2.3 | В | No | None | | | Not Applicable | JT 101 |
| JT 102 | 34.549685 | -117.4283735 | Live | 7.3 | С | Yes | None | | | Not Applicable | JT 102 |
| JT 103 | 34.55009517 | -117.428039 | Live | 2 | В | No | None | | | Not Applicable | JT 103 |
| JT 104 | 34.54949983 | -117.428028 | Live | 1.1 | В | No | None | | | Not Applicable | JT 104 |
| JT 105 | 34.54949017 | -117.4285763 | Live | 3.8 | В | Yes | None | | | Not Applicable | JT 105 |
| JT 106 | 34.54959483 | -117.4288788 | Live | 3.6 | В | Yes | None | | | Not Applicable | JT 106 |
| JT 107 | 34.54943183 | -117.4288933 | Live | 3.5 | В | Yes | None | | | Not Applicable | JT 107 |
| JT 108 | 34.54938833 | -117.4289688 | Dead | | | | | | | Not Applicable | JT 108 |

| Joshua Tree | Latitude (WGS 84) | Longitude (WGS 84) | Live or Dead | Height of Tree (meters) | Size Class | Mature Tree (Branched) | Flowering or Fruiting Stage (flowers, fruits, or none) | Impact to Tree (removal, trim, relocation, other or none) | Will project activities be within 15 meters of tree | Relocation | Joshua Tree |
|----------------|----------------------|-----------------------|--------------------|-------------------------------|---------------|---------------------------|---|---|--|-------------------|-------------|
| JT 109 | 34.54943467 | -117.4290445 | Dead | | | | | | | Not Applicable | JT 109 |
| JT 110 | 34.54952967 | -117.4290132 | Live | 5.2 | С | Yes | None | | | Not Applicable | JT 110 |
| JT 111 | 34.54955233 | -117.4289983 | Live | 0.7 | А | No | None | | | Not Applicable | JT 111 |
| JT 112 | 34.54959317 | -117.4292563 | Dead | | | | | | | Not Applicable | JT 112 |
| JT 113 | 34.54950767 | -117.4293192 | Live | 1.8 | В | No | None | | | Not Applicable | JT 113 |
| JT 114 | 34.54937183 | -117.4293495 | Live | 4.2 | В | Yes | None | | | Not Applicable | JT 114 |
| JT 115 | 34.549551 | -117.429449 | Live | 1.7 | В | No | None | | | Not Applicable | JT 115 |
| JT 116 | 34.54956433 | -117.4295522 | Live | 3.3 | В | Yes | None | | | Not Applicable | JT 116 |
| JT 117 | 34.54955 | -117.4296417 | Live | 1.1 | В | No | None | | | Not Applicable | JT 117 |
| JT 118 | 34.549684 | -117.429711 | Live | 3.2 | В | Yes | None | | | Not Applicable | JT 118 |
| JT 119 | 34.54938583 | -117.430034 | Live | 4 | В | Yes | None | | | Not Applicable | JT 119 |
| JT 120 | 34.54945417 | -117.4298053 | Live | 5 | С | Yes | None | | | Not Applicable | JT 120 |
| JT 121 | 34.54942033 | -117.4297173 | Live | 0.6 | А | No | None | | | Not Applicable | JT 121 |
| JT 122 | 34.549228 | -117.4297028 | Live | 1.8 | В | Yes | None | | | Not Applicable | JT 122 |

| Joshua Tree | Latitude (WGS 84) | Longitude (WGS 84) | Live or Dead | Height of Tree (meters) | Size Class | Mature Tree (Branched) | Flowering or Fruiting Stage (flowers, fruits, or none) | Impact to Tree (removal, trim, relocation, other or none) | Will project activities be within 15 meters of tree | Relocation | Joshua Tree |
|----------------|----------------------|-----------------------|--------------------|-------------------------------|---------------|---------------------------|---|---|--|-------------------|-------------|
| JT 123 | 34.54922667 | -117.4296595 | Live | 0.9 | А | No | None | | | Not Applicable | JT 123 |
| JT 124 | 34.54920933 | -117.4289175 | Live | 4.5 | В | Yes | None | | | Not Applicable | JT 124 |
| JT 125 | 34.5493085 | -117.4286358 | Live | 5.3 | С | Yes | None | | | Not Applicable | JT 125 |
| JT 126 | 34.54920617 | -117.4283797 | Live | 5.9 | С | Yes | None | | | Not Applicable | JT 126 |
| JT 127 | 34.54910783 | -117.4283123 | Live | 5.8 | С | Yes | None | | | Not Applicable | JT 127 |
| JT 787 | 34.55011383 | -117.4298468 | Live | 1.2 | В | No | None | | | Not Applicable | JT 787 |
| JT 788 | 34.549758 | -117.4301002 | Live | 2 | В | No | None | | | Not Applicable | JT 788 |
| JT 789 | 34.55002767 | -117.4295628 | Live | 2.3 | В | No | None | | | Not Applicable | JT 789 |
| JT 790 | 34.55011083 | -117.4295442 | Dead | | | | | | | Not Applicable | JT 790 |
| JT 791 | 34.54998383 | -117.4294298 | Live | 2.5 | В | No | None | | | Not Applicable | JT 791 |
| JT 792 | 34.54989767 | -117.4293958 | Live | 2.2 | В | No | None | | | Not Applicable | JT 792 |
| JT 793 | 34.54974233 | -117.4295085 | Dead | | | | | | | Not Applicable | JT 793 |
| JT 794 | 34.54984083 | -117.4292182 | Live | 1.8 | В | No | None | | | Not Applicable | JT 794 |
| JT 795 | 34.5499235 | -117.4290745 | Live | 5.6 | С | Yes | None | | | Not Applicable | JT 795 |

| Joshua Tree | Latitude (WGS 84) | Longitude (WGS 84) | Live or Dead | Height of Tree (meters) | Size Class | Mature Tree (Branched) | Flowering or Fruiting Stage (flowers, fruits, or none) | Impact to Tree (removal, trim, relocation, other or none) | Will project activities be within 15 meters of tree | Relocation | Joshua Tree |
|----------------|----------------------|-----------------------|--------------------|-------------------------------|---------------|---------------------------|---|---|--|-------------------|-------------|
| JT 796 | 34.54993883 | -117.4288368 | Dead | | | | | | | Not Applicable | JT 796 |
| JT 797 | 34.55014767 | -117.4285598 | Live | 4.6 | В | Yes | None | | | Not Applicable | JT 797 |
| JT 798 | 34.54980867 | -117.4286462 | Live | 2.7 | В | Yes | None | | | Not Applicable | JT 798 |
| JT 799 | 34.54975417 | -117.4286157 | Live | 2.9 | В | Yes | None | | | Not Applicable | JT 799 |
| JT 800 | 34.5496695 | -117.4287798 | Live | 1.2 | В | No | None | | | Not Applicable | JT 800 |
| JT 918 | 34.54864917 | -117.4299332 | Live | 0.9 | А | No | None | | | Not Applicable | JT 918 |
| JT 919 | 34.5485945 | -117.4298393 | Live | 0.3 | А | No | None | | | Not Applicable | JT 919 |
| JT 920 | 34.54866583 | -117.4297202 | Live | 0.9 | А | No | None | | | Not Applicable | JT 920 |
| JT 921 | 34.548569 | -117.4296155 | Live | 1 | В | No | None | | | Not Applicable | JT 921 |
| JT 922 | 34.54853417 | -117.4294015 | Live | 2 | В | No | None | | | Not Applicable | JT 922 |
| JT 923 | 34.54846517 | -117.4293615 | Live | 1.1 | В | No | None | | | Not Applicable | JT 923 |
| JT 924 | 34.54853267 | -117.4292682 | Live | 0.9 | А | No | None | | | Not Applicable | JT 924 |
| JT 925 | 34.54853067 | -117.4292165 | Live | 0.3 | А | No | None | | | Not Applicable | JT 925 |
| JT 926 | 34.54852067 | -117.4290898 | Live | 3.6 | В | No | None | | | Not Applicable | JT 926 |

| Joshua Tree | Latitude (WGS 84) | Longitude (WGS 84) | Live or Dead | Height of Tree (meters) | Size Class | Mature Tree (Branched) | Flowering or Fruiting Stage (flowers, fruits, or none) | Impact to Tree (removal, trim, relocation, other or none) | Will project activities be within 15 meters of tree | Relocation | Joshua Tree |
|----------------|----------------------|-----------------------|--------------------|-------------------------------|---------------|---------------------------|---|---|--|-------------------|-------------|
| JT 927 | 34.54850833 | -117.4290797 | Live | 4.4 | В | Yes | None | | | Not Applicable | JT 927 |
| JT 928 | 34.54852717 | -117.4290923 | Live | 1 | В | No | None | | | Not Applicable | JT 928 |
| JT 929 | 34.54852733 | -117.429073 | Live | 0.9 | А | No | None | | | Not Applicable | JT 929 |
| JT 930 | 34.54860633 | -117.4288615 | Live | 1.2 | В | No | None | | | Not Applicable | JT 930 |
| JT 931 | 34.54864817 | -117.428746 | Live | 2.1 | В | No | None | | | Not Applicable | JT 931 |
| JT 932 | 34.548479 | -117.4286612 | Live | 2.2 | В | No | None | | | Not Applicable | JT 932 |
| JT 933 | 34.54853883 | -117.428373 | Live | 3.4 | В | Yes | None | | | Not Applicable | JT 933 |
| JT 934 | 34.54852017 | -117.4280385 | Live | 4.1 | В | Yes | None | | | Not Applicable | JT 934 |
| JT 935 | 34.548516 | -117.4280492 | Live | 2.9 | В | Yes | None | | | Not Applicable | JT 935 |
| JT 936 | 34.54850883 | -117.4280362 | Live | 0.3 | А | No | None | | | Not Applicable | JT 936 |
| JT 937 | 34.548497 | -117.428044 | Live | 0.3 | А | No | None | | | Not Applicable | JT 937 |
| JT 938 | 34.5489155 | -117.4286608 | Live | 5 | С | Yes | None | | | Not Applicable | JT 938 |
| JT 939 | 34.54889733 | -117.4289137 | Live | 1.6 | В | No | None | | | Not Applicable | JT 939 |
| JT 940 | 34.54895033 | -117.4289607 | Live | 5.5 | С | Yes | None | | | Not Applicable | JT 940 |

| Joshua Tree | Latitude (WGS 84) | Longitude (WGS 84) | Live or Dead | Height of Tree (meters) | Size Class | Mature Tree (Branched) | Flowering or Fruiting Stage (flowers, fruits, or none) | Impact to Tree (removal, trim, relocation, other or none) | Will project activities be within 15 meters of tree | Relocation | Joshua Tree |
|----------------|----------------------|-----------------------|--------------------|-------------------------------|---------------|---------------------------|---|---|--|-------------------|-------------|
| JT 941 | 34.54894233 | -117.4289768 | Live | 0.8 | А | No | None | | | Not Applicable | JT 941 |
| JT 942 | 34.54892783 | -117.428996 | Dead | | | | | | | Not Applicable | JT 942 |
| JT 943 | 34.54891367 | -117.4290175 | Live | 0.8 | А | No | None | | | Not Applicable | JT 943 |
| JT 944 | 34.548871 | -117.4290182 | Live | 5.1 | С | Yes | None | | | Not Applicable | JT 944 |
| JT 945 | 34.54896517 | -117.42912 | Live | 1.9 | В | No | None | | | Not Applicable | JT 945 |
| JT 946 | 34.54904967 | -117.4290323 | Live | 0.9 | А | No | None | | | Not Applicable | JT 946 |
| JT 947 | 34.549098 | -117.4291365 | Live | 3.2 | В | Yes | None | | | Not Applicable | JT 947 |
| JT 948 | 34.54906983 | -117.4291443 | Live | 2.8 | В | Yes | None | | | Not Applicable | JT 948 |
| JT 949 | 34.54912167 | -117.429257 | Live | 1.7 | В | No | None | | | Not Applicable | JT 949 |
| JT 950 | 34.54894933 | -117.4295717 | Live | 1.6 | В | No | None | | | Not Applicable | JT 950 |
| JT 951 | 34.54882217 | -117.4299277 | Live | 1 | В | No | None | | | Not Applicable | JT 951 |
| JT 952 | 34.54896067 | -117.4299762 | Live | 0.3 | А | No | None | | | Not Applicable | JT 952 |
| JT 953 | 34.54903233 | -117.4299668 | Live | 1.3 | В | No | None | | | Not Applicable | JT 953 |
| JT 954 | 34.54913967 | -117.4299332 | Live | 0.9 | Α | No | None | | | Not Applicable | JT 954 |

| Joshua Tree | Latitude (WGS 84) | Longitude (WGS 84) | Live or Dead | Height of Tree (meters) | Size Class | Mature Tree (Branched) | Flowering or Fruiting Stage (flowers, fruits, or none) | Impact to Tree (removal, trim, relocation, other or none) | Will project activities be within 15 meters of tree | Relocation | Joshua Tree |
|----------------|----------------------|-----------------------|--------------------|-------------------------------|---------------|---------------------------|---|---|--|-------------------|-------------|
| JT 955 | 34.54913133 | -117.4297697 | Live | 4.1 | В | Yes | None | | | Not Applicable | JT 955 |
| JT 956 | 34.5491385 | -117.429621 | Live | 1.5 | В | No | None | | | Not Applicable | JT 956 |
| JT 957 | 34.54917633 | -117.4295787 | Live | 2.2 | В | Yes | None | | | Not Applicable | JT 957 |
| JT 958 | 34.54918833 | -117.4289802 | Live | 4.4 | В | Yes | None | | | Not Applicable | JT 958 |
| JT 959 | 34.5491815 | -117.4287575 | Live | 3 | В | Yes | None | | | Not Applicable | JT 959 |
| JT 960 | 34.54919567 | -117.428423 | Live | 5.8 | С | Yes | None | | | Not Applicable | JT 960 |

5.0 CONCLUSIONS

The site is located within the reduced mitigation fee area by CDFW for the Western Joshua Tree Conservation Act. A total of 84 Joshua trees occur within the boundaries of the property (Figures 1, 2 and 3). As stated above based on the evaluation and analysis of each tree it was determined that 16 (19.1%) Joshua trees are less than 1 meter in height and are categorized under size class "A". There are 50 (59.5%) Joshua trees 1 meter or greater but less than 5 meters in height categorized under size class "B". There are 11 (13.1%) Joshua trees 5 meters or greater in height categorized under size class "C". A total of 7 (8.3%) Joshua trees were tagged as dead. As indicated in Table 4-1, the majority of the Joshua trees are less than 5 meters in height.

As of July 10, 2023, California legislature passed and signed the Western Joshua Tree Conservation Act (WJTCA, Senate Bill 122) into effect listing the western Joshua tree (*Yucca brevifolia*) as a candidate endangered species. The WJTCA authorizes CDFW to oversee the various permitting processes dealing with mitigation and/or removal of western Joshua trees. Therefore, any attempt to remove a Joshua tree from its current position will require a California Endangered Species Act Incidental Take Permit (CESA, ITP) or a Western Joshua Tree Conservation Act Incidental Take Permit (WJTCA, ITP). CDFW is the lead agency in the decision making of the projects forward progress pertaining to western Joshua trees.

The City of Adelanto's Municipal Code (Chapter 17.57.040) requires preservation of Joshua trees given their importance in the desert community. A qualified City-approved biologist or arborist should be retained to conduct any future removal/transplanting activities and should follow the protocol of the City's Municipal Code and Protected Native Vegetation Plan provided by the City's Planning Division.

6.0 **REFERENCES**

- Brittingham, S. and W. Lawrence. 2000. Facilitation of *Yucca brevifolia* Recruitment by Mojave Desert Shrubs. Western North American Naturalist 60(4), pp. 374-383.
- Cal. Fish & G. Code § 1927.3, Added by Stats 2023 ch 51 (SB 122),s 5, eff. 7/10/2023.
- City of Hesperia. 1990. Native Desert Vegetation Ordinance, Municipal Code: Chapter 16.24.
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- Johnson, H. 1976 vegetation and Plant Communities of Southern California Deserts- a functional view. In Symposium proceedings: Plant communities of Southern California. June Latting, editor. California Native Plant Society, Spec. No. 2 Berkeley, CA.
- Munz, Philip A. 1974. A Flora of Southern California. University of California Press, Berkeley, California. 1086 pp.
- SB 122, Committee on Budget and Fiscal Review. Public resources trailer bill. SEC 5, Chapter 11.5. Western Joshua Tree Conservation Act.

7.0 CERTIFICATION

I hereby certify the statements furnished above and in the attached exhibits, present the data and information required for this Joshua tree survey and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief. Field work conducted for this survey was performed by Ryan Hunter and Brian Bunyi.

Ryan Hunter Brian Bunyi Date: October 30, 2023, Signed:

Field Work Performed by: <u>Ryan Hunter</u> Lead Environmental Scientist & Wildlife Biologist

> Brian Bunyi Environmental Scientist & Wildlife Biologist

APPENDIX A

Figures







APPENDIX B

City of Adelanto Municipal Code: Chapter 17.57.040