

September 16, 2022

Brett Hamilton, AICP, Senior Planner
City of Menifee
Community Development Department-Planning Division
29844 Haun Road
Menifee, CA 92586

Subject: Focused MSHCP Plant Species 2022 Survey for the Caliber Collision Paint and Autobody Repair Shop Project in Menifee, Riverside County, California (LSA Project No CIM2201)

Dear Mr. Hamilton:

This report documents the results of a 2022 focused survey for Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) plant species for the Caliber Collision Paint and Autobody Repair Shop Project (project). The approximately 2.3-acre project, consisting of Assessor's Parcel Number 384-130-028, is at the northwest corner of Zeiders Road and Cirilo Road in Menifee, Riverside County, (Figures 1 and 2, attached).

Section 6.1.3 of the MSHCP requires focused surveys for specified sensitive plant species if the project is within a Narrow Endemic Plant Species Survey Area (NEPSSA) and suitable habitat is present. The project is within NEPSSA 3, which indicates the need for a focused survey within suitable habitat for the following plant species:

- Munz's onion (*Allium munzii*)
- San Diego ambrosia (*Ambrosia pumila*)
- Many-stemmed dudleya (*Dudleya multicaulis*)
- spreading navarretia (*Navarretia fossalis*)
- California Orcutt grass (*Orcuttia californica*)
- Wright's trichocoronis (*Trichocoronis wrightii* var. *wrightii*)

The results of the survey were negative for the target species.

BACKGROUND

The survey area consists of the entire approximately 2.3-acre project site. Vegetation in the survey area, consisting of nonnative grassland, is disturbed due to regular discing. Dominant species include paniculate tarplant (*Deinandra paniculate*), redstem filaree (*Erodium cicutarium*), ripgut brome (*Bromus diandrus*), and common fiddleneck (*Amsinckia intermedia*), shortpod mustard (*Hirschfeldia incana*), tocalote (*Centaurea melitensis*), stinknet (*Oncosiphon pilulifer*), foxtail barley (*Hordeum murinum*), foxtail brome (*Bromus madritensis*), and rattail sixweeks grass (*Festuca myuros*).

Precipitation values for the 2021–2022 wet season and normal season precipitation values were taken from the WeatherCurrents.com website (<http://weathercurrents.com/perris/>). Total 2021–2022 wet

season precipitation in the general project area was 5.2 inches, compared to an average season value of 8.8 inches.

METHODS

Focused NEPSSA surveys were conducted by LSA botanist Stan Spencer, PhD, and timed to coincide with the blooming periods of target species. An early season survey was conducted on May 10, 2022, from 8:55 to 11:10 a.m. A late season survey was conducted on June 22 from 6:45 to 9:00 a.m. The surveys were conducted by walking approximately 50-foot-wide transects throughout the project site. The surveys were floristic in nature, and all plant species observed during the surveys were noted.

RESULTS

No NEPSSA 3 species were observed during the focused plant survey. Therefore, NEPSSA 3 species are considered absent from the site and are not expected to be affected by project activities. No other sensitive plant species were observed. A complete list of plant species observed on the site is included in attached Table A.

If you have any questions concerning the report, I can be contacted at (951) 232-4124 or stan.spencer@LSA.net.

Sincerely,

LSA ASSOCIATES, INC.



Stanley C. Spencer, Ph.D.
Senior Biologist/Botanist

Attachments: Figure 1: Project Location and Vicinity
Figure 2: Project Area
Table A: Vascular Plant Species Observed

cc: Melody Aimar, MSHCP Biological Monitoring Program

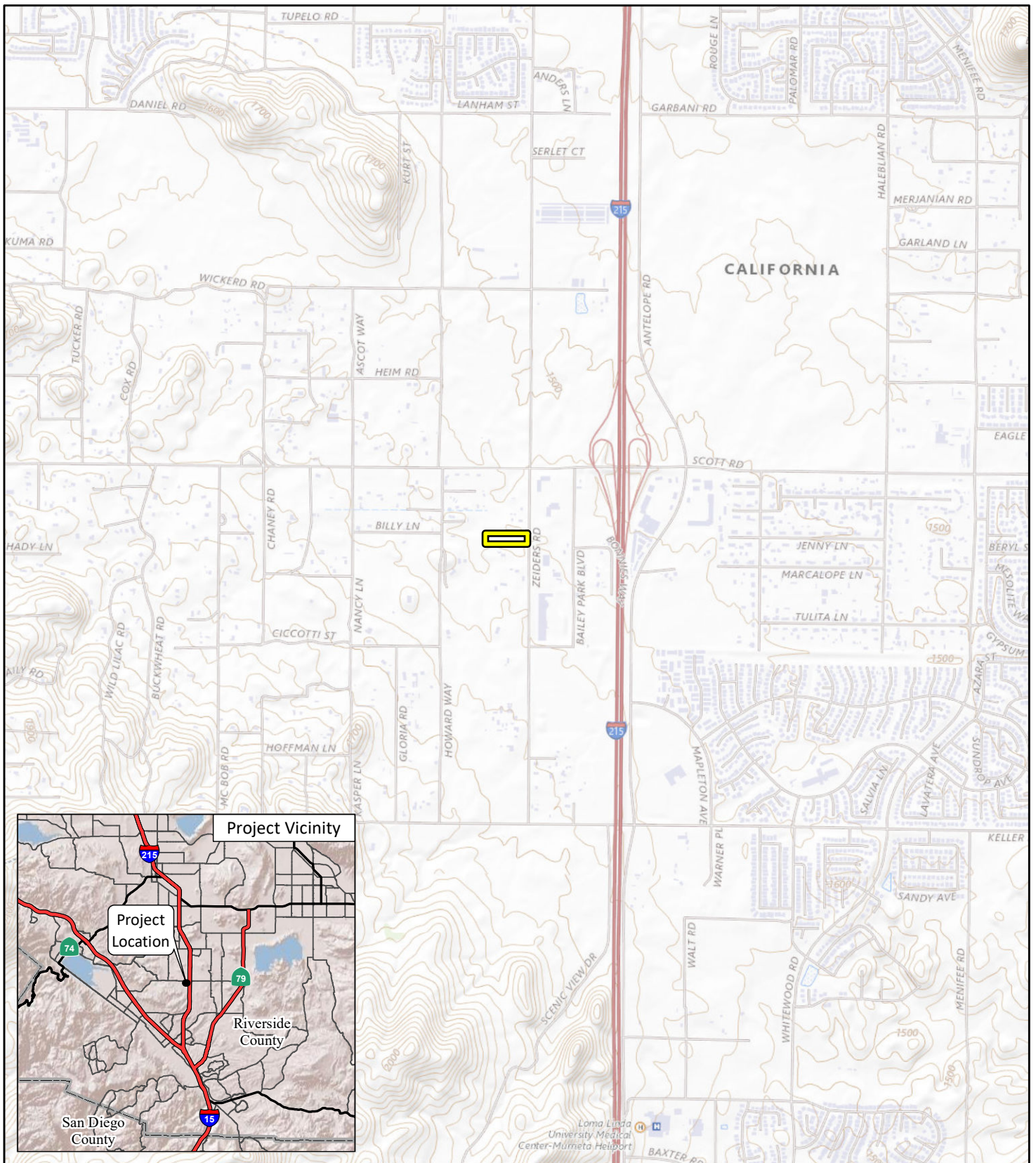
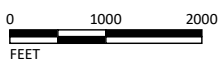


FIGURE 1

LSA

LEGEND

 Project Location



SOURCE: USGS The National Map (2018)

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Caliber Collision Autobody Shop
Project Location and Vicinity



HOWARD WAY

ZEIDERS RD

BAILEY PARK BLVD

CIRILO RD

LSA

LEGEND

 Project Location



0 100 200
FEET

SOURCE: Google Imagery (2022)

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FIGURE 2

Caliber Collision Autobody Shop
Project Area

Table A: Vascular Plant Species Observed

Scientific Name	Common Name
Eudicot Flowering Plants	
Adoxaceae	Muskroot family
<i>Sambucus mexicana</i>	Blue elderberry
Anacardiaceae	Sumac family
<i>Schinus molle</i> *	Peruvian peppertree
Asteraceae	Sunflower family
<i>Anthemis cotula</i> *	Mayweed
<i>Artemisia californica</i>	California sagebrush
<i>Centaurea melitensis</i> *	Maltese star-thistle
<i>Corethrogyne filaginifolia</i>	Common sandaster
<i>Deinandra paniculata</i>	Paniculate tarplant
<i>Erigeron canadensis</i>	Canadian horseweed
<i>Helianthus annuus</i>	Common sunflower
<i>Lactuca serriola</i> *	Prickly lettuce
<i>Matricaria discoidea</i>	Disc mayweed
<i>Oncosiphon pilulifer</i> *	Stinknet
<i>Sonchus asper</i> *	Prickly sow thistle
<i>Sonchus oleraceus</i> *	Common sow thistle
<i>Verbesina encelioides</i> *	Golden crownbeard
Boraginaceae	Borage family
<i>Amsinckia retrorsa</i>	Rigid fiddleneck
<i>Heliotropium curassavicum</i>	Salt heliotrope
<i>Plagiobothrys acanthocarpus</i>	Adobe allocarya
Brassicaceae	Mustard family
<i>Brassica nigra</i> *	Black mustard
<i>Hirschfeldia incana</i> *	Shortpod mustard
<i>Sisymbrium irio</i> *	London rocket
Chenopodiaceae	Saltbush family
<i>Salsola tragus</i> *	Russian thistle
Euphorbiaceae	Spurge family
<i>Croton setigerus</i>	Dove weed
<i>Euphorbia albomarginata</i>	Whitemargin sandmat
<i>Euphorbia maculata</i> *	Spotted spurge
Fabaceae	Pea family
<i>Acmispon micranthus</i>	Fishhook lotus
<i>Melilotus albus</i> *	White sweetclover
<i>Melilotus indicus</i> *	Annual yellow sweetclover
Geraniaceae	Geranium family
<i>Erodium cicutarium</i> *	Redstem stork's bill
Lamiaceae	Mint family
<i>Marrubium vulgare</i> *	Horehound
<i>Trichostema lanceolatum</i>	Vinegar weed
Malvaceae	Mallow family
<i>Malva parviflora</i> *	Cheeseweed mallow
<i>Malvella leprosa</i>	Alkali mallow
Myrtaceae	Myrtle family
<i>Eucalyptus sp.</i> *	Eucalyptus

Table A: Vascular Plant Species Observed

Scientific Name	Common Name
Oleaceae	Olive family
<i>Olea europaea</i> *	Olive
Polygonaceae	Buckwheat family
<i>Eriogonum fasciculatum</i>	California buckwheat
<i>Rumex crispus</i> *	Curly dock
Solanaceae	Nightshade family
<i>Datura wrightii</i>	Sacred thorn-apple
<i>Nicotiana glauca</i> *	Tree tobacco
Poaceae	Grass family
<i>Avena fatua</i> *	Wild oat
<i>Bromus diandrus</i> *	Ripgut brome
<i>Bromus hordeaceus</i> *	Soft chess
<i>Bromus rubens</i> *	Red brome
<i>Cynodon dactylon</i> *	Bermuda grass
<i>Festuca myuros</i> *	Annual fescue
<i>Festuca perennis</i> *	Ryegrass
<i>Hordeum murinum</i> *	Mouse barley

*= non-native