



ARCHAEOLOGICAL RESOURCES

ENVIRONMENTAL SCREENING TOOL

QUESTIONS?

Additional information regarding environmental review can be obtained at the Planning Counter at 630 Garden Street (805) 564 5578, PlanningCounter@SantaBarbaraCA.gov



WHAT ARE ARCHAEOLOGICAL RESOURCES?

Archaeological resources are below-ground deposits dating from prehistoric or historical time periods. They may be as simple as an archaeological object, an area used for flaking stone tools, an encampment, or a petroglyph; or they may be more complex and include a prehistoric settlement or features incorporated into cities that still exist. Even the smallest archaeological site may contain a wealth of important information. Archaeological resources cannot be duplicated or replaced if lost. It is important to remember that archaeological resources are protected by law.

In addition to State and Federal regulations, there are several City policies that protect and preserve archaeological resources found in the City General Plan, Local Coastal Plan, Master Environmental Assessment, and Municipal Code Chapter [22.12](#), *Archaeological and Paleontological Resources*.

IS MY SITE IN AN ARCHAEOLOGICAL SENSITIVITY ZONE?

Look up if a site is in an archaeological sensitivity zone through the City's online mapping application, [MAPS](#). You may also use the Archaeological Resources Screening Tool on page 3 to help you figure out if additional submittal information may be required for a proposed project.

WHEN IS ARCHAEOLOGICAL REVIEW REQUIRED?

Anytime ground disturbance is proposed on a site located in an archaeological sensitivity zone, some form of archaeological review is required. At a minimum, contractors and construction personnel must be alerted to the possibility of uncovering unanticipated archaeological resources, see page 8 of this guide. Sometimes additional information, including the preparation of an archaeological resources report, is required prior to approval of your project.



ARCHAEOLOGICAL REVIEW PROCESS

Planning staff will determine the appropriate level of archaeological review utilizing the process described in the City's Master Environmental Assessment (MEA) [Guidelines for Archaeological Resources and Historic Structures and Sites](#) and summarized below.

STEP 1: STAFF SCREENS THE APPLICATION

When an application is submitted for a project located in an archaeological sensitivity zone, planning staff will screen the project using the Archaeological Resources Screening Tool on page 3. If an archaeological resources report is required for your project, you will be notified by your assigned planner during your application review.

STEP 2: SUBMIT AN ARCHAEOLOGICAL RESOURCES REPORT

The applicant will contact one of the city-qualified professional archaeological consultants listed in this guide who will prepare and submit the report to the city. The report must include the required contents and be in the format outlined in the [Guidelines](#). The report should be attached to the project's existing PLN record and NOT submitted as a new application. Note that all supporting documents, are accepted online via our [Accela Citizen Access Portal \(ACA\)](#).

STEP 3: ANALYST REVIEWS THE REPORT

The City Environmental Analyst will review the report and either accept it, accept it with conditions, or reject it. If the report is a full Phase 1, 2 or 3 the report will then be scheduled for review by the Historic Landmarks Commission.

STEP 4: HISTORIC LANDMARKS COMMISSION REVIEW

The Historic Landmarks Commission acts as an advisory review body for proposals that may have impacts on archaeological resources by reviewing and commenting on reports prepared by professional archaeological consultants and providing its comments to the Environmental Analyst. The Historic Landmarks Commission will review any Phase 1, 2 or 3 reports at a public hearing and will either accept it, accept it with conditions, or reject it.

STEP 5: ENVIRONMENTAL REVIEW IS COMPLETED

Your assigned planner, in consultation with the Environmental Analyst, will use the report and the recommendations of the Historic Landmarks Commission to complete environmental review for the proposed project. Any required conditions and recommended mitigation measures must be included on the final approval plans, and any plans submitted for building permit plan check.

STEP 6: SITE MONITORING CONTRACT

If site monitoring is required as a condition of approval:

- A copy of the contract with an archaeologist must be prepared, approved to form by the Environmental Analyst, and signed by all parties prior to issuance of the building permit.
- The applicant must submit a final report on the results of the archaeological monitoring to the Environmental Analyst within 180 days of completion of the monitoring and prior to the issuance of the Certificate of Occupancy (Final Inspection), whichever is earlier.



ARCHAEOLOGICAL RESOURCES SCREENING TOOL

Answer questions 1-5 of this screening tool to determine which type of archaeological report may be required for your project. Note: This tool is intended to supplement existing policies, it does not represent a complete list of requirements, nor does it grant or supersede any other City approvals.

SCREENING QUESTIONS

1. Is the site in an **archaeological sensitivity zone**? Yes No
If the answer is no, then no further archaeological review is required.
Tip! Look up the zones online through the City's mapping application, [MAPS](#).

2. If yes, will the project include any **ground disturbance**? Yes No
Tip! Include all excavation for footings, utility trenching, landscaping, Storm Water Management Program (SWMP), and street or infrastructure improvements.

3. If yes, is the depth of disturbance greater than **12 inches**, or area of disturbance greater than **500 square feet**? Yes No

4. Has there been prior landform modification to the same depth, in the same area? Yes No
Tip! If you believe that the project site has had extensive prior landform modification, submit appropriate documentation (old grading plans, building plans, subdivision improvements plan, etc.) and describe the disturbance in a separate letter.

5. Has a **prior Phase I Archaeological Resources Report** been conducted within the same project area, or adjacent project area within 50 feet, and yielded negative results? Yes No
Tip! Your assigned planner will check the "Archaeological Resources Reports Location Map" to see whether previous reports were completed within the same area.

WHICH TYPE OF REPORT MAY BE REQUIRED?

- A **Phase 1 Archaeological Resources Report** is required if **any ground disturbance** is proposed in the following archaeological sensitivity zones:
 - Prehistoric Sites & Watercourses
 - Spanish Colonial & Mexican (1782 - 1849)
 - Mission Complex & Waterworks (1786 - 1835)
- A **Letter Report Confirming No Archaeological Resources** is required if the depth of disturbance is greater than 12 inches, or area of disturbance is greater than 500 square feet in the following archaeological sensitivity zones:
 - Hispanic-American Transition Period (1848 - 1870)
 - American Period (1870 - 1900)
 - Early 20th Century (1900 - 1925)
- **Reports may be waived** if the Environmental Analyst can be reasonably assured that, based on the minimal area and depth of disturbance, prior landform modification, or the adjacency of previous archaeological surveys with negative results, archaeological resources are unlikely to be discovered.



ARCHAEOLOGICAL RESOURCES CONSULTANT LIST

The following list of City-qualified professional archaeological consultants has been compiled to assist applicants in carrying out Archaeological Resource Reports. For projects requiring monitoring of Native American sites, please use the separate Native American Monitors list, page 7.

AECOM

Craig Woodman, M.A., RPA
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
craig.woodman@aecom.com
(805) 280-6103

DR. ALAN GARFINKEL GOLD, RPA

Cultural Resources Management Consultant
2800 San Pablo Avenue
Bakersfield, CA 93306
avram1952@yahoo.com
(805) 312-2261

APPLIED EARTHWORKS, INC.

Barry Price, Colleen Hamilton, Keith Warren,
Ann Munns, Eric Nocerino, Karin Pitts-Olmedo,
Allison Jaqua, Joyce Gerber, Clay Lebow
515 E. Ocean Avenue, Suite G
Lompoc, CA 93436-6926
clebow@appliedearthworks.com
(805) 737-4119

COGSTONE RESOURCE MGMT, INC.

Sherri Gust, RPA
President and Principal Investigator
Lead Archeologist: Desiree Martinez
1518 West Taft Avenue
Orange, CA 92865
marketing@cogstone.com
(714) 974-8300

CONEJO ARCHAEOLOGICAL

Mary K. Maki
2321 Goldsmith Avenue
Thousand Oaks, CA 91360
mmaki1@verizon.net
(805) 494-4309

ESA (Environmental Science Associates)

A. JAQUA ARCHAEOLOGICAL CONSULTING

Allison Jaqua
1215 E. Gutierrez Street
Santa Barbara, CA 93103
ajaqua@cox.net
(805) 280-5560

ASPEN ENVIRONMENTAL GROUP

Lauren DeOliveira, Cultural Resources Specialist
600 West Broadway, Suite 250
Glendale, CA 91204
ideoliveira@chambersgroupinc.com
(213) 623-1859, ext. 7286

DUDEK

Heather McDaniel McDevitt, M.A., RPA
hmcDaniel@dudek.com
Micah J. Hale, Ph.D., RPA mhale@dudek.com
621 Chapala Street
Santa Barbara, CA 93101
(805) 308-8525

EBI CONSULTING

Don C. Perez, M.A., RPA
1925 Englewood Drive
Lemon Grove, CA 91945
dperez@ebiconsulting.com
(619) 727-0563

FAR WESTERN ANTHROPOLOGICAL RESEARCH GROUP, INC. (Prehistoric Archaeology)

Philip Kaijankoski, phil@farwestern.com
Patricia Mikkelsen, pat@farwestern.com
William Hildebrandt, billh@farwestern.com
2727 Del Rio Place, Suite A
Davis, CA 95618
(530) 756-3941

ICF INTERNATIONAL

Richard Starzak, Project Director

Monica Strauss, M.A., mstrauss@esassoc.com
Madeline Bray, M.A., mbray@esassoc.com
626 Wilshire Boulevard, Suite 1100
Los Angeles, CA 90017
(213) 599-4300

FOOTHILL RESOURCES, LTD.

Julia Garvin Costello (Historic Archaeology)
8331 Stevenson Street / P.O. Box 288
Mokelumne Hill, CA 95245
costello@foothill-resources.com
(209) 286-1182

LEFTWICH ARCHAEOLOGY

Brent Leftwich, Ph.D., R.P.A.
236 Palo Alto Drive
Goleta, CA 93117
brent@leftwicharchaeology.com
(805) 964-5529

LSA ASSOCIATES, INC.

Ivan Strudwick and Deborah McLean
20 Executive Park, Suite 200
Irvine, CA 92614
debbie.mclean@lsa-assoc.com
(949) 553-0666

MICHAEL E. MACKO, M.A., RPA

6052 Sierra Siena Road
Irvine, CA 92603
macko.archaeology@gmail.com
(949) 721-5733

ROBERT L. HOOVER, Ph.D.

(Specialist in Spanish/Mexican period)
ulrich1614@aol.com
1144 Buchon Street
San Luis Obispo, CA 93401
(805) 544-0176

STONE ARCHAEOLOGICAL CONSULTING

David Stone, M.A., RPA
27 West Constance Avenue
Santa Barbara, CA 93105
stonearcheo@yahoo.com
(805) 682-6768

SWCA ENVIRONMENTAL CONSULTANTS

John Dietler, Ph.D., RPA, Director of Cultural
Resources jdietler@swca.com

811 West 7th Street, Suite 800
Los Angeles, CA 90017
rstarzak@icfi.com
(213) 627-5376

IGNACIO REQUENA, B.S., M.S., R.P.A.

Astro Consultants
Santa Barbara, CA 93101
sb.astroconsultants@gmail.com
(805) 699-6431

MACFARLANE ARCHAEOLOGICAL CONSULTANTS

(MAC) Heather Macfarlane, B.A., M.A., RPA
7290 Marmota Street
Ventura, CA 93003-6845
h.macfarlane@roadrunner.com
Tel. (805) 659-2657; Fax (805) 650-1576

PROVENIENCE GROUP

Carole A. Denardo, M.A., RPA
1552 Refugio Road
Santa Ynez, CA 93460
cdenardo@proveniencegroup.com
Tel. (805) 350-3134; Fax (805) 688-1040

RINCON CONSULTANTS, INC.

Robert Ramirez, M.A, RPA; Christopher A. Duran, M.A.,
RPA; Laura Hoffman, M.A., RPA; Ken Victorino, RPA
info@rinconconsultants.com
180 North Ashwood Avenue
Ventura, CA 93003
(805) 644-4455

STRATA SCIENCE

Dr. Bryon Bass
P.O. Box 150
Los Olivos, CA 93441
stratascience@hushmail.com
(805) 455-2418

**WOOD ENVIRONMENT & INFRASTRUCTURE
SOLUTIONS, INC.**

David Stone, M.A., RPA, Senior Archaeologist
david.f.stone@woodplc.com
Scott David Sunell, Ph.D, RPA, Senior Archaeologist
Scott.Sunell@woodplc.com
104 W. Anapamu St., Suite 204A
Santa Barbara, CA 93101
(805) 962-0992

WOODMAN ARCHAEOLOGICAL CONSULTING

Craig Woodman, M.A., RPA

Chris Millington, M.A., RPA, Senior Archaeologist
cmillington@swca.com
150 South Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
(626) 240-0587

339 El Gaucho Road
Santa Barbara, CA 93111
woodmancommercial@gmail.com
(805) 280-6103 or (805) 967-6849

STANTEC CONSULTING SERVICES

Michelle C. Cross, M.A., RPA,
michelle.cross@stantec.com

Meagan Kersten, M.A.,
meagan.kersten@stantec.com

555 Capital Mall #650
Sacramento, CA 95814
(916) 669-5992

Advisory. Placement on this list of archaeological consultants does not imply endorsement or recommendation of these consultants by the City of Santa Barbara. It is the responsibility of the applicant to contract for services which will fulfill the City's report requirements. Costs for any reports are not determined by the city but are to be negotiated by the consulting archaeologist and the contracting applicant.

To be considered for placement on this list, please send a corporate vita or statement of qualifications which describes the academic credentials and Santa Barbara work experience of all principal investigators to: City Environmental Analyst, P. O. Box 1990 (630 Garden Street), Santa Barbara, CA 93102.

Native American Site Monitors. The following list has been assembled with the advice of Dr. John Johnson of the Santa Barbara Museum of Natural History and Dr. Michael Glassow of the University of California, Santa Barbara who are professional anthropological specialists in Santa Barbara archaeological and Chumash studies. This list is not meant to be exclusive and additional names may be added if qualifications are provided to the City Environmental Analyst that prove direct lineal descendancy from Barbareño Chumash.

Last Revised: Wednesday, May 4, 2022



NATIVE AMERICAN SITE MONITORS

If the site contains any Native American artifacts or human remains, a direct lineal descendant of the Barbareño Chumash must be present during any ground disturbing activity. The following list of Native American archeological site monitors has been compiled to assist applicants during site excavation.

Ben Arellanes

2313 Maricopa Highway
Ojai, CA 93023
(805)248-0773
Email: benarellanes@gmail.com

Sharon Ebel

212 Hillview Dr.
Goleta, CA 93117
(805)895-0008
Email: sharonebel@outlook.com

Frank Lemos

P.O. Box 90504
Santa Barbara, CA 93190
(805) 636-3895
Email: pkxen@cox.net

Stephen William Miller

189 Cartagena Street
Camarillo, CA 93010
(805) 484-2439

Carol Pulido

165 Mountain View Street
Oak View, CA 93022
(805) 649-4231

John Pulido

165 Mountain View Street
Oak View, CA 93022
(805) 649-4231

Gilbert Unzueta

571 Citation Way
Thousand Oaks, CA 91360
(805) 807-7179
Email: uhuffle@aol.com

Cynthia Varela

306 East Alamar Avenue
Santa Barbara, CA 93105

Ernestine De Soto

1311 Salinas Place, #5
Santa Barbara, CA 93103
(805) 636-3963
Email via Regina: reginaunzueta@gmail.com

Eleanor Fishburn

P.O. Box 5687
Ventura, CA 93005
(805) 701-3246
Onechumash60@yahoo.com

Jacob Malone

4764 Ashdale Street
Santa Barbara, CA 93110
(805)689-6684
Jake42094@live.com

Eddie Morello, Sr.

909 Cypress Street
Lompoc, CA 93436
(805) 291-2342; (805) 734-8441

Edward Pulido

165 Mountain View Street
Oak View, CA 93022
(805) 649-4231

Martin Pulido

165 Mountain View Street
Oak View, CA 93022
(805) 649-4231

Regina Unzueta

125 W. Carrillo Street, #11
Santa Barbara, CA 93101
(805) 324-3019
Email: reginaunzueta@gmail.com

LoryAnn Velez

5615 Carpinteria Avenue, Apt. 215
Carpinteria, CA 93013
(805) 252-1612
lavalez@pipeline.sbccc.edu



Alerting to the Possibility of Archaeological Discovery During Ground Disturbance

*The following language alerting to the possibility of archaeological discovery during ground disturbance is a standard condition for any project that involves ground disturbance in an area sensitive for subsurface archaeological resources. **The following language must be reproduced on the construction plans submitted for building permit plan check:***

Alerting to the Possibility of Archaeological Discovery During Ground Disturbance.

Prior to the start of any vegetation or paving removal, demolition, trenching or grading, contractors and construction personnel shall be alerted to the possibility of uncovering unanticipated subsurface archaeological features or artifacts associated with past human occupation of the parcel.

If such archaeological resources are encountered or suspected, work shall be halted immediately, the City Environmental Analyst shall be notified and an archaeologist from the most current City-Qualified Archaeological Resources Consultant List shall be retained by the applicant. The latter shall be employed to assess the nature, extent, and significance of any discoveries and to develop appropriate management recommendations for archaeological resource treatment which may include, but are not limited to, redirection of grading or excavation activities, consultation or monitoring with a Barbareño Chumash representative from the most current City-Qualified Native American Site Monitors List.

If a discovery consists of possible human remains, the Santa Barbara County Coroner shall be contacted immediately. If the Coroner determines that the remains are Native American, the Coroner shall contact the California Native American Heritage Commission. A Barbareño Chumash representative from the most current City-Qualified Native American Site Monitors List shall be retained to monitor all further subsurface disturbance around the find. Work in the area may only proceed after the Environmental Analyst grants authorization.

If a discovery consists of possible prehistoric or Native American artifacts or materials, a Barbareño Chumash representative from the most current Native American Site Monitors List shall be retained to monitor all further subsurface disturbance around the find. Work in the area may only proceed after the Environmental Analyst grants authorization.