



# 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](mailto: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

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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

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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

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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

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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

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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

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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.  
***ProTip!** Look up the zones online through the City's mapping application, [MAPS](#).*

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

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

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4. Has there been prior landform modification to the same depth, in the same area?  Yes  No  
***ProTip!** 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.*

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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  
***ProTip!** 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](mailto: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](mailto: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](mailto: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](mailto:marketing@cogstone.com)  
(714) 974-8300

## **CONEJO ARCHAEOLOGICAL**

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

## **A. JAQUA ARCHAEOLOGICAL CONSULTING**

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

## **ASPEN ENVIRONMENTAL GROUP**

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

## **DUDEK**

Heather McDaniel McDevitt, M.A., RPA  
[hmcdaniel@dudek.com](mailto:hmcdaniel@dudek.com)  
Micah J. Hale, Ph.D., RPA [mhale@dudek.com](mailto: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](mailto:dperez@ebiconsulting.com)  
(619) 727-0563

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

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

**ESA (Environmental Science Associates)**

Monica Strauss, M.A., [mstrauss@esassoc.com](mailto:mstrauss@esassoc.com)  
Madeline Bray, M.A., [mbray@esassoc.com](mailto: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](mailto: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](mailto: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](mailto: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](mailto:macko.archaeology@gmail.com)  
(949) 721-5733

**ROBERT L. HOOVER, Ph.D.**

(Specialist in Spanish/Mexican period)  
[ulrich1614@aol.com](mailto: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](mailto:stonearcheo@yahoo.com)  
(805) 682-6768

**ICF INTERNATIONAL**

Richard Starzak, Project Director  
811 West 7th Street, Suite 800  
Los Angeles, CA 90017  
[rstarzak@icfi.com](mailto:rstarzak@icfi.com)  
(213) 627-5376

**MACFARLANE ARCHAEOLOGICAL CONSULTANTS**

(MAC) Heather Macfarlane, B.A., M.A., RPA  
7290 Marmota Street  
Ventura, CA 93003-6845  
[h.macfarlane@roadrunner.com](mailto: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](mailto: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](mailto: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](mailto:stratascience@hushmail.com)  
(805) 455-2418

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

David Stone, M.A., RPA, Senior Archaeologist  
[david.f.stone@woodplc.com](mailto:david.f.stone@woodplc.com)  
Scott David Sunell, Ph.D, RPA, Senior Archaeologist  
[Scott.Sunell@woodplc.com](mailto: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  
339 El Gaucho Road  
Santa Barbara, CA 93111  
[woodmancommercial@gmail.com](mailto:woodmancommercial@gmail.com)  
(805) 280-6103 or (805) 967-6849

**SWCA ENVIRONMENTAL CONSULTANTS**

John Dietler, Ph.D., RPA, Director of Cultural Resources [jdietler@swca.com](mailto:jdietler@swca.com)  
Chris Millington, M.A., RPA, Senior Archaeologist [cmillington@swca.com](mailto:cmillington@swca.com)  
150 South Arroyo Parkway, 2nd Floor  
Pasadena, CA 91105  
(626) 240-0587

**STANTEC CONSULTING SERVICES**

Michelle C. Cross, M.A., RPA, [michelle.cross@stantec.com](mailto:michelle.cross@stantec.com)  
Meagan Kersten, M.A., [meagan.kersten@stantec.com](mailto:meagan.kersten@stantec.com)  
555 Capital Mall #650  
Sacramento, CA 95814  
(916) 669-5992

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**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.

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## 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](mailto:benarellanes@gmail.com)

### **Sharon Ebel**

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

### **Frank Lemos**

P.O. Box 90504  
Santa Barbara, CA 93190  
(805) 636-3895  
Email: [pkxen@cox.net](mailto: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](mailto: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](mailto:reginaunzueta@gmail.com)

### **Eleanor Fishburn**

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

### **Jacob Malone**

4764 Ashdale Street  
Santa Barbara, CA 93110  
(805)689-6684  
[Jake42094@live.com](mailto: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](mailto:reginaunzueta@gmail.com)

### **LoryAnn Velez**

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

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## **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.