APPENDIX 2
Cultural Resources Consultation
April 15, 2010

Sean Dexter
Condor Country
411 Perry St.
Martinez, CA 94553

Sent by Fax: 925-231-0571
Number of Pages: 2

Re: Proposed Project # 00104, Alameda County

Dear Mr. Dexter:

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 653-4038.

Sincerely,

Debbie Pilas-Treadway
Environmental Specialist III
Native American Contacts
Alameda County
April 14, 2010

Jakki Kehl
720 North 2nd Street
Patterson , CA 95363
jakki@bigvalley.net
(209) 892-1060

Muwekma Ohlone Indian Tribe of the SF Bay Area
Rosemary Cambra, Chairperson
PO Box 360791
Milpitas , CA 95036
muwekma@muwekma.org
408-434-1668
408-434-1673

Katherine Erolinda Perez
PO Box 717
Linden , CA 95236
(209) 887-3415

The Ohlone Indian Tribe
Andrew Galvan
PO Box 3152
Fremont , CA 94539
chochenyo@AOL.com
(510) 882-0527 - Cell
(510) 687-9393 - Fax

Amah/Mutsun Tribal Band
Irene Zwierlein, Chairperson
789 Canada Road
Woodside , CA 94062
amah_mutsun@yahoo.com
(650) 851-7747 - Home
(650) 851-7489 - Fax

Trina Marine Ruano Family
Ramona Garibay, Representative
16010 Halmar Lane
Lathrop , CA 95330
soaprootmo@msn.com
209-629-8619

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28
Hollister , CA 95024
ams@indian canyon.org
831-637-4238

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed project # 00104, Alameda County
March 31, 2010

Ms. Katherine Erolinda Perez
PO Box 717
Linden, CA 95236-0717

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Perez,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL’s Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.
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A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL’s consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

Sincerely,

Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
    Suite 1650, Oakland, CA 94607
March 31, 2010

Mr. Andrew Galvan
The Ohlone Indian Tribe
PO Box 3152
Fremont, CA 94539-0315

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Mr. Galvan:

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cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
    Suite 1650, Oakland, CA 94607
March 31, 2010

Representative Ramona Garibay
Trina Marine Ruano Family
16010 Halmar Lane
Lathrop, CA 95330-9757

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Representative Garibay:

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Enclosures: Project Area Maps (2)

cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street Suite 1650, Oakland, CA 94607
March 31, 2010

Ms. Jakki Kehl
720 N 2ND ST
Patterson, CA 95363-2154

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Kehl:

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Ms. Jakki Kehl  
March 31, 2010  
Page 2

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Condor Country Consulting, Inc.

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cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street, Suite 1650, Oakland, CA 94607
March 31, 2010

Ms. Ramona Garabay
Muwekma Ohlone Indian Tribe of the SF Bay Area
PO Box 360791
Milpitas, CA 95036

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Garabay,

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March 31, 2010

Chairperson Irene Zwierlein
Amah/Mutsun Tribal Band
789 Canada Rd
Woodside, CA 94062

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Chairperson Zwierlein:

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cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
    Suite 1650, Oakland, CA 94607
March 31, 2010

Chairperson Ann Marie Sayers
Indian Canyon Mutsun Band of Ohlone
PO Box 28
Hollister, CA 95024

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Chairperson Sayers:

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The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC’s high performance computing systems, (2) researchers from the LBNL’s Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley’s academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL’s consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

Sincerely,

Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street Suite 1650, Oakland, CA 94607
March 31, 2010

Ms. Jean Marie Feyling
AMAH/MUTSUN TRIBAL BAND
19350 Hunter Ct.
Redding, CA 96003-8638

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Feyling:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL’s Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

 Condor Country Consulting, Inc.
The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC’s high performance computing systems, (2) researchers from the LBNL’s Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley’s academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

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At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

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Thank you in advance for any assistance you can provide.

Sincerely,

Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street Suite 1650, Oakland, CA 94607
March 31, 2010

Ms. Judy Kennedy, Secretary
Berkeley Historical Society
PO Box 1190
Berkeley, CA 94701

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Kennedy:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

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The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.
The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC’s high performance computing systems, (2) researchers from the LBNL’s Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley’s academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

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Thank you in advance for any assistance you can provide.

Sincerely,

Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
    Suite 1650, Oakland, CA 94607
March 31, 2010

Ms. Analee Allen
Alameda County Historical Society
PMB 307
484 Lake Park Ave.
Oakland, CA 94610-2730

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Allen,: 

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL’s Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.
The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC’s high performance computing systems, (2) researchers from the LBNL’s Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley’s academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL’s consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

Sincerely,

Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures:  Project Area Maps (2)

cc:  Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
     Suite 1650, Oakland, CA 94607
Northwest Information Center Results for Richmond Field Station
Alternative Site
August 5, 2010

Sara Morton
Impact Sciences
555 12th Street, Suite 1650
Oakland, CA 94607

Re: Rapid response record search results for the proposed Alternative Site at the Richmond Field Station for the Computational Research and Theory Facility Project.

Dear Ms. Morton:

Per your request received by our office on August 3, 2010, a rapid response records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for Contra Costa County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures.

Review of this information indicates that there have been two cultural resource studies that include 100% of the Computational Research and Theory Facility project area; Holman 1989: S-11762, an archaeological field survey; and Holman 1989: S-11763, a building evaluation. This project area contains no recorded cultural resources. Local, state and federal inventories include no recorded buildings or structures within the proposed project area. In addition to these inventories, the NWIC base maps show no recorded buildings or structures.

At the time of Euroamerican contact the Native Americans that lived in the area were speakers of the Chochenyo language, part of the Costanoan language family (Levy 1978:485). There are several Native American resources in or adjacent to the proposed project area referenced in the ethnographic literature [the tribal territory of the Huchiun [also spelled Xuyucn] (Levy 1978: 485, Milliken 1995: 243), as well as several Shellmound Sites (Nelson 1909)].
Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of Contra Costa County have been found in areas marginal to the bayshore, and inland near intermittent and perennial watercourses. The Computational Research and Theory Facility project area contains alluvial terraces approximately 450 yards from the former bayshore (Nichols and Wright 1971). Given the similarity of one or more of these environmental factors and the ethnographic sensitivity of the area, there is a moderate to high potential of identifying unrecorded Native American resources in the proposed Computational Research and Theory Facility project area.

Review of historical literature and maps indicated the possibility of historic-period archaeological resources within the Computational Research and Theory Facility project area. The 1915 USGS San Francisco 15-minute topographic quadrangle depicts two to three buildings within the project area. With this in mind, there is a moderate potential of identifying unrecorded historic-period archaeological resources in the proposed Computational Research and Theory Facility project area.

The 1959 USGS Richmond 7.5-minute topographic quadrangle fails to depict any buildings or structures within the Computational Research and Theory Facility project area; therefore, there is a low possibility of identifying any buildings or structures 45 years or older within the project area.

RECOMMENDATIONS:

1) There is a moderate to high possibility of identifying Native American archaeological resources and a moderate possibility of identifying historic-period archaeological resources in the project area. Holman’s previous studies from 1989 included 100% of the project area. However, due to the passage of time since the previous surveys and the changes in archaeological theory and method since that time, we recommend a qualified archaeologist conduct further examination of the project area to identify cultural resources. Our usual recommendation would include archival research and a field examination. The proposed project area, however, has been highly developed and is presently covered with asphalt, buildings, or fill that obscures the visibility of original surface soils, which negates the feasibility of an adequate surface inspection. It is recommended that prior to ground disturbance, archival research be conducted to determine the appropriate locations for archaeological monitoring during removal of asphalt or concrete, fill, vegetation, or structures. Following the exposure of the original soils, it is recommended that a field inspection be conducted and a report containing “next-step” recommendations be provided. Please refer to the list of consultants who meet the Secretary of Interior’s Standards at http://www.chrisinfo.org.
2) If the area of potential effect contains buildings or structures that meet the minimum age requirement, we recommend that the agency responsible for Section 106 compliance consult with the Office of Historic Preservation regarding potential impacts to these buildings or structures.

Project Review and Compliance Unit
Office of Historic Preservation
P.O. Box 942896
Sacramento, CA 94296-0001
(916) 653-6624

3) Review for possible historic-period buildings or structures has included only those sources listed in the attached bibliography and should not be considered comprehensive.

4) If archaeological resources are encountered during construction, work should be temporarily halted in the vicinity of the discovered materials and workers should avoid altering the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. Project personnel should not collect cultural resources. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.

5) It is recommended that any identified cultural resources be recorded on DPR 523 historic resource recordation forms, available online from the Office of Historic Preservation's website: http://ohp.parks.ca.gov/default.asp?page_id=1069

Thank you for using our services. Please contact this office if you have any questions, (707) 664-0880.

Sincerely,

[Signature]
Jillian Guldenbrein
Researcher
LITERATURE REVIEWED

In addition to archaeological maps and site records on file at the Northwest Information Center of the Historical Resources Information System, the following literature was reviewed:

Bowman, J.N.

Contra Costa County Planning Department
1976 Preliminary Historic Resources Inventory, Contra Costa County, California. Prepared by Contra Costa County Planning Department, n.p.

General Land Office
1858 Survey Plat for Rancho San Pablo.


Holman, Miley Paul (Holman & Associates)
1989 Additional Research into Historic Structures on the Richmond Field Station Property, Richmond, Contra Costa County, California. NWC Report S-011763

1989 Archaeological Field Inspection of the Richmond Field Station, Richmond, Contra Costa County, California. NWC Report S-011762

Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, revised by William N. Abeloe

Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, William N. Abeloe, revised by Douglas E. Kyle

Kroeber, A.L.

Levy, Richard

Milliken, Randall


Welch, Lawrence E. 1977 *Soils Survey of Contra Costa County, California.* United States Department of Agriculture, Soil Conservation Service, in cooperation with the University of California Agricultural Experiment Station. n.p.

Williams, James C. 1997 *Energy and the Making of Modern California.* The University of Akron Press, Akron, OH.


**Note that the Office of Historic Preservation's *Historic Properties Directory* includes National Register, State Registered Landmarks, California Points of Historical Interest, and the California Register of Historical Resources as well as Certified Local Government surveys that have undergone Section 106 review.
August 9, 2010

Sara Morton
Impact Sciences
555 12th Street, Suite 1650
Oakland, CA 94607

Re: Rapid response record search results for the proposed Alternative Site for the Computational Research and Theory Facility Project at 6701 San Pablo Avenue, located on the boundary line of the Cities of Berkeley and Oakland, Alameda County, CA.

Dear Ms. Morton:

Per your request received by our office on August 6, 2010, a rapid response records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for Alameda County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures.

Review of this information indicates that there has been one cultural resource study that covers 100% of the Computational Research and Theory Facility Project area (Supernowicz 2006: S-32617), please note that this study only included an architectural evaluation. This project area contains no recorded archaeological resources; however, there is one recorded historic-period building, P-01-010862, the Marchant Building within the project area. The State Office of Historic Preservation’s Historic Properties Directory (HPD) indicated three recorded buildings within or adjacent to the proposed project area; 1125, 1165, & 1249 67th Street. These buildings have three different status codes; 5S2, meaning this individual property is eligible for Local Listing or designation; 6Z, meaning this building was found ineligible for the National Register (NR), California Register (CR), or Local Designation through survey evaluation; and 7R, meaning this building was identified in a reconnaissance level survey, but not evaluated. See enclosed HPD page.
At the time of Euroamerican contact the Native Americans that lived in the area were speakers of the Chochenyo language, part of the Costanoan language family (Levy 1978:485). There is one Native American resource in or adjacent to the proposed project area referenced in the ethnographic literature [the tribal territory of the Huchiun-Aguasto (Milliken 1995:243)].

Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of Alameda County have been found in areas marginal to the bayshore, and inland near intermittent and perennial watercourses. The Computational Research and Theory Facility Project area contains an alluvial plain less than ½ mile from the former bayshore boundary, and was formerly bisected by a creek (Nichols and Wright 1971, 1899 USGS San Francisco 15-minute topographic quadrangle map). Given the similarity of one or more of these environmental factors, there is a moderate potential of identifying unrecorded Native American resources in the proposed Computational Research and Theory Facility Project area.

Review of historical literature and maps indicated the possibility of historic-period archaeological resources within the Computational Research and Theory Facility Project area. The 1899 and 1915 USGS San Francisco 15-minute topographic quadrangle maps indicate two to three buildings within the project area, as well, as an adjacent portion of railroad. With this in mind, there is a moderate potential of identifying unrecorded historic-period archaeological resources in the proposed Computational Research and Theory Facility Project area.

The 1959 USGS Oakland West 7.5-minute topographic quadrangle depicts one building or structure within the Computational Research and Theory Facility Project area. This building/structure meets the Office of Historic Preservation’s minimum age standard that buildings, structures, and objects 45 years or older may be of historical value.

RECOMMENDATIONS:

1) There is a moderate possibility of identifying Native American archaeological resources and a moderate possibility of identifying historic-period archaeological resources in the project area. We recommend a qualified archaeologist conduct further archival and field study to identify cultural resources. Field study may include, but is not limited to, pedestrian survey, hand auger sampling, shovel test units, or geoarchaeological analyses as well as other common methods used to identify the presence of archaeological resources. Please refer to the list of consultants who meet the Secretary of Interior’s Standards at http://www.chrisinfo.org.
2) In addition to the recorded building was identified in the project area, P-01-010862, the Marchant Building, the area of potential effect contains three recorded buildings or structures and possible other unrecorded buildings/structures; therefore, it is recommended that the agency responsible for Section 106 compliance consult with the Office of Historic Preservation regarding potential impacts to these buildings/structures.

Project Review and Compliance Unit
Office of Historic Preservation
P.O. Box 942896
Sacramento, CA 94296-0001
(916) 653-6624

3) Review for possible historic-period buildings or structures has included only those sources listed in the attached bibliography and should not be considered comprehensive.

4) If archaeological resources are encountered during construction, work should be temporarily halted in the vicinity of the discovered materials and workers should avoid altering the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. Project personnel should not collect cultural resources. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.

5) It is recommended that any identified cultural resources be recorded on DPR 523 historic resource recordation forms, available online from the Office of Historic Preservation's website: http://ohp.parks.ca.gov/default.asp?page_id=1069

Thank you for using our services. Please contact this office if you have any questions, (707) 664-0880.

Sincerely,

Jillian E. Guldenbrein
Researcher
LITERATURE REVIEWED

In addition to archaeological maps and site records on file at the Historical Resources Information System, Northwest Information Center, the following literature was reviewed:

Bowman, J.N.

Cook, S.F.

General Land Office
1859 Survey Plat for Rancho San Antonio (V&D Peralta).


Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, revised by William N. Abeloe

Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, William N. Abeloe, revised by Douglas E. Kyle

Kroeber, A.L.

Levy, Richard

Milliken, Randall

Myers, William A. (editor)
1977 Historic Civil Engineering Landmarks of San Francisco and Northern California. Prepared by The History and Heritage Committee, San Francisco Section, American Society of Civil Engineers. Pacific Gas and Electric Company, San Francisco, CA.
Nelson, N.C.  

Nichols, Donald R., and Nancy A. Wright  

Sanborn Insurance Maps  
1889 Oakland. Sanborn Map Publishing Co. Oakland, CA (Hardcopy).

State of California Department of Parks and Recreation  

State of California Office of Historic Preservation **  

Supernowicz, Dana E. (Earth Touch, Inc.)  
2006 *Collocation ("CO") Submission Packet, FCC Form 621, Marchant Building, BA-12020A*. NWIC Report S-032617

Thompson & West  

Williams, James C.  
1997 *Energy and the Making of Modern California*. The University of Akron Press, Akron, OH.

Woodbridge, Sally B.  

Works Progress Administration  

**Note that the Office of Historic Preservation's *Historic Properties Directory* includes National Register, State Registered Landmarks, California Points of Historical Interest, and the California Register of Historical Resources as well as Certified Local Government surveys that have undergone Section 106 review.
Discussion Items

There are three recorded buildings at 1125, 1165, & 1249 67th Street. Jill could not identify exact locations of these buildings.

An architectural evaluation was conducted at the Marchant Building (Supernowicz 2006: S-32617). Based on this evaluation, the Marchant Building at 6701 San Pablo Avenue is a recorded historic-period building. Jill confirmed that the building was not included in the State Office of Historic Preservation’s Historic Properties Directory. Jill stated that the architectural evaluation found that the building could be designated as 3S.