



**CITY OF CHICO**  
**BIDWELL PARK AND PLAYGROUND COMMISSION (BPPC)**

Regular Meeting Agenda

July 29, 2013, 6:30 pm

Municipal Center - 421 Main Street, Council Chamber

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*Materials related to an item on this Agenda are available for public inspection in the Park Division Office at 965 Fir Street during normal business hours or online at <http://www.chico.ca.us/>.*

**1. REGULAR COMMISSION MEETING**

- 1.1. Call to Order
- 1.2. Roll Call
- 1.3. Special Recognition – Billy Robinson, Senior Park Maintenance Crew Member

**2. CONSENT AGENDA**

All matters listed under the Consent Agenda are to be considered routine and enacted by one motion.

- 2.1. Approval of Meeting Minutes

**Action:** Approve minutes of BPPC held on 05/28/13.

- 2.2. Permit Application for the Almond Bowl - 5k, ½ and Full Marathon in Lower, Middle and Upper.  
Chico Running Club requests a permit to host a run in Lower, Middle and Upper Park on 11/3/13. The Commission is considering the application because the group is requesting the use of trails in Bidwell Park that are not considered intensive use areas. **Recommendation:** *Approval of permit with conditions.*

- 2.3. Permit Application for the Love on the Rocks 5K/10K Run in Middle and Upper Park.  
Under the Sun Events requests a permit to host a run in Middle and Upper Park on 9/7/13. This innagural event is similar in nature to other Middle/Upper Park runs. The Commission is considering the application because the group is requesting the use of trails in Bidwell Park that are not considered intensive use areas. **Recommendation:** *Approval of permit with conditions.*

- 2.4. Permit Application for Shakespeare in the Park at Council Ring.

The Bidwell Theatre Company requests a permit to hold a Shakespeare in the Park event on two nights, Friday, August 2 and Saturday, August 3, 2013. This is the company's first time to host the production in the Park. The Commission is considering the application because it is a multi-day event. .

**Recommendation:** *Approval of permit with conditions.*

**ITEMS REMOVED FROM CONSENT** – if any

**3. NOTICED PUBLIC HEARINGS**

- 3.1 Advisory Review of Parcel Map 11-04 and Planned Development Permit 12-01 (Schreder)  
3 Summersky Commons; APN 018-060-029

This is an advisory review of a request to subdivide a 7.34 acre site located adjacent to Bidwell Park into two lots for single-family residential development. The northernmost 250 feet of the site adjacent to Bidwell Park will remain undeveloped, and no trees are proposed to be removed. This review is being conducted pursuant to the Bidwell Park Sphere of Influence policy. Final review of the project will be conducted by the Planning Commission at a future noticed meeting. The property is designated Very Low Density Residential and Primary Open Space on the General Plan Diagram and is located in the RS-2-PD-FD and OS-1-PD-FD zoning districts (Suburban Residential [2-acre minimum] and Primary Open Space with Planned Development and Foothill Development overlays). No environmental review is being conducted by the Commission at this time. **Recommendation:** *Staff recommends that the BPPC review the project and provide comments, which staff will then forward to the Planning Commission.*

4. **REGULAR AGENDA** – NONE

5. **BUSINESS FROM THE FLOOR**

Members of the public may address the Commission at this time on any matter not already listed on the agenda; comments are limited to three minutes. The Commission cannot take any action at this meeting on requests made under this section of the agenda.

6. **REPORTS**

Items provided for the Commission's information and discussion. No action can be taken on any of the items unless the Commission agrees to include them to a subsequent posted agenda.

- 6.1. Park and Natural Resources Manager's Report - Dan Efseaff, Park and Natural Resource Manager.

7. **ADJOURNMENT**

Adjourn to the next regular meeting on August 26, 2013 at 6:30 p.m. in the Council Chamber of the Chico Municipal Center building (421 Main Street, Chico, California).



Please contact the Park Division Office at (530) 896-7800 if you require an agenda in an alternative format or if you need to request a disability-related modification or accommodation. This request should be received at least three working days prior to the meeting.

**CITY OF CHICO**  
**BIDWELL PARK AND PLAYGROUND COMMISSION (BPPC)**  
Minutes of  
May 27, 2013 Regular Meeting

**1. REGULAR COMMISSION MEETING**

**1.1. Call to Order**

Chair Emmerich called the meeting to order at 6:30 pm.

**1.2. Roll Call**

**Commissioners present:**

Mary Brentwood  
Lisa Emmerich  
Mark Herrera  
Jim Moravec  
Richard Ober  
Drew Traulsen

**Commissioners absent:** Janine Rood

**Staff present:** Dan Efseaff (Park and Natural Resource Manager), Ruben Martinez (General Services Director), Denice Britton (Urban Forest Manager), and Lise Smith-Peters (Park Services Coordinator).

**1.3. Special Recognition of former Supervising Ranger Jessica Erdahl**

The BPPC gave recognition to Ranger Jessica Erdahl for her service to the City of Chico. Ranger Erdahl first worked as a crime scene specialist with the Police Department 2002-2006 and then as a Ranger with the Park Division from 2007 to 2013. She became Supervising Ranger in 2009. Ms. Erdahl has taken a position with US Army Corps of Engineers at Black Butte Lake.

**1.4. Special Presentation (video): Rules of Bidwell Park (a CSUC Project Management Class Project) – Mary Brentwood Commissioner**

Commissioner Brentwood and classmates produced a video about the rules of Bidwell Park for use by the Park Division and with other outreach efforts. The video was shown at the meeting.

**2. CONSENT AGENDA**

All matters listed under the Consent Agenda are to be considered routine and enacted by one motion.

**2.1. Approval of Meeting Minutes**

**Action:** Approve minutes of BPPC held on 04/29/13.

**2.2. Consideration of a Permit for the Annual “Frost or Fog” 5k, 1/4 Marathon and 10 Mile Race in Middle and Upper Park**

Under the Sun Events requests a permit to host a race that starts in Middle Park and extends into Upper Park on 01/25/14. Applicant has held similar events for the past nine years and anticipates approximately 500 people. In addition to the 5k and ¼ marathon, the applicant has also added a 10 mile race to the event.

**MOTION:** Approve consent agenda as submitted. **MADE BY:** Ober. **SECOND:** Brentwood. **AYES:** 6 (Brentwood, Emmerich, Herrera, Moravec, Ober and Traulsen). **NOES:** 0. **ABSENT:** Rood.

**ITEMS REMOVED FROM CONSENT – None**

**3. NOTICED PUBLIC HEARINGS - None**

**4. REGULAR AGENDA**

**4.1. Consideration of Park Related Community Organization Funding Requests - Artists Proposals.**

The City of Chico annually considers applications from non-profits for Community Organization Funding. Arts Project Coordinator Mary Gardner presented information on two art proposals that desire to use the Park for their projects. Both of the requests are for \$2,000. Commissioner Emmerich recommended that the Commission consider each of the projects separately.

According to Park and Natural Resource Manager Efsaaff, both projects offer opportunities for alternative interpretation of the Park. Artist Erin Wade's project "Invasive Nature, a mini-grant project inspired by the work of artist Andy Goldsworthy" will feature invasive weeds installed as a sculpture near the One Mile Recreation Area. Park staff expressed initial concern about the use of invasive weeds and wanted to ensure that seeds would not be spread nor the structure could serve as a fuel ladder to the higher tree canopy. Ms. Wade stated the sculpture would be installed for 2 weeks with the starting day being on the Bidwell Park Birthday Bash Day on July 20. Commissioners recommended that Ms. Wade work with the Park Division and Friends of Bidwell Park volunteer programs to learn more about the invasive plants. There was consensus that this project presented an opportunity to educate the public on the invasive weed problem in Bidwell Park.

Art Commissioner Todd Hall stated that Golden Gate Park in San Francisco had hosted two Andy Goldsworthy inspired projects with success.

**MOTION:** Accept Erin Wade's application for an art project in Bidwell Park as recommended by the Arts Commission. **MADE BY:** Herrera. **SECOND:** Ober. **AYES:** 6 (Brentwood, Emmerich, Herrera, Moravec, Ober and Traulsen). **NOES:** 0. **ABSENT:** Rood.

Hannah Hinchman's art project will be installed in the spring 2014 and will produce two trail guides for Lower Bidwell Park, one from a poet's perspective ("The Poet's Park") and one from an artist's point of view. ("The Sketcher's Park"). The guides will first be printed booklets distributed at the Chico Creek Nature Center and other outlets and will correspond with inexpensive markers as initial guidance points in the Park. The markers will be up March through October 2014. The GPS coordinates will be available online for the markers once they are removed. Chair Emmerich recommended that Park Watch be notified about the project so that they can provide information about it to park visitors.

**MOTION:** Accept Hannah Hinchman's application for an art project in Bidwell Park as recommended by the Arts Commission. **MADE BY:** Ober. **SECOND:** Traulsen. **AYES:** 6 (Brentwood, Emmerich, Herrera, Moravec, Ober and Traulsen). **NOES:** 0. **ABSENT:** Rood.

Commissioner Ober suggested that such art proposals that involve the Park and input from the Park Commission be brought first to the BPPC and staff for review and discussion prior to going to the Art Commission.



## **5. BUSINESS FROM THE FLOOR**

Members of the public may address the Commission at this time on any matter not already listed on the agenda; comments are limited to three minutes. The Commission cannot take any action at this meeting on requests made under this section of the agenda.

Commissioner Herrera stated that the Bidwell Park Master Management Plan (BPMMP) was scheduled to be reviewed every 5 years. Parks and Natural Resource Manager Efsaaff noted that the document states that the review states that the 5 year interval is an approximate time for the review and that with the Trails and Natural Resources Plans well underway, that the review process should take place after these documents are completed. The document has many items that are being pursued and is still a valid document to govern the Park.

Commissioner Moravec wished to reiterate that the Commission had denied the Obstacle Challenge based on the perceived impact to the Park and its users even though the discussion had included the "for profit" nature of the event.

## **6. REPORTS**

Items provided for the Commission's information and discussion. No action can be taken on any of the items unless the Commission agrees to include them to a subsequent posted agenda.

### **6.1. Tree Committee Report**

Commissioner Moravec recused himself from the meeting since his company had requested the pruning of trees under item 2.2 of the Tree Committee meeting. Committee Chair Ober gave a brief report as to the meeting and described the Committee's discussion of the need for guidelines that would help dictate when tree removal or pruning was in order to help with marketing visibility for business signs. The Committee also discussed the idea of public notification prior to street tree removals. Urban Forest Manager Britton said the item should be in the Urban Forest Management Plan for consideration as to its feasibility and if passed would require a change to the Chico Municipal Code 14.40.

### **6.2. Urban Forest Manager's Report**

Urban Forest Manager Britton stated that staff had prepared removal and replacement spreadsheets to make sure to keep up with the ratio of plantings to removals. Commissioner Ober inquired of the bulbing at Mom's Restaurant and at Celestinos for outside seating. Ms. Britton stated that while 1 street tree would be removed in this project area that it would be replaced with 2 street trees paid for by Mom's and Celestinos.

### **6.3. Park and Natural Resources Manager's**

Parks and Natural Resources Manager Efsaaff stated that over the Memorial Day weekend lifeguards had made their first save of the season of a young boy, who was at the pool with young friends. The appeal by the Bidwell Challenge applicant was upheld by the Council and the event will take place in August. Staff provided some conditions for the applicant, including the last wave start at noon. There will be a one hour delay for the Lower Park gates opening. The City's budget will be discussed and decided on at a day time Council meeting on June 18. The Park staff will revisit the fee revisions with the Policy Advisory Committee and utilize Council direction from the budget talks. Plans for the Birthday Bash are in progress and it will take place on July 20. The volunteer hour report will be completed on a quarterly basis. Park staff provided a volunteer recognition on May 10 and Susan Mason was named "Volunteer of the Decade." National Trails Day will be held on Saturday, June 1.

Director of Public Works Ruben Martinez stated that there is a \$4.8 million general fund deficit, which translates into a 10% reduction, with major impacts to the City's daily operations. With fewer staff, operations will be cut by about ½ of where it is currently. Parks has been asked to reduce its budget by \$500,000.

Commissioners Emerich asked whether the lifeguard program would be continued at its current level and that there will be major safety issues with out it. Commissioner Ober that doing away with the Street Tree crew will have an effect on the general health of the Urban Forest. Commissioner Brentwood inquired whether there will be public education efforts so that visitors understand the changes to services. Director Martinez said that the budget discussions will focus on trying to move ahead despite reductions and takes into consideration changes for the long term.

Commissioner Herrera stated that the acquisition fees for expanding creekside greenways need to be kept for that purpose. Commissioner Emmerich asked about the progress on the Bidwell Bowl Amphitheatre and Parks and Natural Resource Manager Efseaff said that the project is on hold until the student provides more information.

Meeting adjourned at 8:22 to the June 24<sup>th</sup> meeting.

Date Approved:    /    /   .  
Prepared By:

\_\_\_\_\_  
Lise Smith-Peters, Park Services Coordinator

\_\_\_\_\_  
Date

Distribution: BPPC



DATE: July 23, 2013  
TO: Bidwell Park and Playground Commission (BPPC)  
FROM: Lise Smith-Peters, Park Services Coordinator  
SUBJECT: Permit Application for the Almond Bowl - 5k, ½ and Full Marathon in Lower, Middle and Upper Park

## Recommendation

Staff recommends approval of the permit with conditions.

## Report in Brief

The Chico Running Club requests a permit to host a race that starts in Lower Park and extends into Middle and Upper Park on November 03, 2013. Applicant has held similar events for the past 38 years and anticipates approximately 1200 people.

Past permits require adherence to park rules and the applicant must also provide sufficient monitoring to keep racers on the established route as well as direct traffic where the route is on the paved road. The paved Upper Park road will not be closed to other uses. The applicant has also requested that the gate at parking area E, which is normally closed on Sundays, be opened to participants, but remain closed to vehicle traffic. Monitors will need to be in place to restrict vehicle traffic, while allowing participants through. Additionally, South Park Drive at One Mile will remain closed to vehicle traffic until 4 pm. Reservation permit holders that may be impacted will be notified of the closure and accommodations made if necessary.

Adequate signage must also be in place in order to ensure racers follow the established routes and also to notify other park users of the event. Much of the route is along paths, trails or the road that can accommodate use during wetter conditions. The applicant will need to do a final inspection of the race courses at the conclusion of the event and remove all signs and course markings as well as pick up any associated garbage. In the event that the Middle and Upper Park paths, trails or road are closed due to unsafe conditions, the race course will need to be altered accordingly.

This application requires BPPC consideration as the group is requesting the use of non-intensive use areas in Middle and Upper Park.

While running/walking is a permissible use under the Bidwell Park Master Management Plan (BPMMP), there is the potential that a large event could become incompatible with wilderness activities. The numbers under this application are consistent with last year's event. Staff did not observe any damage or safety concerns and has not fielded any citizen complaints associated with this event. Staff recommends that the applicant cap the number of applicants to that of previous years -- 1200. The plan also notes that Middle and Upper Park are protected areas for primarily non-intensive recreational uses (O.Middle-1; O. Upper-2; O. Upper-4).

## Distribution:

Jessica Freitas, Chico Running Club

## Attachments:

Application and permit for a 5k, ½ and Full Marathon in Lower, Middle and Upper Park



# City of Chico

## APPLICATION & PERMIT FOR PARK USE

General Services Department - Park Division  
965 Fir Street/P.O. Box 3420  
Chico, CA 95927-3420  
(530) 896-7800 Fax: (530) 895-4731

**Type of Event:**

**PUBLIC** [X] **PRIVATE** [ ]

### SECTION 1 - APPLICANT INFORMATION

Must be 18 or older • No glass beverage containers • Application fee due upon submittal •

**THIS RESERVATION IS NOT VALID UNTIL APPROVED BY THE PARK DIVISION.**

PLEASE PRINT:

Name of Applicant/Contact Person: Jessica Freitas

Description of Event: (family BBQ, walk/run, describe below if needed) Almond Bowl - 5K, Half: Full Marathon

Organization Name (if applicable): Chico Running Club

Day and Date of Event: Sunday, November 3, 2013

Home, Organization, or Company Address: [Redacted]

From: 6 am To: 5 pm  
Total Time Needed for Set-up, Event, and Clean-up

Contact Phone # [Redacted] Alternate Phone # [Redacted]

From: 8 am To: 4 pm 1200  
Time of Event Only Number of people

E-mail address: [Redacted]

Note: Park gates will not remain closed beyond normal opening time for any event with less than 1,000 people. All races with less than 1,000 people at One Mile must start before 8:30 am. Street closure(s) subject to approval.

#### AREA REQUESTED: (Please check if requested)

- Bidwell Bowl Amphitheater
  - Electricity (15 amp)
- Note: Special conditions apply for amplified sound (12R.08.263 CMC)**
- Cedar Grove Picnic Area  Meadow
  - Electricity (15 amp)  100 amp Electrical Service tables, restroom area (circle)  Water (public events only)
- Children's Playground
  - Electricity (15 amp)-Pick up key on: \_\_\_\_\_ between 8:00 AM-4:30 PM
  - Water (public events only)  100 amp Electrical Service
- City Plaza (Additional fees may apply)
  - Electricity (15 amp)  100 amp Electrical Service
  - Event Restrooms  Water (public events only)
  - Fountain - On  Fountain - Off
  - Meter Bags # \_\_\_\_\_  Sound Curtain

- Council Ring
  - Fire Permit
- Five Mile Picnic Area
- One Mile Picnic/Barbeque Area - Water available, no hose bib
  - Oak Grove A  Oak Grove B
  - Sycamore Way Parking Lot Closure-Public Events ONLY
  - Electricity (15 amp) tables, trees, parking area, restroom area
  - Band Stand (15 amp) (circle above)
  - BBQ-Pick up key on: \_\_\_\_\_ between 8:00 AM - 4:30 PM
- Depot Park
  - Electricity (15 amp)
- Lower Bidwell Park (public events only): \_\_\_\_\_
- Upper Bidwell Park (public events only): \_\_\_\_\_
- Other (specify) (public events only): \_\_\_\_\_
- Early Entrance Needed (public events only)  Yes  No

Additional Description of the Event: 39th Annual 5K, Half and Full Marathon

**FOR PARK RANGER ASSISTANCE during the event, CALL 530-897-4900 (Police Department Dispatch)**

### SECTION 2 - PERMIT FEES

Call Park Office at 896-7800 for availability of park areas and fee schedule 80.020

- Application Fee \$ 18.50 (Non-Refundable)
- Reservation Fee \$ 581.00 (\$10.50 minimum, please call for quote)
- Insurance Fee \$ 39.00 (\$39.00 to process outside insurance)
- Vendor Fee # 5 \$ 27.50 (\$5.50 per vendor)
- Damage Deposit \$ 100.00 (\$100.00 refundable following acceptable clean-up after event)
- Early Entrance Fee \$ 31.50 (\$31.50/hr, public events only)
- Additional Park Use Fees \$ \_\_\_\_\_ (see fee schedule)

**Additional fees for City Plaza use:**

Event Restrooms \_\_\_\_\_ x (\$92.00) = \$ \_\_\_\_\_ #days

100 amp Electrical \_\_\_\_\_ x (\$29.00) = \$ \_\_\_\_\_ (electrician required) #days

Total Fee Required: \$ 707.50

Fee due upon submittal of application \* Make Checks Payable to: City of Chico

City of Chico Cash Receipt No CR368649 Payment Method: CK 213 Date: 7/3/13 Received By: JR

Office Distribution:	Permit File (original) Park Field Supervisor	Park Ranger 1 Park Ranger 2	Senior Park Ranger Landscape Inspector.	Applicant Risk Management (e-mail)	Email(various) 920 Fund
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# EVENT INFORMATION

Please answer the following questions by circling "Yes" or "No"

Is this an annual event? How many years have you been holding this event? <u>38 years</u>	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Is there a patron admission, entry, or participant fee(s) required for your event?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will there be amplified sound/music at event? (Please see 'Conditions For Park Use') Specify type (microphone, band, radio, PA system etc): <u>DJ - announcements</u>	<input checked="" type="radio"/> Yes	<input type="radio"/> No
When will amplified sound/music be heard? Time from: <u>8am</u> until: <u>4pm</u> amps needed (15 or 100) <u>15</u> Note: 100 amp electrical service requires a certified electrician to operate.		
Will there be any entertainment apparatus? (Operator to provide proof of insurance) [ ] Bounce house [ ] Climbing wall [ ] Ropes Course [ ] Other: _____ Name of Operator: _____	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Will there be any vendors at this event? (No glass or alcohol permitted) If "yes" please note the number of vendors anticipated: <u>5</u> (submit a, separate, complete list) <u>TBD</u> Does your event include food concession and/or preparation areas? If yes, please describe how food will be served and/or prepared: _____	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will event require that any part of the Park remain closed beyond the normal time of opening? Note: Park gates will not remain closed beyond normal opening time for any event with less than 1,000 people. All races with less than 1,000 people at One Mile must start before 8:30am. (Subject to approval by the General Services Department Director and/or Senior Park Ranger.) If "yes" please state which gate(s): _____ Time of closure from: _____ until: _____	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will there be early entrance into the Park for setup? If "yes" when will monitors be at their position(s)? Time from: <u>6am</u> until: <u>8am</u> Note: Gate Monitors are required at the entrances and exits for early Park entrance. An additional fee may be charged for early entrance	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will event require over night camping for security purposes? (authorized for a maximum of two people, 12R.04.340 CMC) If "yes" how many security personnel will be required?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Portable Restrooms: You are required to provide portable restroom for events with 200+ participants at your event, in the immediate area of the event site which will be available to the public during your event. Restroom Company <u>Johnny on the Spot</u> Phone Number <u>(530) 893-5687</u> Location of portable restrooms <u>dirt parking lot at Woodland Ave. entrance</u> Note: Restrooms shall be removed within 24 hrs after conclusion of event.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sanitation and Recycling: As an event organizer, you must properly dispose of waste and garbage throughout the term of your event and immediately upon conclusion of the event the area must be returned to a clean condition. For events with 200+ participants, additional trash and recycling cans are required. Number of Trash Cans <u>5</u> Number of Recycling Containers <u>5</u> Sanitation Company <u>Recology</u> Phone Number <u>(530) 533-4783</u> Note: Sanitation containers shall be removed within 24 hrs after conclusion of event.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will your event include the use of any signs, banners or decorations? (Please see 'Conditions For Park Use') If yes, please describe type and location: <u>Food Area, Start, Finish lines, mile markers along course</u> Note: All signs and banners shall be free standing and not affixed to Park property.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will water be needed during your event? Please provide your own hose and on/off switch. No hose bib is available at One Mile Recreation Area. Note: Please request a water coupler key for City Plaza, Children's Playground, and Cedar Grove.	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Do you request irrigation to be turned off before and during your event?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
<b>CITY PLAZA ONLY:</b> Vehicles are not allowed in City Plaza. Loading and unloading must occur from the streets. Meter bags for unloading and loading <u>only</u> may be obtained from the City by calling (530) 896-7800.		
Will vendors be placed on the perimeter sidewalks? If yes, a Vend, Peddle, Hawk permit must be obtained from the Engineering Division at 411 Main St, Chico, (530) 879-6900.	<input type="radio"/> Yes	<input type="radio"/> No
Will City street closure(s) be needed? A separate permit must be obtained from the Engineering Division at 411 Main Street, Chico, (530) 879-6900.	<input type="radio"/> Yes	<input type="radio"/> No



**SECTION 4 – INSURANCE**

(to be determined by Park Office)

**INSURANCE REQUIREMENTS ARE APPLICABLE TO:**

Insurance Required       Not Required

- (1) All Public Events per Title 12R.08.240, and/or
- (2) All Events Public or Private where:
  - (a) Amplified sound is used,      or      (b) The number of people participating amount to 100 or more.

If insurance is required for your event, please contact the Risk Management office at 530-879-7910, by fax at 530-895-4733, or email at [riskmanagement@ci.chico.ca.us](mailto:riskmanagement@ci.chico.ca.us). Insurance may also be purchased through the City.

If insurance is required, Certificate of Insurance, meeting City standards must be received by: \_\_\_\_\_

Organization Named on Certificate of Insurance \_\_\_\_\_

Permittee shall supply, at least two (2) weeks in advance of the scheduled event, a Certificate of Insurance issued by a company licensed to do business in California with a Best's Insurance Guide rating of "B" or better ("A" rated if Company is unlicensed) which provides evidence of comprehensive and general liability coverage in the amount of \$1,000,000 combined single limit, with policy endorsements as follows:

- (1) Identification of permit applicant, identification of event, date of event.

**NOTE: NUMBERS 2 AND 3 MUST BE SEPARATE ENDORSEMENTS:**

- (2) The City of Chico, its officers, boards and commissions, and members thereof, its employees and agents are covered as additional insureds as respects to any liability arising out of the activities of the named insured.
- (3) The insurance coverages afforded by this policy shall be primary insurance as respects to the City of Chico, its officers, employees, or agents. Any insurance or self-insurance maintained by the City of Chico, its officers, employees, or agents shall be in excess of the insurance afforded to the named insured by this policy and shall not contribute to it.
- (4) An unqualified statement that "The insurer will provide the City at least ten (10) days prior notice of cancellation or material change in coverage", standard Certificate of Insurance cancellation language is not acceptable

Please Note: Your reservation may be cancelled if the insurance is not approved at least two weeks prior to the scheduled event

**SECTION 5 - ACCEPTANCE OF CONDITIONS**

In signing this Permit, I agree to indemnify and hold the City of Chico and/or the Bidwell Park and Playground Commission free and clear of all claims of damage for injury to persons or property occurring in, upon or about Bidwell Park, and arising from my use of the park as noted above, and to defend any action against the City of Chico resulting from any such claim, without cost to the City.

\*I certify that I have read this application thoroughly, followed any and all instructions, understand its contents, will comply with the attached "Conditions for Park Use", will adhere to any additional conditions set forth by this permit, and supplied true and correct information herein to the best of my knowledge and belief.

X \_\_\_\_\_  
Signature of Applicant

X \_\_\_\_\_  
Date      6/25/13

**RETURN THIS FORM TO:**

City of Chico - Park Division  
965 Fir Street  
Chico, CA 95928

FAX 530-895-4731 or email to [Parkinfo@ci.chico.ca.us](mailto:Parkinfo@ci.chico.ca.us)

**THIS RESERVATION IS NOT VALID UNTIL APPROVED BY THE PARK DIVISION.**  
A copy of the approved application will be returned to you.

**SECTION 6 – GENERAL SERVICES DIRECTOR AUTHORIZATION**

I certify that I have carefully reviewed this application pursuant to Title 12 and 12R of the Chico Municipal Code and hereby recommend that this permit be:

- Approved.
- Approved subject to listed additional condition(s) \_\_\_\_\_

- Denied by the General Services Director. Reason: \_\_\_\_\_
- Application fee waived (12R.08.100 CMC). Reason: \_\_\_\_\_
- Reservation fee waived (12R.08.250 CMC). Reason: \_\_\_\_\_
- Vendor fee waived (12R.08.250 CMC). Reason: \_\_\_\_\_
- Insurance fee waived (12R.08.240 CMC). Reason: \_\_\_\_\_
- Damage deposit fee waived (12R.08.260 CMC). Reason: \_\_\_\_\_
- Application approved by the Bidwell Park & Playground Commission. Date: \_\_\_\_\_
- Application denied by the Bidwell Park & Playground Commission. Reason: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of General Services Director

\_\_\_\_\_  
Date



# SECTION 3

## CONDITIONS FOR PARK USE

### You Are Responsible for Knowing the Park Rules. Please Observe the Following:

- Alcohol** Alcohol is not permitted in any City Park or Playground.
- BBQ's** Portable BBQ's may only be used next to existing BBQ's in Lower Bidwell Park and Five Mile Recreation Areas.
- Bicycles** Must observe all California vehicular codes including one-way streets. Riders are expected to be courteous and yield to equestrian and pedestrian traffic. Helmets must be worn at all times in Upper Park, except when on pavement. Riders must stay on designated trails. Bicycle riding is not allowed in Caper Acres or on the Sycamore pool deck.
- Bounce Houses** Bounce houses and other similar play equipment are only permitted with a reservation and upon approval by the Park Division. The operators of this equipment must provide proof of insurance. Bounce houses are not allowed in Caper Acres.
- Campfires** No campfires allowed.
- Camping** No overnight camping allowed. Bidwell Park is a "day use park" only.
- Clean up** Permittee is required to completely clean up area at the conclusion of event. Additional garbage bags may be obtained from the General Services Department at time of reservation. (12R.04.180 CMC)
- Damages** Any damage to City property as a result of this event will be repaired at permittee's expense.
- Dogs** Dogs may be off leash from 5:30 AM until 8:30 AM in Lower Park -- All other times **dogs must be on a leash**. Along the north side of Upper Park Road, dogs may be "off leash" anytime. While "off leash," dogs must remain under control via master's voice. **Dogs are not allowed in Caper Acres, One-Mile or Five-Mile swimming areas, or designated swimming holes in Upper Park.**
- Electrical** All power extension cords, sound amplification equipment, and staging to be supplied by permittee. Permittee shall provide "tripping" prevention devices over power cords crossing any pathway.
- Fishing** **Big Chico Creek:** Check California Fish and Game Regulations, <http://www.dfg.ca.gov/regulations/>, Freshwater Sport Fishing, [Alphabetical List of Waters with Special Fishing Regulations](#), (20) Big Chico Creek.  
**Horseshoe Lake:** Age 14 and over - license, catch and release; Under 14 - no license, catch and keep.
- Gate Closures** Upper Park gate at parking area E is closed on Sundays and Mondays and during wet periods. Gates can be closed for approved special events. See [www.ci.chico.ca.us/general\\_services\\_department/park\\_division/gate\\_closing\\_hours.asp](http://www.ci.chico.ca.us/general_services_department/park_division/gate_closing_hours.asp)
- Glass** No glass beverage containers allowed in any City Park or Playground.
- Horses** Horses must stay on designated trails. Horses are not allowed in One-Mile or Five-Mile Recreation Areas. Horses must cross the creek at approved crossings. Safe and courteous riding is the Park standard.
- Noise** No loud or unusual noises are allowed, including: radios and headsets that can be heard over 50' away. Music/Amplified Sound at One-Mile Recreation Area, please, face all speakers away from Woodland Ave.
- Park Closures** Lower Park is closed from 12:00 am (midnight) until 5:00 am every day, unless directly and actively proceeding to a destination outside of the park. Upper Park is closed between the hours of 11:00 pm and 60 minutes before sunrise every day, unless posted otherwise.
- Signs/Defacing** Defacing of trees, benches, tables, any park fixtures, open ground, or paved roads/paths with markings, staples, tacks, or signs is prohibited. No pinatas, or accessories shall be affixed to trees. Only barricades, cones, or self standing devices may be used for these purposes.
- Smoking** No smoking in Upper Park from May 1st - November 1<sup>st</sup>. No smoking in City Plaza or Caper Acres any time.
- Swimming** While in the 1-Mile swim area compliance with lifeguards is required for public safety. Pool is open and lifeguards are on duty from Memorial Day through Labor Day.
- Vegetation** No taking, cutting or injury of any vegetation in the Park is allowed.
- Vehicle Traffic**
- While gates are closed, limited use of vehicles to set up for event is permitted. Vehicles must be in compliance with the one-way designation of the roadway, must yield to all other activities (walking, jogging, bicycling, and horseback riding), must travel with flashers on and may not exceed ten (10) miles per hour.
  - Permittee shall provide adequate signs and supervision to avoid conflicts between vehicles, bicycles, equestrians, and general public.
  - Only emergency vehicles will be allowed access through the area of South Park Drive which has been closed to motor vehicles.
  - No vehicles are permitted to travel or park on grass areas.

\*I have read and agree to conform to the above rules and conditions:

Signed: \_\_\_\_\_



**Almond Bowl Half Marathon and Marathon Route(s):**

The Almond Bowl half marathon and marathon routes utilize both lower and upper Bidwell Park. The courses begin on South Park Drive near the main gate. They continue north on South Park Drive and go under Manzanita into Upper Park/5-Mile parallel to Centennial Drive. Runners follow the green path to the levee and turn left onto the levee heading west. They turn right onto the Wildwood Road and continue along Wildwood Road and Upper Park Roads to the main road past Parking Lot E. Runners continue to approximately Day Camp and turn around. They will go through the Rod and Gun Club parking lot (with permission from the Rod and Gun Club) for an aid station/relay exchange. They will exit out of the Rod and Gun Club and head south on the bike path back toward Wildwood Road. Runners will follow the same route back to Manzanita as they did going out, go under the road and turn right on the pedestrian bridge to head down North Park Drive toward One Mile. The route continues along Vallombrosa Way (which we have requested to have closed through the City of Chico), behind the CARD building, around Mangrove Avenue and back into the park along South Park Drive to the finish line (between Sycamore Field and the picnic area). Half marathoners will do the loop once and marathoners will complete the loop twice.







DATE: July 19, 2013  
TO: Bidwell Park and Playground Commission (BPPC)  
FROM: Lise Smith-Peters, Park Services Coordinator  
SUBJECT: Permit Application for the Inaugural Love on the Rocks 5K/10K Run in Middle and Upper Park.

## Recommendation

Staff recommends approval of the permit with conditions.

## Report in Brief

Under the Sun Events requests a permit to host a race that starts in Middle Park (5 Mile Recreation Area) and extends into Upper Park on Saturday, September 7, 2013. Love on the Rocks 5k and 10k is an inaugural event. Applicant has held similar events for the past eight years and anticipates approximately 200 people.

This application requires BPPC consideration as the group is requesting the use of non-intensive use areas in Middle and Upper Park.

While running/walking is a permissible use under the Bidwell Park Master Management Plan (BPMMP), there is the potential that a large event could become incompatible with other activities. The numbers under this application are less than other comparable events. The plan also notes that Middle and Upper Park are protected areas for primarily non-intensive recreational uses (O.Middle-1; O. Upper-2; O. Upper-4).

Staff recommends the following conditions:

- Continued adherence to all park rules.
- The applicant must provide sufficient monitoring to keep racers on the established route as well as direct traffic where the route crosses Upper Park road. Adequate signage must also be in place in order to ensure racers follow the established routes and also to notify other park users of the event.
- Much of the route is along paths or trails that can accommodate use during wetter conditions (Middle Park trails south of Upper Park Rd to Five Mile Way and North Rim Trail). The applicant has agreed to move the route to paved paths and roads in the case of a wet weather closure of the trails. The revised course will be subject to Park Division approval.
- The applicant will need to do a final inspection of the race courses at the conclusion of the event and remove all signs and course markings as well as pick up any associated trash.

## Distribution:

Nikki Stadler

## Attachments:

Application and permit for a 5k and 10k Run in Middle and Upper Park





# City of Chico

## APPLICATION & PERMIT FOR PARK USE

General Services Department - Park Division  
965 Fir Street/P.O. Box 3420  
Chico, CA 95927-3420  
(530) 896-7800 Fax: (530) 895-4731

**Type of Event:**

**PUBLIC**  **PRIVATE**

### SECTION 1 - APPLICANT INFORMATION

Must be 18 or older • No glass beverage containers • Application fee due upon submittal •

**THIS RESERVATION IS NOT VALID UNTIL APPROVED BY THE PARK DIVISION.**

PLEASE PRINT:

Nikki Stadler  
Name of Applicant/Contact Person

Under the Sun Events  
Organization Name (if applicable)

[REDACTED]  
Home, Organization, or Company Address

[REDACTED]  
City, State, Zip

[REDACTED]  
Contact Phone #                      Alternate Phone #

#### AREA REQUESTED: (Please check if requested)

- Bidwell Bowl Amphitheater
- Electricity (15 amp)
- Note: Special conditions apply for amplified sound (12R.08.263 CMC)**
- Cedar Grove Picnic Area       Meadow
- Electricity (15 amp)               100 amp Electrical Service tables, restroom area (circle)       Water (public events only)
- Children's Playground
- Electricity (15 amp)-Pick up key on: \_\_\_\_\_ between 8:00 AM-4:30 PM
- Water (public events only)       100 amp Electrical Service
- City Plaza (Additional fees may apply)
- Electricity (15 amp)               100 amp Electrical Service
- Event Restrooms                   Water (public events only)
- Fountain - On                       Fountain - Off
- Meter Bags # \_\_\_\_\_       Sound Curtain

Additional Description of the Event: Love on the Rocks is a couples relay. We will also have a minister present for folks to renew vows or get

Love on the Rocks 5k/10k run  
Description of Event: (family BBQ, walk/run, describe below if needed)

Saturday, Sept 7, 2013  
Day and Date of Event:

From: 6am To: Noon  
Total Time Needed for Set-up, Event, and Clean-up

From: 8am To: 10am 200  
Time of Event Only                      Number of people

E-mail address [REDACTED]

Note: Park gates will not remain closed beyond normal opening time for any event with less than 1,000 people. All races with less than 1,000 people at One Mile must start before 8:30 am. Street closure(s) subject to approval.

- Council Ring
- Fire Permit
- Five Mile Picnic Area
- One Mile Picnic/Barbeque Area - Water available, no hose bib
- Oak Grove A                       Oak Grove B
- Sycamore Way Parking Lot Closure-Public Events ONLY
- Electricity (15 amp) tables, trees, parking area, restroom area
- Band Stand (15 amp) (circle above)
- BBQ-Pick up key on: \_\_\_\_\_ between 8:00 AM - 4:30 PM
- Depot Park
- Electricity (15 amp)
- Lower Bidwell Park (public events only): \_\_\_\_\_
- Upper Bidwell Park (public events only): \_\_\_\_\_
- Other (specify) (public events only): \_\_\_\_\_
- Early Entrance Needed (public events only)  Yes  No

**FOR PARK RANGER ASSISTANCE during the event, CALL 530-897-4900 (Police Department Dispatch) <sup>Marvin</sup>**

### SECTION 2 - PERMIT FEES

Call Park Office at 896-7800 for availability of park areas and fee schedule 80.020

- Application Fee                      \$ 18.50 (Non-Refundable)
- Reservation Fee                      \$ 87.50 (\$10.50 minimum, please call for quote)
- Insurance Fee                          \$ 39.00 (\$39.00 to process outside insurance)
- Vendor Fee # \_\_\_\_\_              \$ \_\_\_\_\_ (\$5.50 per vendor)
- Damage Deposit                      \$ 100.- (\$100.00 refundable following acceptable clean-up after event)
- Early Entrance Fee                    \$ 31.50 (\$31.50/hr, public events only)
- Additional Park Use Fees            \$ \_\_\_\_\_ (see fee schedule)

**Additional fees for City Plaza use:**

Event Restrooms \_\_\_\_\_ x (\$92.00) = \$ \_\_\_\_\_  
#days

100 amp Electrical \_\_\_\_\_ x (\$29.00) = \$ \_\_\_\_\_  
(electrician required) #days

Total Fee Required: \$ 276.50

Fee due upon submittal of application \*Make Checks Payable to: City of Chico

City of Chico Cash Receipt No. 02367836 Payment Method: CK2126 Date: 6/17/13 Received By: TR

Office Distribution:	Permit File (original) Park Field Supervisor	Park Ranger 1 Park Ranger 2	Senior Park Ranger Landscape Inspector.	Applicant Risk Management (e-mail)	Email(various) 920 Fund
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## SECTION 3

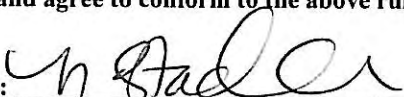
# CONDITIONS FOR PARK USE

**You Are Responsible for Knowing the Park Rules. Please Observe the Following:**

- Alcohol** Alcohol is not permitted in any City Park or Playground.
- BBQ's** Portable BBQ's may only be used next to existing BBQ's in Lower Bidwell Park and Five Mile Recreation Areas.
- Bicycles** Must observe all California vehicular codes including one-way streets. Riders are expected to be courteous and yield to equestrian and pedestrian traffic. Helmets must be worn at all times in Upper Park, except when on pavement. Riders must stay on designated trails. Bicycle riding is not allowed in Caper Acres or on the Sycamore pool deck.
- Bounce Houses** Bounce houses and other similar play equipment are only permitted with a reservation and upon approval by the Park Division. The operators of this equipment must provide proof of insurance. Bounce houses are not allowed in Caper Acres.
- Campfires** No campfires allowed.
- Camping** No overnight camping allowed. Bidwell Park is a "day use park" only.
- Clean up** Permittee is required to completely clean up area at the conclusion of event. Additional garbage bags may be obtained from the General Services Department at time of reservation. (12R.04.180 CMC)
- Damages** Any damage to City property as a result of this event will be repaired at permittee's expense.
- Dogs** Dogs may be off leash from 5:30 AM until 8:30 AM in Lower Park -- All other times **dogs must be on a leash**. Along the north side of Upper Park Road, dogs may be "off leash" anytime. While "off leash," dogs must remain under control via master's voice. **Dogs are not allowed in Caper Acres, One-Mile or Five-Mile swimming areas, or designated swimming holes in Upper Park.**
- Electrical** All power extension cords, sound amplification equipment, and staging to be supplied by permittee. Permittee shall provide "tripping" prevention devices over power cords crossing any pathway.
- Fishing** **Big Chico Creek:** Check California Fish and Game Regulations, <http://www.dfg.ca.gov/regulations/>, Freshwater Sport Fishing, [Alphabetical List of Waters with Special Fishing Regulations, \(20\) Big Chico Creek](#), **Horseshoe Lake:** Age 14 and over - license, catch and release; Under 14 - no license, catch and keep.
- Gate Closures** Upper Park gate at parking area E is closed on Sundays and Mondays and during wet periods. Gates can be closed for approved special events. See [www.ci.chico.ca.us/general\\_services\\_department/park\\_division/gate\\_closing\\_hours.asp](http://www.ci.chico.ca.us/general_services_department/park_division/gate_closing_hours.asp)
- Glass** No glass beverage containers allowed in any City Park or Playground.
- Horses** Horses must stay on designated trails. Horses are not allowed in One-Mile or Five-Mile Recreation Areas. Horses must cross the creek at approved crossings. Safe and courteous riding is the Park standard.
- Noise** No loud or unusual noises are allowed, including: radios and headsets that can be heard over 50' away. Music/Amplified Sound at One-Mile Recreation Area, please, face all speakers away from Woodland Ave.
- Park Closures** Lower Park is closed from 12:00 am (midnight) until 5:00 am every day, unless directly and actively proceeding to a destination outside of the park. Upper Park is closed between the hours of 11:00 pm and 60 minutes before sunrise every day, unless posted otherwise.
- Signs/Defacing** Defacing of trees, benches, tables, any park fixtures, open ground, or paved roads/paths with markings, staples, tacks, or signs is prohibited. No pinatas, or accessories shall be affixed to trees. Only barricades, cones, or self standing devices may be used for these purposes.
- Smoking** No smoking in Upper Park from May 1st - November 1<sup>st</sup>. No smoking in City Plaza or Caper Acres any time.
- Swimming** While in the 1-Mile swim area compliance with lifeguards is required for public safety. Pool is open and lifeguards are on duty from Memorial Day through Labor Day.
- Vegetation** No taking, cutting or injury of any vegetation in the Park is allowed.
- Vehicle Traffic**
- While gates are closed, limited use of vehicles to set up for event is permitted. Vehicles must be in compliance with the one-way designation of the roadway, must yield to all other activities (walking, jogging, bicycling, and horseback riding), must travel with flashers on and may not exceed ten (10) miles per hour.
  - Permittee shall provide adequate signs and supervision to avoid conflicts between vehicles, bicycles, equestrians, and general public.
  - Only emergency vehicles will be allowed access through the area of South Park Drive which has been closed to motor vehicles.
  - No vehicles are permitted to travel or park on grass areas.

**\*I have read and agree to conform to the above rules and conditions:**

Signed: \_\_\_\_\_





## SECTION 4 – INSURANCE

(to be determined by Park Office)

### INSURANCE REQUIREMENTS ARE APPLICABLE TO:

Insurance Required

Not Required

- (1) All Public Events per Title 12R.08.240, and/or  
(2) All Events Public or Private where:  
(a) Amplified sound is used, or (b) The number of people participating amount to 100 or more.

If insurance is required for your event, please contact the Risk Management office at 530-879-7910, by fax at 530-895-4733, or email at [riskmanagement@ci.chico.ca.us](mailto:riskmanagement@ci.chico.ca.us). Insurance may also be purchased through the City.

**If insurance is required, Certificate of Insurance**, meeting City standards must be received by: \_\_\_\_\_

Organization Named on Certificate of Insurance \_\_\_\_\_

Permittee shall supply, at least two (2) weeks in advance of the scheduled event, a Certificate of Insurance issued by a company licensed to do business in California with a Best's Insurance Guide rating of "B" or better ("A" rated if Company is unlicensed) which provides evidence of comprehensive and general liability coverage in the amount of \$1,000,000 combined single limit, with policy endorsements as follows:

- (1) Identification of permit applicant, identification of event, date of event.

#### **NOTE: NUMBERS 2 AND 3 MUST BE SEPARATE ENDORSEMENTS:**

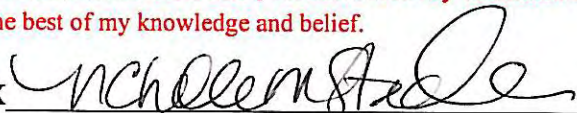
- (2) The City of Chico, its officers, boards and commissions, and members thereof, its employees and agents are covered as additional insureds as respects to any liability arising out of the activities of the named insured.  
(3) The insurance coverages afforded by this policy shall be primary insurance as respects to the City of Chico, its officers, employees, or agents. Any insurance or self-insurance maintained by the City of Chico, its officers, employees, or agents shall be in excess of the insurance afforded to the named insured by this policy and shall not contribute to it.  
(4) An unqualified statement that "The insurer will provide the City at least ten (10) days prior notice of cancellation or material change in coverage", standard Certificate of Insurance cancellation language is not acceptable

**Please Note: Your reservation may be cancelled if the insurance is not approved at least two weeks prior to the scheduled event**

## SECTION 5 - ACCEPTANCE OF CONDITIONS

In signing this Permit, I agree to indemnify and hold the City of Chico and/or the Bidwell Park and Playground Commission free and clear of all claims of damage for injury to persons or property occurring in, upon or about Bidwell Park, and arising from my use of the park as noted above, and to defend any action against the City of Chico resulting from any such claim, without cost to the City.

**\*I certify that I have read this application thoroughly, followed any and all instructions, understand its contents, will comply with the attached "Conditions for Park Use", will adhere to any additional conditions set forth by this permit, and supplied true and correct information herein to the best of my knowledge and belief.**

X 

Signature of Applicant

X 17 June 13

Date

### RETURN THIS FORM TO:

City of Chico - Park Division  
965 Fir Street  
Chico, CA 95928

FAX 530-895-4731 or email to [Parkinfo@ci.chico.ca.us](mailto:Parkinfo@ci.chico.ca.us)

**THIS RESERVATION IS NOT VALID UNTIL APPROVED BY THE PARK DIVISION.**

**A copy of the approved application will be returned to you.**

## SECTION 6 – GENERAL SERVICES DIRECTOR AUTHORIZATION

I certify that I have carefully reviewed this application pursuant to Title 12 and 12R of the Chico Municipal Code and hereby recommend that this permit be:

- Approved.  
 Approved subject to listed additional condition(s) \_\_\_\_\_

- Denied by the General Services Director. Reason: \_\_\_\_\_  
 Application fee waived (12R.08.100 CMC). Reason: \_\_\_\_\_  
 Reservation fee waived (12R.08.250 CMC). Reason: \_\_\_\_\_  
 Vendor fee waived (12R.08.250 CMC). Reason: \_\_\_\_\_  
 Insurance fee waived (12R.08.240 CMC). Reason: \_\_\_\_\_  
 Damage deposit fee waived (12R.08.260 CMC). Reason: \_\_\_\_\_  
 Application approved by the Bidwell Park & Playground Commission. Date: \_\_\_\_\_  
 Application denied by the Bidwell Park & Playground Commission. Reason: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of General Services Director

Date



# EVENT INFORMATION

Please answer the following questions by circling "Yes" or "No"

Is this an annual event? How many years have you been holding this event? _____	Yes	<input checked="" type="radio"/> No
Is there a patron admission, entry, or participant fee(s) required for your event?	<input checked="" type="radio"/> Yes	No
Will there be amplified sound/music at event? (Please see 'Conditions For Park Use') Specify type (microphone, band, radio, PA system etc): <u>PA system</u>	<input checked="" type="radio"/> Yes	No
When will amplified sound/music be heard? Time from: <u>7:30<sup>a</sup></u> until: <u>10:30<sup>a</sup></u> amps needed (15 or 100) _____ <i>Note: 100 amp electrical service requires a certified electrician to operate.</i>		
Will there be any entertainment apparatus? (Operator to provide proof of insurance) <input type="checkbox"/> Bounce house <input type="checkbox"/> Climbing wall <input type="checkbox"/> Ropes Course <input type="checkbox"/> Other: _____ Name of Operator: _____	Yes	<input checked="" type="radio"/> No
Will there be any vendors at this event? (No glass or alcohol permitted) If "yes" please note the number of vendors anticipated: _____ (submit a, separate, complete list) Does your event include food concession and/or preparation areas? If yes, please describe how food will be served and/or prepared: _____	Yes	<input checked="" type="radio"/> No
Will event require that any part of the Park remain closed beyond the normal time of opening? <i>Note: Park gates will not remain closed beyond normal opening time for any event with less than 1,000 people. All races with less than 1,000 people at One Mile must start before 8:30am.</i> (Subject to approval by the General Services Department Director and/or Senior Park Ranger.) If "yes" please state which gate(s): _____ Time of closure from: _____ until: _____	Yes	<input checked="" type="radio"/> No
Will there be early entrance into the Park for setup? If "yes" when will monitors be at their position(s)? Time from: <u>6am</u> until: <u>8am</u> <i>Note: Gate Monitors are required at the entrances and exits for early Park entrance. An additional fee may be charged for early entrance</i>	<input checked="" type="radio"/> Yes	No
Will event require over night camping for security purposes? (authorized for a maximum of two people, 12R.04.340 CMC) If "yes" how many security personnel will be required?	Yes	<input checked="" type="radio"/> No
<b>Portable Restrooms:</b> You are required to provide portable restroom for events with 200+ participants at your event, in the immediate area of the event site which will be available to the public during your event. Restroom Company _____ Phone Number _____ Location of portable restrooms _____ <i>Note: Restrooms shall be removed within 24 hrs after conclusion of event.</i>	Yes	No
<b>Sanitation and Recycling:</b> As an event organizer, you must properly dispose of waste and garbage throughout the term of your event and immediately upon conclusion of the event the area must be returned to a clean condition. <i>For events with 200+ participants, additional trash and recycling cans are required.</i> Number of Trash Cans _____ Number of Recycling Containers _____ Sanitation Company _____ Phone Number _____ <i>Note: Sanitation containers shall be removed within 24 hrs after conclusion of event.</i>	Yes	No
Will your event include the use of any signs, banners or decorations? (Please see 'Conditions For Park Use') If yes, please describe type and location: <u>mile markers, encouragement signs - both non-permanent</u> <i>Note: All signs and banners shall be free standing and not affixed to Park property.</i>	<input checked="" type="radio"/> Yes	No
Will water be needed during your event? Please provide your own hose and on/off switch. No hose bib is available at One Mile Recreation Area. <i>Note: Please request a water coupler key for City Plaza, Children's Playground, and Cedar Grove.</i>	Yes	<input checked="" type="radio"/> No
Do you request irrigation to be turned off before and during your event?	<input checked="" type="radio"/> Yes	No
<b>CITY PLAZA ONLY:</b> Vehicles are not allowed in City Plaza. Loading and unloading must occur from the streets. Meter bags for unloading and loading <u>only</u> may be obtained from the City by calling (530) 896-7800.		
Will vendors be placed on the perimeter sidewalks? If yes, a Vend, Peddle, Hawk permit must be obtained from the Engineering Division at 411 Main St, Chico, (530) 879-6900.	Yes	No
Will City street closure(s) be needed? A separate permit must be obtained from the Engineering Division at 411 Main Street, Chico, (530) 879-6900.	Yes	No



June 17, 2013

The City of Chico

attn.: Ranger Shane Romain

Re: Love on the Rocks 5K/10K Couples Relay Course Description

Dear Ranger Shane,

Thank you for visiting the proposed course site of the Inaugural Love on the Rocks 5K/10K Couples Relay run last week with me. I have attached the park map supplied by the City office but below is a more complete description of the course.

Love on the Rocks (LOTR) 5K/10K Couples Relay:

**5K:** The LOTR course begins at 5-Mile Recreation Area near the levee. Runners will run out the levee toward Wildwood Rd. (We would like to have the levee gate open so runners do not have to jump over the bar to get to the pedestrian bridge.) Runners will turn right onto the pedestrian bridge and continue on the Wildwood Trail (the trail parallel and closest to Wildwood Rd.) When the runners hit Parking Lot A they will cross Upper Park Rd. and continue onto Middle Trail toward the Easter Cross. 5K runners will continue up North Rim Trail and come down Blue Oak Trail. They will cross Upper Park Rd. at 5 Mile Way and finish the run by crossing the bridge at 5 Mile. (For reference...this is exactly how we finish the Frost or Fog course.)

**10K:** The 10K course is exactly the same as the 5K course except when 5K runners turn at Blue Oak Trail, 10K runners will continue up North Rim Trail for another 1.5 miles. They will turnaround (we will have signage) and continue down North Rim Trail and turn left onto Blue Oak Trail, cross Upper Park Rd. and continue on 5 Mile Way to the bridge back to 5 Mile Recreation Area.

Please do not hesitate to contact me at 530-966-3241 or [nikki@underthesunevents.org](mailto:nikki@underthesunevents.org) if you have any questions. Thank you! Nikki Stadler

### Trails of Upper Bidwell Park

- Parking
- ⚡ Powerlines
- ⊙ Swimming
- ⚡ Improved Roadway - Varying Types
- ⚡ Minor Trails

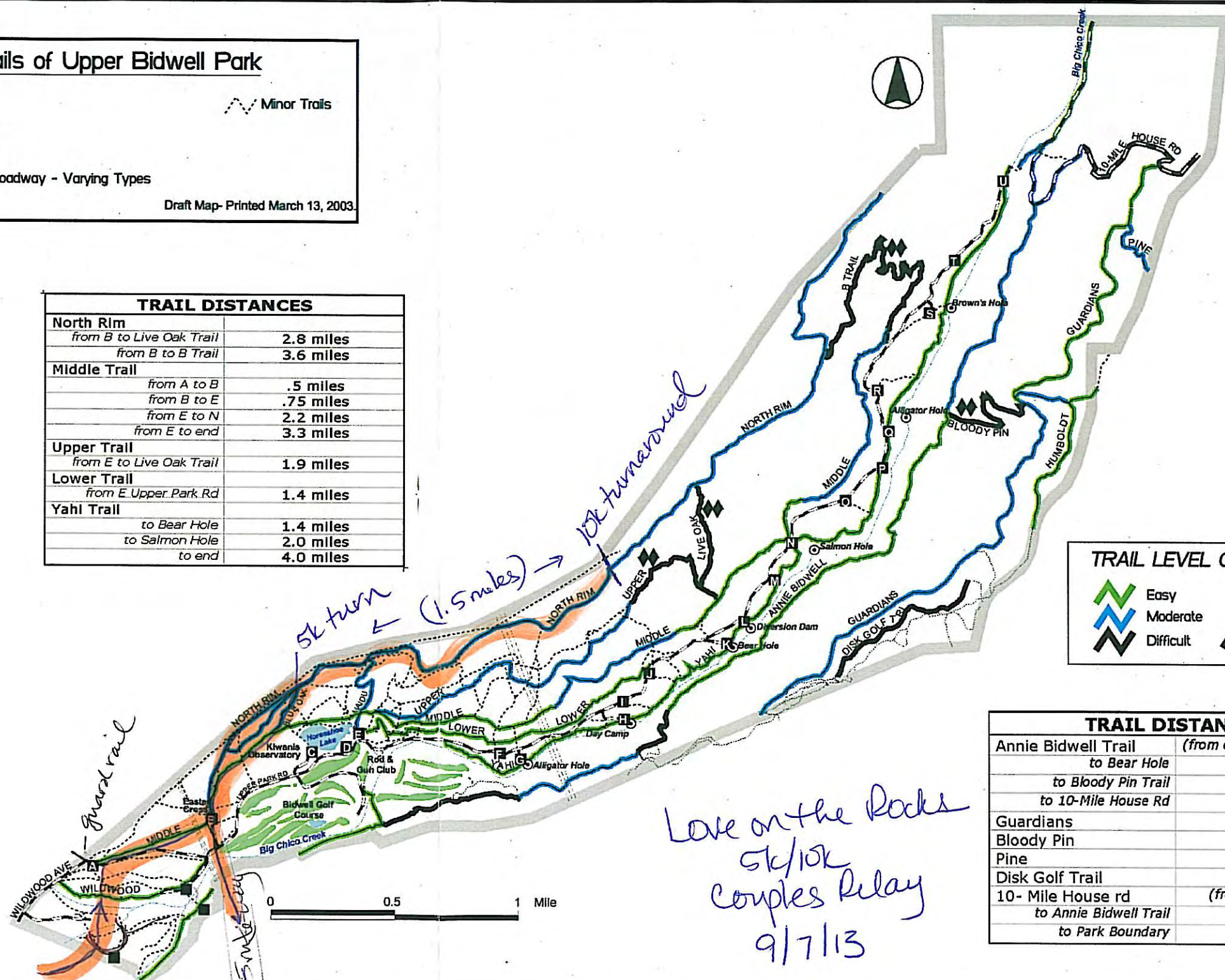
Draft Map- Printed March 13, 2003.

TRAIL DISTANCES	
<b>North Rim</b>	
from B to Live Oak Trail	2.8 miles
from B to B Trail	3.6 miles
<b>Middle Trail</b>	
from A to B	.5 miles
from B to E	.75 miles
from E to N	2.2 miles
from E to end	3.3 miles
<b>Upper Trail</b>	
from E to Live Oak Trail	1.9 miles
<b>Lower Trail</b>	
from E Upper Park Rd	1.4 miles
<b>Yahi Trail</b>	
to Bear Hole	1.4 miles
to Salmon Hole	2.0 miles
to end	4.0 miles

### TRAIL LEVEL OF DIFFICULTY

- ⚡ Easy
- ⚡ Moderate
- ⚡ Difficult
- ⚡ Most Difficult

TRAIL DISTANCES	
<b>Annie Bidwell Trail</b>	(from old pistol range)
to Bear Hole	2.2 miles
to Bloody Pin Trail	3.7 miles
to 10-Mile House Rd	4.7 miles
<b>Guardians</b>	3.4 miles
<b>Bloody Pin</b>	0.9 miles
<b>Pine</b>	0.3 miles
<b>Disk Golf Trail</b>	0.8 miles
<b>10- Mile House rd</b>	(from Highway 32)
to Annie Bidwell Trail	1.2 miles
to Park Boundary	2.0 miles



Love on the Rocks  
5k/10k  
Couples Relay  
9/7/13





DATE: July 19, 2013  
TO: Bidwell Park and Playground Commission (BPPC)  
FROM: Lise Smith-Peters, Park Services Coordinator  
SUBJECT: Permit Application for Shakespeare in the Park at Council Ring.

## Recommendation

Staff recommends approval of the permit with conditions.

## Report in Brief

Bidwell Theatre Company requests a permit to hold the Shakespeare play, "Timon of Athens" at the Council Ring at One Mile Recreation Area on Friday, August 2 and Saturday, August 3, 2013. Shakespeare in the Park has been a tradition in Bidwell Park and has been held at Cedar Grove meadow as well as at City Plaza in the past.

This is the applicants first time to hold the event and the first time for it to be located at Council Ring, an intensive use area. The event will use minimal props and staging. They will use a few tables. The applicant requests that the exit to the Park be held open until 10 pm to allow for event parking. The applicant states that they will not use amplified sound and that they may use a portable battery system to provide lighting for the event, but will not need a generator. The applicant notes that they will either sell tickets (\$10/person) or request donations at the "door".

This application requires BPPC consideration because it is a multiple day event and fees will be charged.

Staff recommends the following conditions:

- Continued adherence to all park rules.
- Allow the exit by Caper Acres to be kept open until 10 pm. As their may be additional patrol responsibilities associated with the request. The applicant will be charged an additional fee charged for staff to keep open the exit gate after hours and possibly escort them along the bike path to the Council Ring for set up and break down.
- No amplified sound or generators will be permitted.
- Applicant will honor requests for reasonable accommodation under the ADA (Americans with Disabilities Act).
- Applicant will be responsible for an additional Porta potty for the event, and will work with rangers on a convenient location that will not impact vegetation or block trails.
- No items, props, stage setting, etc. may be left in the Park between showings.
- The applicant will need to do a final inspection of the Council Ring at the conclusion of each performance (and the event) and remove signs and other items as well as pick up trash.

## Distribution:

Davis Carlson

## Attachments:

Application and permit.



# City of Chico

## APPLICATION & PERMIT FOR PARK USE

General Services Department - Park Division  
965 Fir Street/P.O. Box 3420  
Chico, CA 95927-3420  
(530) 896-7800 Fax: (530) 895-4731

Type of Event:  
**PUBLIC** [✓] PRIVATE [ ]

### SECTION 1 - APPLICANT INFORMATION

Must be 18 or older • No glass beverage containers • Application fee due upon submittal •

THIS RESERVATION IS NOT VALID UNTIL APPROVED BY THE PARK DIVISION.

PLEASE PRINT:

Davis Carlson  
Name of Applicant/Contact Person

Bidwell Theatre Company  
Organization Name (if applicable)

[REDACTED]  
Home, Organization, or Company Address

[REDACTED]  
City, State, Zip

[REDACTED] Contact Phone #      [REDACTED] Alternate Phone #

Shakespeare in The Park  
Description of Event: (family BBQ, walk/run, describe below if needed)

Friday Aug 2, 2013 - Saturday Aug 3  
Day and Date of Event:

From: 12:00 pm To: 10: pm  
Total Time Needed for Set-up, Event, and Clean-up

From: 6:30 To: 10:00 p.m. 75-100  
Time of Event Only      Number of people

E-mail address [REDACTED]

Note: Park gates will not remain closed beyond normal opening time for any event with less than 1,000 people. All races with less than 1,000 people at One Mile must start before 8:30 am. Street closure(s) subject to approval.

#### AREA REQUESTED: (Please check if requested)

- Bidwell Bowl Amphitheater
- Electricity (15 amp)
- Note: Special conditions apply for amplified sound (L2R.08.263 CMC)
- Cedar Grove Picnic Area       Meadow
- Electricity (15 amp)       100 amp Electrical Service tables, restroom area (circle)       Water (public events only)
- Children's Playground
- Electricity (15 amp)-Pick up key on: \_\_\_\_\_ between 8:00 AM-4:30 PM
- Water (public events only)       100 amp Electrical Service
- City Plaza (Additional fees may apply)
- Electricity (15 amp)       100 amp Electrical Service
- Event Restrooms       Water (public events only)
- Fountain - On       Fountain - Off
- Meter Bags # \_\_\_\_\_       Sound Curtain

- Council Ring
- Fire Permit
- Five Mile Picnic Area
- One Mile Picnic/Barbeque Area - Water available, no hose bib
- Oak Grove A       Oak Grove B
- Sycamore Way Parking Lot Closure-Public Events ONLY
- Electricity (15 amp) tables, trees, parking area, restroom area
- Band Stand (15 amp) (circle above)
- BBQ-Pick up key on: \_\_\_\_\_ between 8:00 AM - 4:30 PM
- Depot Park
- Electricity (15 amp)
- Lower Bidwell Park (public events only): \_\_\_\_\_
- Upper Bidwell Park (public events only): \_\_\_\_\_
- Other (specify) (public events only): \_\_\_\_\_
- Early Entrance Needed (public events only)      Yes      No

Additional Description of the Event: A public performance of William Shakespeare's play "Timon of Athens" for the City of Chico and its Community.

**FOR PARK RANGER ASSISTANCE during the event, CALL 530-897-4900 (Police Department Dispatch)**

### SECTION 2 - PERMIT FEES

Call Park Office at 896-7800 for availability of park areas and fee schedule 80.020

- Application Fee      \$ 18.50 (Non-Refundable)
- Reservation Fee      \$ 21.00 (\$10.50 minimum, please call for quote)
- Insurance Fee      \$ 39.00 (\$39.00 to process outside insurance)
- Vendor Fee # \_\_\_\_\_      \$ \_\_\_\_\_ (\$5.50 per vendor)
- Damage Deposit      \$ 100.00 (\$100.00 refundable following acceptable clean-up after event)
- Early Entrance Fee      \$ \_\_\_\_\_ (\$31.50/hr, public events only)
- Additional Park Use Fees      \$ \_\_\_\_\_ (see fee schedule)

**Additional fees for City Plaza use:**

Event Restrooms \_\_\_\_\_ x (\$92.00) = \$ \_\_\_\_\_ #days

100 amp Electrical \_\_\_\_\_ x (\$29.00) = \$ \_\_\_\_\_ (electrician required) #days

Total Fee Required: \$ 178.50

Fee due upon submittal of application \* Make Checks Payable to: City of Chico

City of Chico Cash Receipt No. CR 3678 48      Payment Method: CC 4181      Date: 6/17/13      Received By: LC

Office Distribution:	Permit File (original) Park Field Supervisor	Park Ranger 1 Park Ranger 2	Senior Park Ranger Landscape Inspector.	Applicant Risk Management (e-mail)	Email(various) 920 Fund
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**SECTION 4 - INSURANCE**

(to be determined by Park Office)

**INSURANCE REQUIREMENTS ARE APPLICABLE TO:**

Insurance Required  Not Required

- (1) All Public Events per Title 12R.08.240, and/or
- (2) All Events Public or Private where:
  - (a) Amplified sound is used, or
  - (b) The number of people participating amount to 100 or more.

If insurance is required for your event, please contact the Risk Management office at 530-879-7910, by fax at 530-895-4733, or email at [riskmanagement@ci.chico.ca.us](mailto:riskmanagement@ci.chico.ca.us). Insurance may also be purchased through the City.

If insurance is required, Certificate of Insurance, meeting City standards must be received by July 19, 2013

Organization Named on Certificate of Insurance \_\_\_\_\_

Permittee shall supply, at least two (2) weeks in advance of the scheduled event, a Certificate of Insurance issued by a company licensed to do business in California with a Best's Insurance Guide rating of "B" or better ("A" rated if Company is unlicensed) which provides evidence of comprehensive and general liability coverage in the amount of \$1,000,000 combined single limit, with policy endorsements as follows:

- (1) Identification of permit applicant, identification of event, date of event.

**NOTE: NUMBERS 2 AND 3 MUST BE SEPARATE ENDORSEMENTS:**

- (2) The City of Chico, its officers, boards and commissions, and members thereof, its employees and agents are covered as additional insureds as respects to any liability arising out of the activities of the named insured.
- (3) The insurance coverages afforded by this policy shall be primary insurance as respects to the City of Chico, its officers, employees, or agents. Any insurance or self-insurance maintained by the City of Chico, its officers, employees, or agents shall be in excess of the insurance afforded to the named insured by this policy and shall not contribute to it.
- (4) An unqualified statement that "The insurer will provide the City at least ten (10) days prior notice of cancellation or material change in coverage", standard Certificate of Insurance cancellation language is not acceptable

Please Note: Your reservation may be cancelled if the insurance is not approved at least two weeks prior to the scheduled event

**SECTION 5 - ACCEPTANCE OF CONDITIONS**

In signing this Permit, I agree to indemnify and hold the City of Chico and/or the Bidwell Park and Playground Commission free and clear of all claims of damage for injury to persons or property occurring in, upon or about Bidwell Park, and arising from my use of the park as noted above, and to defend any action against the City of Chico resulting from any such claim, without cost to the City.

\*I certify that I have read this application thoroughly, followed any and all instructions, understand its contents, will comply with the attached "Conditions for Park Use", will adhere to any additional conditions set forth by this permit, and supplied true and correct information herein to the best of my knowledge and belief.

X *Darin Costa*  
Signature of Applicant

X 6/14/2013  
Date

**RETURN THIS FORM TO:**

City of Chico - Park Division  
965 Fir Street  
Chico, CA 95928

FAX 530-895-4731 or email to [Parkinfo@ci.chico.ca.us](mailto:Parkinfo@ci.chico.ca.us)

**THIS RESERVATION IS NOT VALID UNTIL APPROVED BY THE PARK DIVISION.**  
A copy of the approved application will be returned to you.

**SECTION 6 - GENERAL SERVICES DIRECTOR AUTHORIZATION**

I certify that I have carefully reviewed this application pursuant to Title 12 and 12R of the Chico Municipal Code and hereby recommend that this permit be:

- Approved.
- Approved subject to listed additional condition(s) Additional Trash CANS or APPROPRIATE Pick OUT TRASH + 2 5 Gallon Buckets to collect water to extinguish fire.
- Denied by the General Services Director. Reason: \_\_\_\_\_
- Application fee waived (12R.08.100 CMC). Reason: \_\_\_\_\_
- Reservation fee waived (12R.08.250 CMC). Reason: \_\_\_\_\_
- Vendor fee waived (12R.08.250 CMC). Reason: \_\_\_\_\_
- Insurance fee waived (12R.08.240 CMC). Reason: \_\_\_\_\_
- Damage deposit fee waived (12R.08.260 CMC). Reason: \_\_\_\_\_
- Application approved by the Bidwell Park & Playground Commission. Date: \_\_\_\_\_
- Application denied by the Bidwell Park & Playground Commission. Reason: \_\_\_\_\_

Date: \_\_\_\_\_



## SECTION 3

## CONDITIONS FOR PARK USE

**You Are Responsible for Knowing the Park Rules. Please Observe the Following:**

- Alcohol** Alcohol is not permitted in any City Park or Playground.
- BBQ's** Portable BBQ's may only be used next to existing BBQ's in Lower Bidwell Park and Five Mile Recreation Areas.
- Bicycles** Must observe all California vehicular codes including one-way streets. Riders are expected to be courteous and yield to equestrian and pedestrian traffic. Helmets must be worn at all times in Upper Park, except when on pavement. Riders must stay on designated trails. Bicycle riding is not allowed in Caper Acres or on the Sycamore pool deck.
- Bounce Houses** Bounce houses and other similar play equipment are only permitted with a reservation and upon approval by the Park Division. The operators of this equipment must provide proof of insurance. Bounce houses are not allowed in Caper Acres.
- Campfires** No campfires allowed.
- Camping** No overnight camping allowed. Bidwell Park is a "day use park" only.
- Clean up** Permittee is required to completely clean up area at the conclusion of event. Additional garbage bags may be obtained from the General Services Department at time of reservation. (12R.04.180 CMC)
- Damages** Any damage to City property as a result of this event will be repaired at permittee's expense.
- Dogs** Dogs may be off leash from 5:30 AM until 8:30 AM in Lower Park -- All other times **dogs must be on a leash**. Along the north side of Upper Park Road, dogs may be "off leash" anytime. While "off leash," dogs must remain under control via master's voice. **Dogs are not allowed in Caper Acres, One-Mile or Five-Mile swimming areas, or designated swimming holes in Upper Park.**
- Electrical** All power extension cords, sound amplification equipment, and staging to be supplied by permittee. Permittee shall provide "tripping" prevention devices over power cords crossing any pathway.
- Fishing** **Big Chico Creek:** Check California Fish and Game Regulations, <http://www.dfg.ca.gov/regulations/>, Freshwater Sport Fishing, Alphabetical List of Waters with Special Fishing Regulations. (20) **Big Chico Creek.**  
**Horseshoe Lake:** Age 14 and over - license, catch and release; Under 14 - no license, catch and keep.
- Gate Closures** Upper Park gate at parking area E is closed on Sundays and Mondays and during wet periods. Gates can be closed for approved special events. See [www.ci.chico.ca.us/general\\_services\\_department/park\\_division/gate\\_closing\\_hours.asp](http://www.ci.chico.ca.us/general_services_department/park_division/gate_closing_hours.asp)
- Glass** No glass beverage containers allowed in any City Park or Playground.
- Horses** Horses must stay on designated trails. Horses are not allowed in One-Mile or Five-Mile Recreation Areas. Horses must cross the creek at approved crossings. Safe and courteous riding is the Park standard.
- Noise** No loud or unusual noises are allowed, including: radios and headsets that can be heard over 50' away. Music/Amplified Sound at One-Mile Recreation Area, please, face all speakers away from Woodland Ave.
- Park Closures** Lower Park is closed from 12:00 am (midnight) until 5:00 am every day, unless directly and actively proceeding to a destination outside of the park. Upper Park is closed between the hours of 11:00 pm and 60 minutes before sunrise every day, unless posted otherwise.
- Signs/Defacing** Defacing of trees, benches, tables, any park fixtures, open ground, or paved roads/paths with markings, staples, tacks, or signs is prohibited. No pinatas, or accessories shall be affixed to trees. Only barricades, cones, or self standing devices may be used for these purposes.
- Smoking** No smoking in Upper Park from May 1st - November 1<sup>st</sup>. No smoking in City Plaza or Caper Acres any time.
- Swimming** While in the 1-Mile swim area compliance with lifeguards is required for public safety. Pool is open and lifeguards are on duty from Memorial Day through Labor Day.
- Vegetation** No taking, cutting or injury of any vegetation in the Park is allowed.
- Vehicle Traffic**
- While gates are closed, limited use of vehicles to set up for event is permitted. Vehicles must be in compliance with the one-way designation of the roadway, must yield to all other activities (walking, jogging, bicycling, and horseback riding), must travel with flashers on and may not exceed ten (10) miles per hour.
  - Permittee shall provide adequate signs and supervision to avoid conflicts between vehicles, bicycles, equestrians, and general public.
  - Only emergency vehicles will be allowed access through the area of South Park Drive which has been closed to motor vehicles.
  - No vehicles are permitted to travel or park on grass areas.

\*I have read and agree to conform to the above rules and conditions:

Signed: Davis Carlson 6/14/2013

Davis Carlson 6/14/2013



# EVENT INFORMATION

Please answer the following questions by circling "Yes" or "No"

Is this an annual event? How many years have you been holding this event? <u>1</u>	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Is there a patron admission, entry, or participant fee(s) required for your event?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will there be amplified sound/music at event? (Please see "Conditions For Park Use") Specify type (microphone, band, radio, PA system etc): _____	<input type="radio"/> Yes	<input checked="" type="radio"/> No
When will amplified sound/music be heard? Time from: _____ until: _____ amps needed (15 or 100) _____ Note: 100 amp electrical service requires a certified electrician to operate.		
Will there be any entertainment apparatus? (Operator to provide proof of insurance) [ ] Bounce house [ ] Climbing wall [ ] Ropes Course [ ] Other: _____	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Name of Operator: _____		
Will there be any vendors at this event? (No glass or alcohol permitted) If "yes" please note the number of vendors anticipated: <u>6?</u> (submit a, separate, complete list) Does your event include food concession and/or preparation areas? If yes, please describe how food will be served and/or prepared: <u>Catering Company</u>	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will event require that any part of the Park remain closed beyond the normal time of opening? Note: Park gates will not remain closed beyond normal opening time for any event with less than 1,000 people. All races with less than 1,000 people at One Mile must start before 8:30am. (Subject to approval by the General Services Department Director and/or Senior Park Ranger.) If "yes" please state which gate(s): _____	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Time of closure from: _____ until: _____		
Will there be early entrance into the Park for setup? If "yes" when will monitors be at their position(s)? Time from: _____ until: _____ Note: Gate Monitors are required at the entrances and exits for early Park entrance. An additional fee may be charged for early entrance	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Will event require over night camping for security purposes? (authorized for a maximum of two people, 12R.04.340 CMC) If "yes" how many security personnel will be required? <u>OKAY S.R.</u>	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
<b>Portable Restrooms:</b> You are required to provide portable restroom for events with 200+ participants at your event, in the immediate area of the event site which will be available to the public during your event. Restroom Company <u>Johnny On The Spot Portable Toilets</u> Phone Number <u>530-893-5687</u> Location of portable restrooms <u>Just outside of fire ring area</u> Note: Restrooms shall be removed within 24 hrs after conclusion of event.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
<b>Sanitation and Recycling:</b> As an event organizer, you must properly dispose of waste and garbage throughout the term of your event and immediately upon conclusion of the event the area must be returned to a clean condition. For events with 200+ participants, additional trash and recycling cans are required. Number of Trash Cans _____ Number of Recycling Containers _____ Sanitation Company _____ Phone Number _____ Note: Sanitation containers shall be removed within 24 hrs after conclusion of event.	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Will your event include the use of any signs, banners or decorations? (Please see "Conditions For Park Use") If yes, please describe type and location: <u>A sign to welcome guests to event and a few to mark path to event.</u> Note: All signs and banners shall be free standing and not affixed to Park property.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will water be needed during your event? Please provide your own hose and on/off switch. No hose bib is available at One Mile Recreation Area. Note: Please request a water coupler key for City Plaza, Children's Playground, and Cedar Grove.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Do you request irrigation to be turned off before and during your event?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
<b>CITY PLAZA ONLY:</b> Vehicles are not allowed in City Plaza. Loading and unloading must occur from the streets. Meter bags for unloading and loading only may be obtained from the City by calling (530) 896-7800.		
Will vendors be placed on the perimeter sidewalks? If yes, a Vend, Peddle, Hawk permit must be obtained from the Engineering Division at 411 Main St, Chico, (530) 879-6900.	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Will City street closure(s) be needed? A separate permit must be obtained from the Engineering Division at 411 Main Street, Chico, (530) 879-6900.	<input type="radio"/> Yes	<input checked="" type="radio"/> No





DATE: 7/22/13  
TO: Bidwell Park and Playground Commission (BPPC)  
FROM: Greg Redeker, AICP, Associate Planner (879-6810 [gredeker@ci.chico.ca.us](mailto:gredeker@ci.chico.ca.us))  
Dan Efsseaff, Park and Natural Resource Manager  
SUBJECT: Noticed Public Hearing – Advisory Review of Parcel Map 11-04 / Planned Development Permit 12-01 (Schreder) 3 Summersky Commons; APN 018-060-029

## RECOMMENDATION

Staff recommends that the BPPC review the compatibility of the proposed project (Schreder) with the Bidwell Park Master Management Plan. Staff will forward BPPC suggestions to minimize adverse impacts to the experiential value of Bidwell Park to the Planning Commission. .

## REPORT IN BRIEF

The City of Chico Community Development Department requests an advisory review of a proposed project adjacent to the south side of Upper Bidwell Park pursuant to the Bidwell Park Sphere of Influence Policy adopted by the City Council in 2007 (**Attachment A**). The policy provides a role for the BPPC to review projects and provide recommendations to minimize adverse impacts to the experiential value of Bidwell Park.

The proposal is to subdivide a 7.94 acre parcel into two lots, each for future development with a single-family residence. The project site is a legal lot created as part of the Pinnacles subdivision. A single-family residence can be built on the site right now, subject to City regulations for the zoning district, along with special conditions required for certain lots in the Pinnacles subdivision (such as a 20-foot height limit on this lot). The parcel map (**Attachment B**) shows the configuration of the proposed lots, including a 250-foot no-build area adjacent to Bidwell Park. An additional no-build area is proposed for the western portion of the site, which contains steeper slopes and significant trees. No trees are proposed to be removed.

The site slopes significantly east to west, with an elevation above 510 feet on the easternmost edge, and less than 410 feet on the westernmost edge. A bluff, which overlooks the Bidwell Park golf course, dominates the northern edge of the property. The proposed home sites are at elevations of approximately 485 feet (Parcel 1) and 475 feet (Parcel 2). A slight rise exists between the building envelope on Parcel 1 and the edge of the bluff.

The Planning Commission conducted a conceptual review of the project in November 2012. Prior to final Planning Commission consideration, the BPPC is required to provide an advisory review of the project.

The new homes will be limited to 20 feet in height, and will be subject to site design and architectural review by either the Planning Commission or the Architectural Review and Historic Preservation Board. This review will ensure that selected materials, colors, finishes, and lighting are compatible with the foothill environment and Bidwell Park. No structures may be built in the 250-foot no build area on the northern edge of the site, although landscaping could be planted. No landscaping details are provided at this time; however, at its conceptual review, the Planning Commission indicated a preference that only native species with drip irrigation should be planted in this area.

The Bidwell Park Master Management Plan (BPMMP), excerpts of which are provided as **Attachment C**, establishes the requirement for review of projects adjacent to Bidwell Park in Section 3.5.2.2 (Surrounding Land Uses). Goals SLU-1 and SLU-2 in that portion of the BPMMP are applicable to this project, as are Objectives O.SLU-1, O.SLU-2, and O.SLU-6. Applicable Implementation Strategies include I.SLU-1 through I.SLU-4, and I.SLU-6 through I.SLU-9. Section 3.5.3.5 (Aesthetic Resources) is also applicable. Objectives

relevant to the review of this project are O.VR-1, O.VR-2, O.VS-1, and O.NS-1. Applicable Implementation Strategies include I.VR-1, I.VS-1, I.VS-2, and I.NS-1. Taken together, all these Goals, Objectives, and Implementation Strategies make it clear that viewsheds from the park are to be protected, that the BPPC is to be formally consulted regarding projects near the park, and that, if necessary, conditions should be imposed on projects with the potential to negatively impact views from the park.

In October 2012, staff met at the project site with the applicant's engineer to take photographs (**Attachment D**) demonstrating the visibility of the site from various high use areas of Bidwell Park, as specified in the Canyon Oaks Environmental Impact Report. Photos were taken from various points on Upper Park Road, Parking Lot B, the Chico Observatory, and Horseshoe Lake. A brightly painted cardboard box was raised to a height of 20 feet above grade (representing the currently allowed maximum building height for the site) on the most visible portion of the building envelope of Parcel 1. All photographs were taken with a Canon EOS Rebel T1i with an 18-55mm lens; the lens was adjusted to maximum zoom unless otherwise noted.

In addition, the applicant submitted computer simulations using Google Earth in July 2013 (**Attachment E**). These simulations show the spatial relationship of the project to various points in the park, and depict the visibility of the project from additional vantage points, including Monkey Face. For most of these simulations, the building masses are depicted in bright colors (blue and red) to aid visibility. In a few simulations towards the end of the series, the building masses are depicted with more natural colors. Staff would note that many of these views are paired, such as a view from a mid-air perspective above the Rod and Gun Club, then a ground-level view from the same location. It is the applicant's intent to have a "live" version of Google Earth available at the BPPC meeting in case views from other vantage points are desired by the BPPC.

As shown on these visual aids, a small portion of the roof structure on Parcel 1 will be marginally visible from a few select locations within the high use areas of the park. The structure on Parcel 2 will not be visible from the high use areas. From elevated perspectives such as Monkey Face and the North Rim Trail, homes on both parcels will be visible; however, other homes within Canyon Oaks are already visible in this area, and the control over colors and lighting provided through the architectural review process will aid in minimizing visual impacts to park views.

Staff believes that development of the site with two homes instead of one will not adversely impact the experiential value of Bidwell Park, and will not conflict with the goals and objectives of the Bidwell Park Master Management Plan.

Staff recommends that the BPPC review the provided information, including photographs and visual simulations, and provide comments which staff will forward to the Planning Commission.

**ATTACHMENTS:**

- A. Bidwell Park Sphere of Influence Policy
- B. Parcel Map
- C. BPMMP Excerpt, Sections 3.5.2.2. and 3.5.3.5.
- D. Viewshed Photographs
- E. Computer Simulations

**DISTRIBUTION:**

Internal

BPPC Distribution, AP Redeker, PM 11-04 / PDP 12-01 File

External

Seward Schreder, P.O. Box 7785, Chico, CA 95927  
NorthStar Engineering, 111 Mission Ranch Boulevard, Suite 100, Chico, CA 95926  
Richard A. Leland, Jr., 1660 Humboldt Road, Suite 6, Chico, CA 95928  
Richard Crabtree, 1395 Ridgewood Drive, Suite 300, Chico, CA 95973

Canyon Oaks Homeowners Association, c/o The Hignell Companies, Attn: Ray Villar, 1750 Humboldt Road, Chico, CA 95928  
Pinnacles Homeowners Association, c/o The Hignell Companies, Attn: Gary Taylor, 1750 Humboldt Road, Chico, CA 95928



**Bidwell Park & Playground Commission Policy**  
**Bidwell Park Sphere of Influence**

**Introduction**

The Bidwell Park and Playground Commission (BPPC) is charged with the responsibility to oversee the management of Bidwell Park. The BPPC should have a prominent voice in the review and approval process for all discretionary development projects adjacent to Bidwell Park for the purpose of minimizing adverse impacts including, but not limited to, visual, aesthetic, and auditory impacts.

The primary, but not exclusive, area of concern is future development adjacent to Upper Bidwell Park. As a practical matter, this area of protection is to be known as the Bidwell Park Sphere of Influence (BPSI). The BPSI shall be included in the Bidwell Park Master Management Plan, City of Chico (City) General Plan, and Butte County (County) General Plan.

**Policy**

Bidwell Park, as a product of its topography, is readily susceptible to adverse impacts from property adjacent to its borders. It is accepted that not all adverse impacts can be eliminated because of the vastness and topography of Bidwell Park, there is a reasonable expectation that the experiential quality can be protected from adverse impacts adjacent to its borders.

The BPPC recommends to the City Council that the following be included in the Bidwell Park Master Management Plan, the City's General Plan, and the County's General Plan (which is currently being amended):

The Bidwell Park Sphere of Influence (BPSI) shall be established as that area within 1000 feet from the boundaries of Middle and Upper Bidwell Park (east of Manzanita Avenue) and that area immediately adjacent to the boundaries of Lower Bidwell Park (west of Manzanita Avenue).

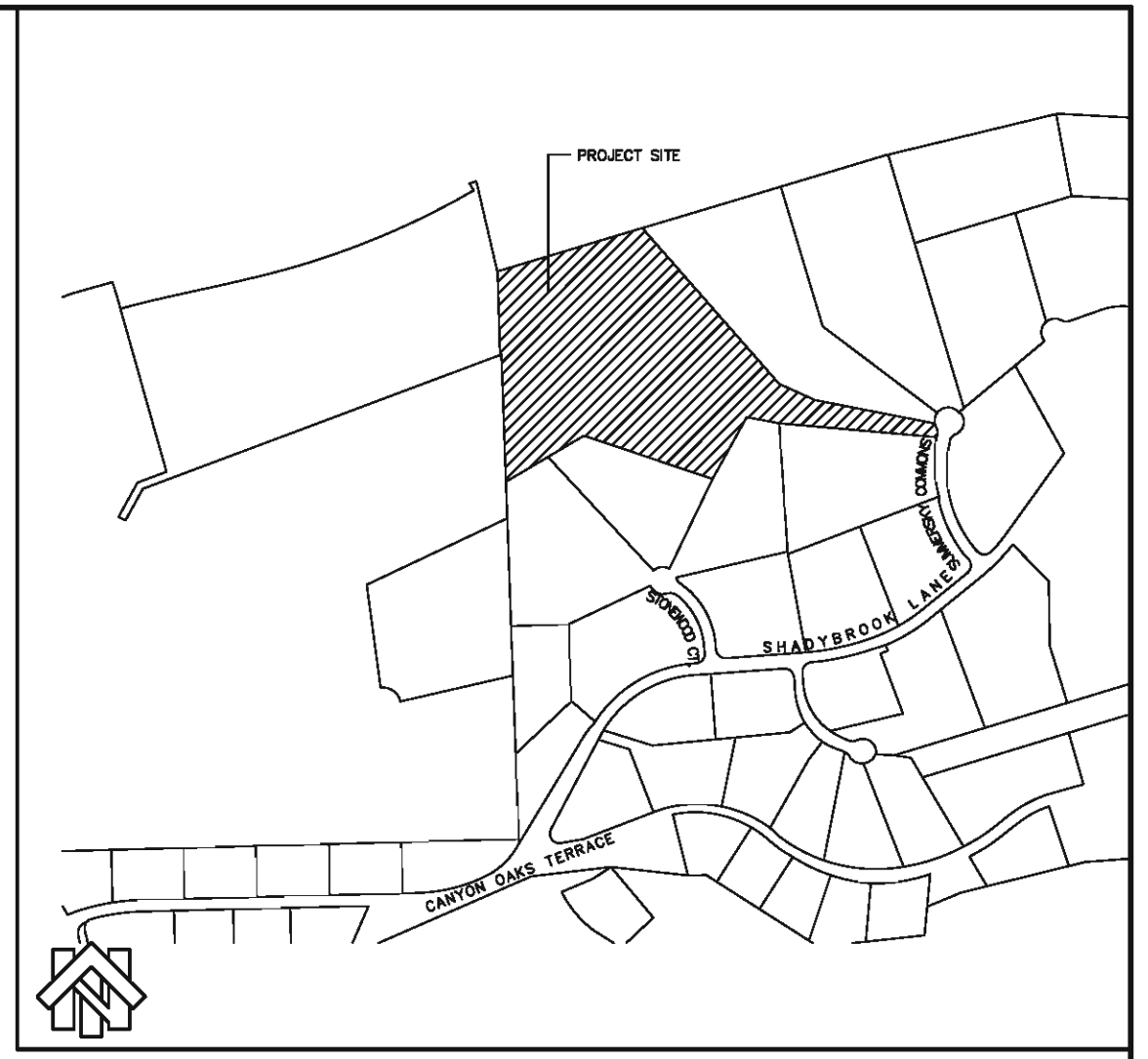
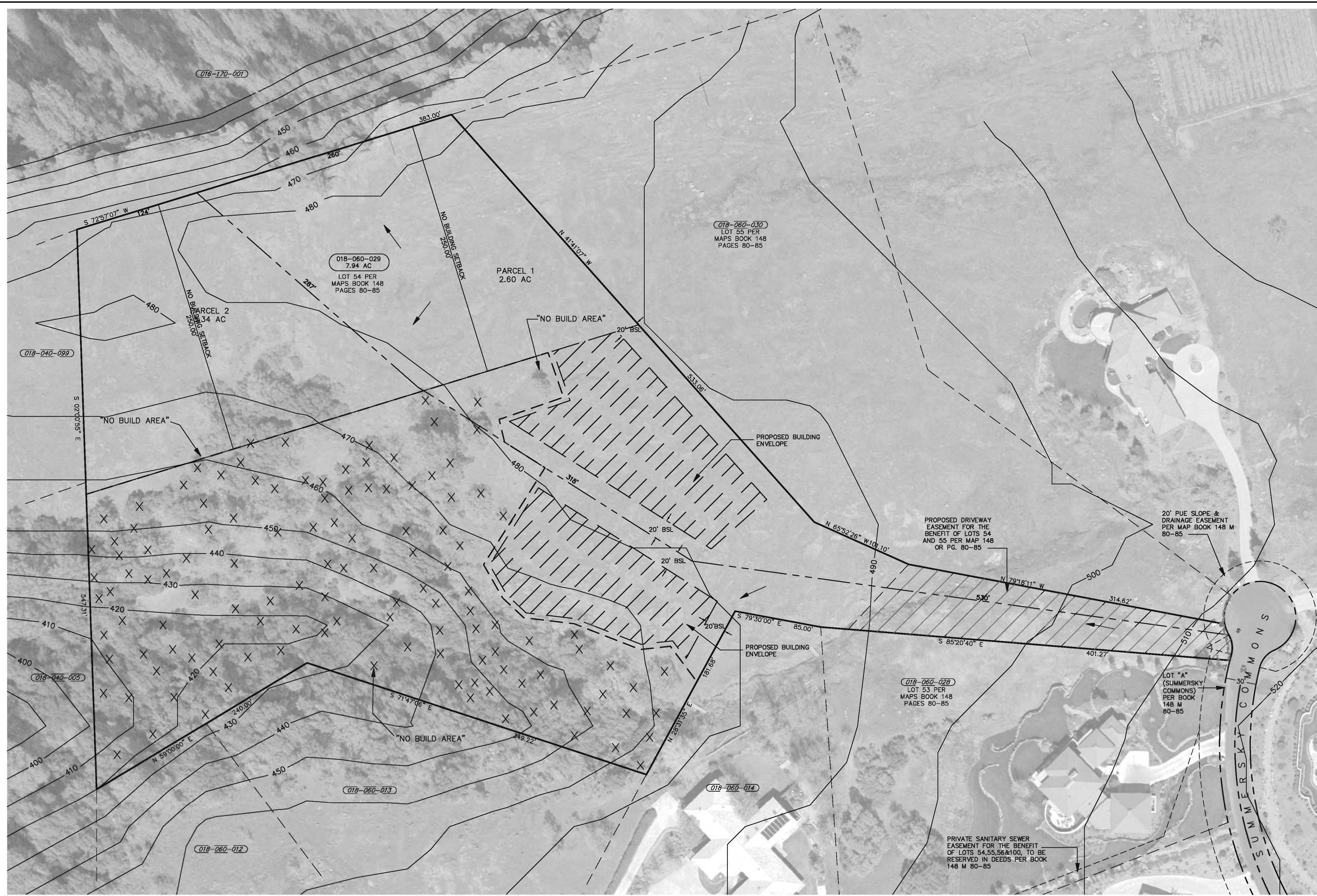
**BPSI Goal:** A BPSI shall be established and will provide the BPPC a review and comment period relating to discretionary development projects within the BPSI in order to preserve, protect, and enhance the experiential value of Bidwell Park from adverse impacts within the BPSI.

**BPSI Policy:** The BPPC shall have a review and comment period relating to discretionary development projects within the BPSI. The BPPC shall review and comment on all discretionary development projects that fall within the BPSI within the City and surrounding areas prior to the review, consideration, and approval by the City Planning Commission, City Council, and County Board of Supervisors. Appropriate City or County staff shall make every effort to minimize the adverse impacts upon Bidwell Park during the discretionary development project process and when issuing administrative development permits within the BPSI.

**Implementation:** The BPPC review and comment period shall be prior to the review, consideration, and approval of discretionary development projects within the BPSI by the City Planning Commission, City Council, and County Board of Supervisors.







**NOTES**

1. ZONING: RS-2 (RESIDENTIAL 2AC MIN)/OS-1 (PRIMARY OPEN SPACE)
2. GENERAL PLAN: VLDR (VERY LOW DENSITY RESIDENTIAL)
3. LAND USE: EXISTING - VACANT  
PROPOSED - RESIDENTIAL
4. SEWAGE: COMMUNITY SEPTIC SYSTEM
5. STORM DRAINAGE: ON-SITE QUALITY MITIGATION (INTERCEPTOR)
6. WATER: CALIFORNIA WATER SERVICE
7. POWER: PG&E
8. TELEPHONE: AT&T
9. CABLE TV: COMCAST
10. STANDARD EROSION CONTROL MEASURES (BMP's) WILL BE USED IN COMPLIANCE WITH THE CITY OF CHICO AND THE WATER QUALITY CONTROL BOARD
11. OWNER: MR. SEWARD SCHREDER  
P.O. BOX 7785  
CHICO, CA 95927
12. DEVELOPER: MR. SEWARD SCHREDER  
P.O. BOX 7785  
CHICO, CA 95927
13. PROJECT SURVEYOR: JAMES STEVENS LS 6050
14. THIS TENTATIVE MAP WAS PREPARED UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR.
15. NO SUBDIVISION MODIFICATIONS ARE PROPOSED FOR THIS PROJECT.
16. THERE ARE NO WELLS OR SEPTIC SYSTEMS EXISTING ON THIS PARCEL.
17. THERE ARE NO STRUCTURES EXISTING ON THIS PARCEL.
18. NO TREES WILL BE REMOVED DURING THIS PROJECT.
19. FLOOD ZONE "X" MAP NO. 060746-0343 DATED 01-06-2011

**LEGEND**

- |  |                                 |  |  |
|--|---------------------------------|--|--|
|  | PROPERTY BOUNDARY               |  | EXISTING EDGE OF PAVEMENT                      |
|  | PROPOSED PROPERTY LINE          |  | EXISTING EASEMENT                              |
|  | PROPOSED EASEMENT               |  | EXISTING PROPERTY LINE FOR SURROUNDING PARCELS |
|  | PROPOSED BUILDING ENVELOPE      |  | 10' CONTOUR LINES                              |
|  | PROPOSED DRIVEWAY EASEMENT      |  | EXISTING FLOW LINE                             |
|  | EXISTING SANITARY SEWER MANHOLE |  | APPROXIMATE TREE LOCATIONS                     |
|  | PROPOSED FLOW DIRECTION         |  | "NO BUILD" AREA APPROX 130± TREES              |

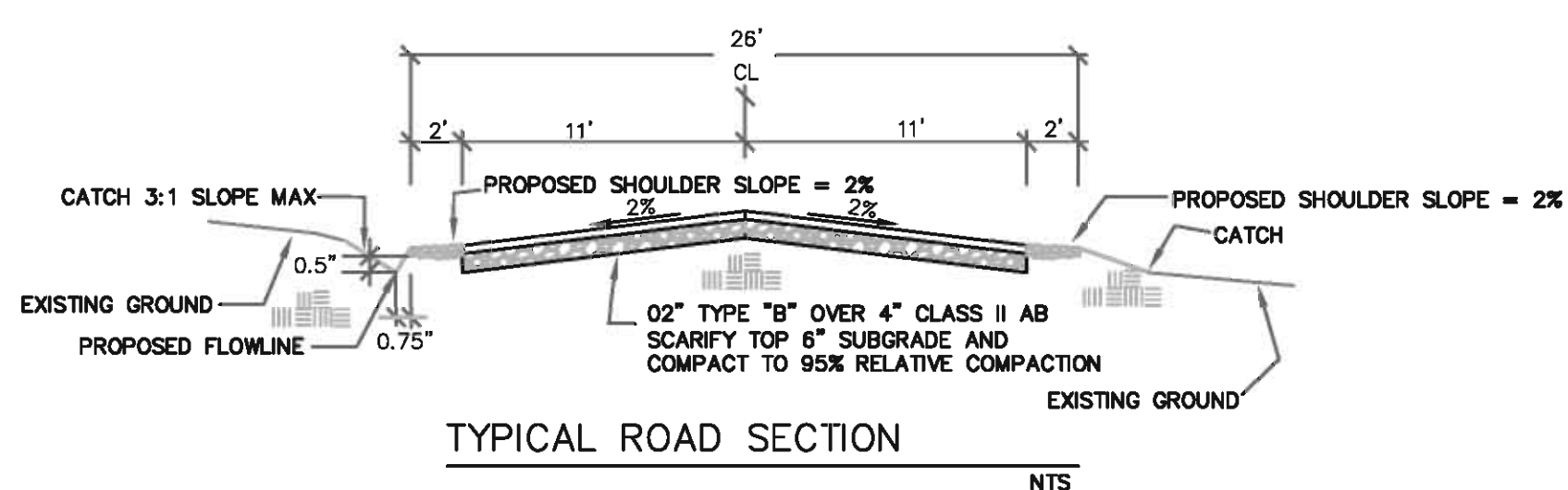
**SUBDIVISION MODIFICATION REQUEST**

PROPOSED SUBDIVISION MODIFICATIONS(CHICO MUNICIPAL CODE, CHAPTER 18.44):

- LOT DEPTHS GREATER THAN THREE TIMES THE WIDTH
- NON-RADIAL LOT LINES
- ACCESSWAY LENGTH IN EXCESS OF THE MAXIMUM LENGTH SERVING TWO OR THREE FLAG LOTS OF 300 FEET.

**AREAS**

TOTAL AREA = 7.94 ACRES  
 NUMBER OF PROPOSED LOTS = 2 RESIDENTIAL  
 RANGE OF RESIDENTIAL LOT AREAS = 113,342 SF TO 232,575 SF  
 PROPOSED DENSITY = 0.25 LOTS/ACRE



**TENTATIVE PARCEL MAP  
PM 11-04  
FOR**

**SEWARD SCHREDER**  
 LOT 54, AS SHOWN ON THAT CERTAIN MAP,  
 "THE PINNACLE-PHASE 2" RECORDED IN THE  
 OFFICE OF THE RECORDER OF THE COUNTY OF  
 BUTTE, STATE OF CALIFORNIA, ON NOVEMBER  
 22, 1999, IN BOOK 148 OF MAPS, AT PAGE(S)  
 80,81,82,83,84 AND 85

CITY OF CHICO  
 COUNTY OF BUTTE STATE OF CALIFORNIA

**NorthStar**  
 Civil Engineers • Surveyors  
 Chico, California

111 MISSION RANCH BLVD., SUITE 100  
 CHICO, CALIFORNIA 95926  
 PHONE: (530) 893-1600 FAX: (530) 893-2113  
 WEB SITE: www.northstareng.com



- O. MC-3. At a minimum, manage resources to a standard consistent with and/or in addition to those required by local, state, and federal requirements.
- O. MC-4. Manage land uses and activities so as to minimize detrimental impacts to the Park's resources.
- O. MC-5. Develop management plans for specific Park areas, consistent with goals, objectives, and implementation strategies and guidelines presented in the BPMMP.

**Implementation Strategies and Guidelines:**

- I. MC-1. The establishment of special resource or management zone designations for portions of the Park should be explored, as appropriate, which would clearly delineate allowable compatible uses consistent with protecting resources.
- I. MC-2. Appropriate designations should be considered when identifying and mapping sensitive resources throughout the Park.

**3.5.2.2 SURROUNDING LAND USES**

**Goal SLU-1:**

**Establish a Bidwell Park Sphere of Influence (BPSI) in order to preserve and enhance the experiential value of Bidwell Park and protect it from adverse effects within the BPSI.**

**Goal SLU-2:**

**Provide the Bidwell Park and Playground Commission a review and comment period relating to discretionary development projects within the BPSI.**

**Goal SLU-3:**

**Establish active participation of the BPPC on land use development issues in the Big Chico Creek Watershed.**

**Goal SLU-4:**

**Eliminate existing encroachment into Bidwell Park land and take steps to prevent encroachment in the future.**

**Objectives:**

- O. SLU-1. Implement the BPSI Policy: The BPPC shall have a review and comment period relating to discretionary development projects within the BPSI. The BPPC shall review and comment on all discretionary development projects that fall within the BPSI within the City and surrounding areas prior to the review, consideration, and approval by the City Planning Commission, City Council, County Planning Commission, and County Board of Supervisors. Appropriate City or County staff shall make every effort to avoid or minimize the adverse effects upon Bidwell Park during the discretionary development project process and when issuing administrative development permits within the BPSI.
- O. SLU-2. Assess potential impacts on Bidwell Park and comment on the scope and content during the environmental impact review process conducted for all development in the Chico urban area and require mitigation measures that reduce impacts to less than significant levels. Mitigation

measures should address issues such as fragmentation of natural communities and movement and dispersal corridors, duration of impacts, buffer zones, noise, height restrictions, architectural and landscaping guidelines, open space easements, and parkland dedications. Consider incremental and cumulative impacts.

- O. SLU-3. CARD should implement their overall strategy for park planning. Implementation should include design standards based on population, developer participation and an overall financing method that directs intensive recreation facilities to parks other than Bidwell Park.
- O. SLU-4. Revise the Parks, Public Facilities, and Services Element of the General Plan to ensure consistency with the BPMMP and the CARD Park and Recreation Plan, as necessary. CARD should complete its Master Plan.
- O. SLU-5. Conduct annexation of county property near Bidwell Park in a manner consistent with City policy to gain greater control over development of such sites.

O. SLU-6. Prevent the Park viewshed from being obstructed by surrounding development.

- O. SLU-7. Expand the Park where feasible to enhance and protect the values that make Bidwell Park of importance to the community.
- O. SLU-8. Demarcate property lines and remove encroachments.

***Implementation Strategies and Guidelines:***

- I. SLU-1. The BPPC shall provide input during review of discretionary development projects. BPPC review and comment period shall be prior to the review, consideration, and approval of discretionary development projects within the BPSI by the City Planning Commission, City Council, County Planning Commission, and County Board of Supervisors.
- I. SLU-2. Timely recommendations and positions on particular properties and projects shall be developed by monitoring off-site development activities and influencing policy formation.
- I. SLU-3. Developers and other project applicants shall be required to mitigate their respective negative impacts on Bidwell Park. City staff should consider potential impacts on Bidwell Park when they comment on the scope and content of environmental impact assessments.
- I. SLU-4. Noise mitigation for new development near the Park should be required. Construction, operation, and maintenance of noise sources should be addressed as part of the CEQA process.

I. SLU-5. Park boundaries shall be surveyed and protected from structural encroachments and invasive plant encroachment, and an encroachment policy should be developed.

- I. SLU-6. Adequate buffer policies should be established to protect the Park's viewshed.
- I. SLU-7. Communications with owners of property in locations that could affect Bidwell Park should be maintained.
- I. SLU-8. Generous setbacks or dedicated open space should be provided to form appropriate transitions between the Park and new development.
- I. SLU-9. Architectural guidelines and landscape plans should be developed to avoid or minimize potential adverse effects to the Park and habitat conditions.

- O. SE-2. Administer a permit process and present permit applications to the BPPC when necessary.

**Implementation Strategies and Guidelines:**

- I. SE-1. Guidelines for special events shall be outlined on the City’s website.
- I. SE-2. Monitoring of potential adverse effects of annual and/or new events should be continued.
- I. SE-3. Special event permit applicants shall demonstrate, where necessary, mitigation measures or avoidance strategies to protect natural, cultural, and other environmental resources.

**Rules and Regulations**

**Objectives:**

- O. RR-1. Make park users aware of park rules and regulations at all times and inform them that violations of these rules and regulations will be consistently and rigorously enforced.

**Implementation Strategies and Guidelines:**

- I. RR-1. An interpretive and educational plan should be implemented to educate and motivate Park visitors to follow Park regulations and rules. (See also “Interpretive and Educational Resources,” “Goal” and “Objectives” sections).
- I. RR-2. All rules and regulations in the Park should be clarified and Park users shall be made aware of them and how they are enforced through clear signage and other means.
- I. RR-3. Strategic and effective means of enforcing Park rules and regulations should be identified in a consistent manner that also encourages stewardship of Park resources.
- I. RR-4. Park users shall be notified that undeveloped natural areas within the Park are to be used at their own risk.
- I. RR-5. Park areas that are restricted in use shall be identified to protect sensitive biological, cultural, or other resources.

**3.5.3.5 AESTHETIC RESOURCES**

**Goal AR:**

**Identify and protect the scenic and aesthetic resources in Bidwell Park.**

**Visual Resources and Scenic Characteristics**

**Objectives:**

- O. VR-1. Protect scenic characteristic and aesthetic resources.

- O. VR-2. Keep structures and other development features to a minimum and design them to blend into the cultural and natural setting. Utilize natural materials to soften the presence of structures in the natural environment.
- O. VR-3. Use native plants for landscaping in Bidwell Park with few exceptions.

- O. VR-4. To the greatest extent possible, limit the use of irrigated turf areas to the Municipal Golf Course, One-Mile Recreation Area, Cedar Grove, Five-Mile Recreation Area, East 4th Street entrance, and Hooker Oak Recreation Area.

**Implementation Strategies and Guidelines:**

- I. VR-1. Impacts to the visual character of Bidwell Park should be considered when evaluating decisions.
- I. VR-2. Creative/artistic elements should be incorporated into Park facilities and programs.
- I. VR-3. Design standards should blend in with the natural environment. Natural materials such as rock, gravel, logs, and mulch should be used in ways that simulate natural conditions. The choice of using asphalt, concrete, decomposed granite or other alternatives should be based on consideration of aesthetics, environmental effects, and maintenance costs. Consideration should be given to avoiding or minimizing adverse effects and achieving long term resource protection.
- I. VR-4. Litter and graffiti control shall continue to be a high priority management task and public cooperation and assistance to control litter should continue to be encouraged.
- I. VR-5. Areas should be designed to encourage responsible Park use patterns and unofficial trails should be minimized.

**Viewsheds**

**Objectives:**

- O. VS-1. Protect to the maximum extent feasible viewsheds from Park vantage points, particularly those encompassing ridgelines and slopes.

**Implementation Strategies and Guidelines:**

- I. VS-1. The BPPC Bidwell Park Sphere of Influence (BPPC) Policy (see “Surrounding Land Uses” section, above) should be implemented.
- I. VS-2. Cooperation between City and County planners to develop standards for development both inside and outside of the Park shall be encouraged to ensure adequate screening of structures and protection of the viewshed.

**Night Sky**

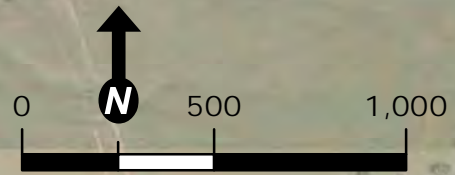
**Objectives:**

- O. NS-1. Protect the night sky by minimizing sources of light within Bidwell Park and from adjacent facilities.

**Implementation Strategies and Guidelines:**

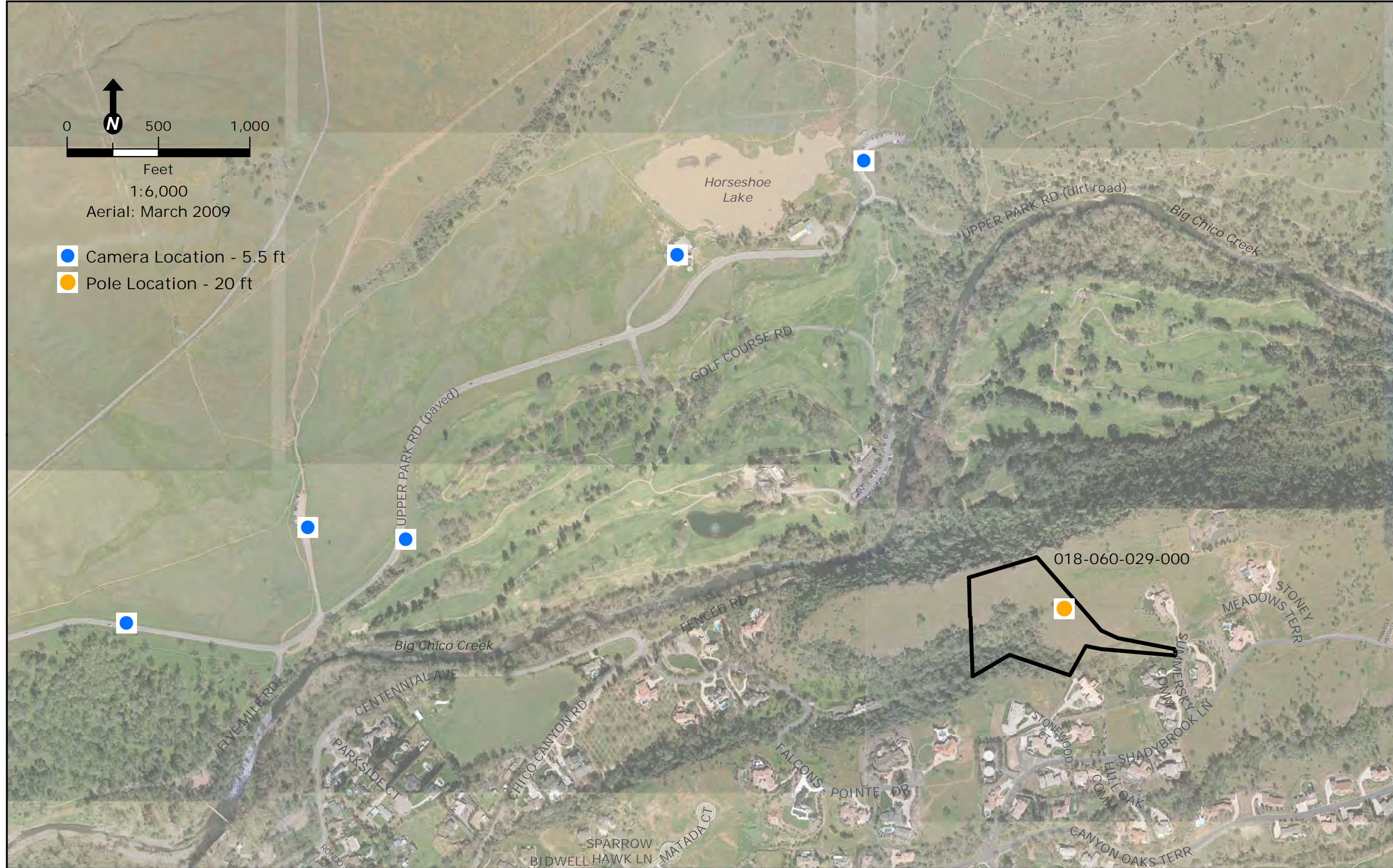
- I. NS-1. The adoption of a night sky ordinance for the City and County should be promoted, including development requirements for structures built on ridges within the viewshed.





1:6,000  
Aerial: March 2009

- Camera Location - 5.5 ft
- Pole Location - 20 ft



Schreder PM Viewshed Photo Locations







View from Upper Park Road west of Parking Lot B  
Pole not visible





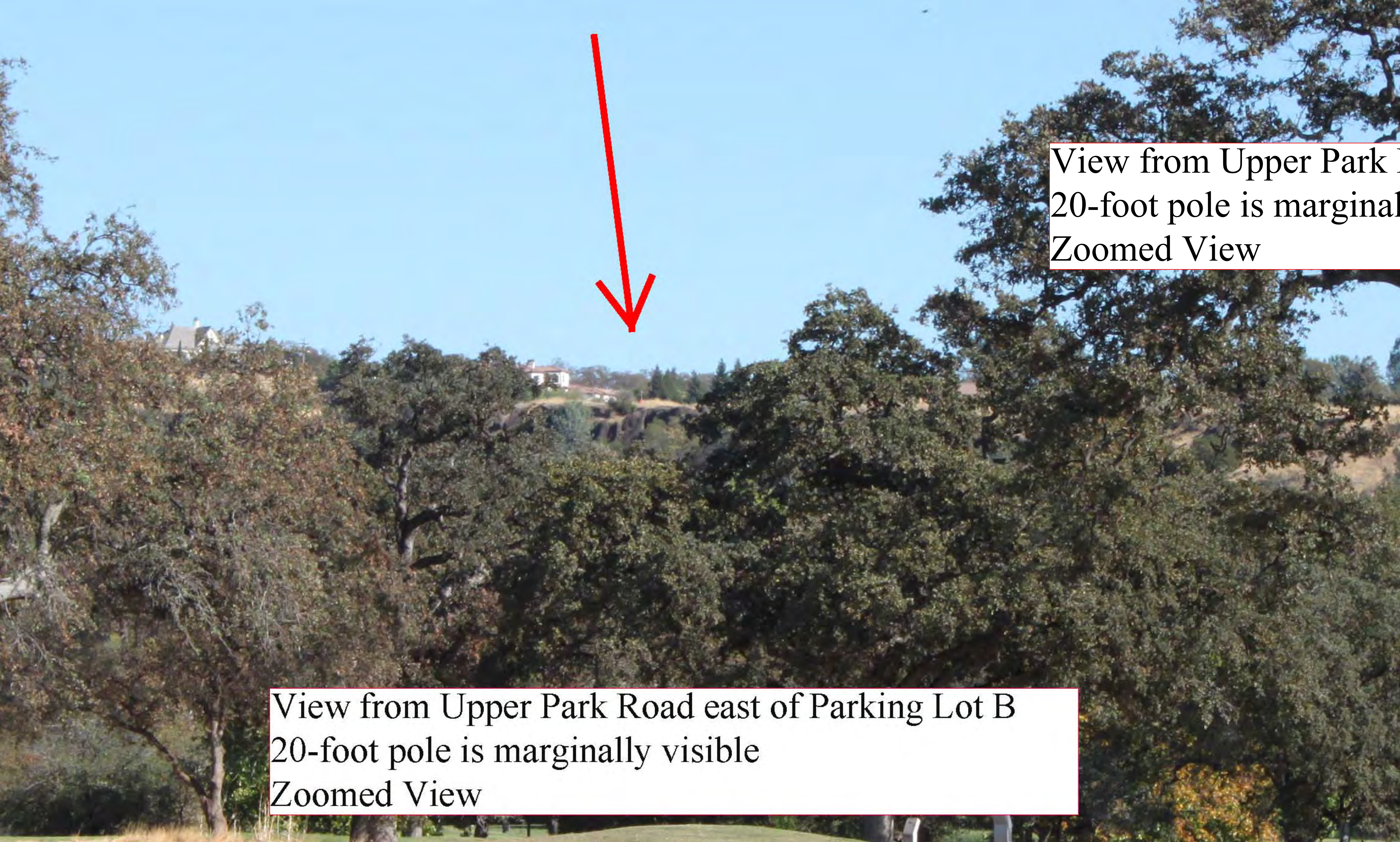
View from Parking Lot B  
20-foot pole not visible





View from Upper Park Road east of Parking Lot B  
20-foot pole is marginally visible





View from Upper Park  
20-foot pole is marginal  
Zoomed View

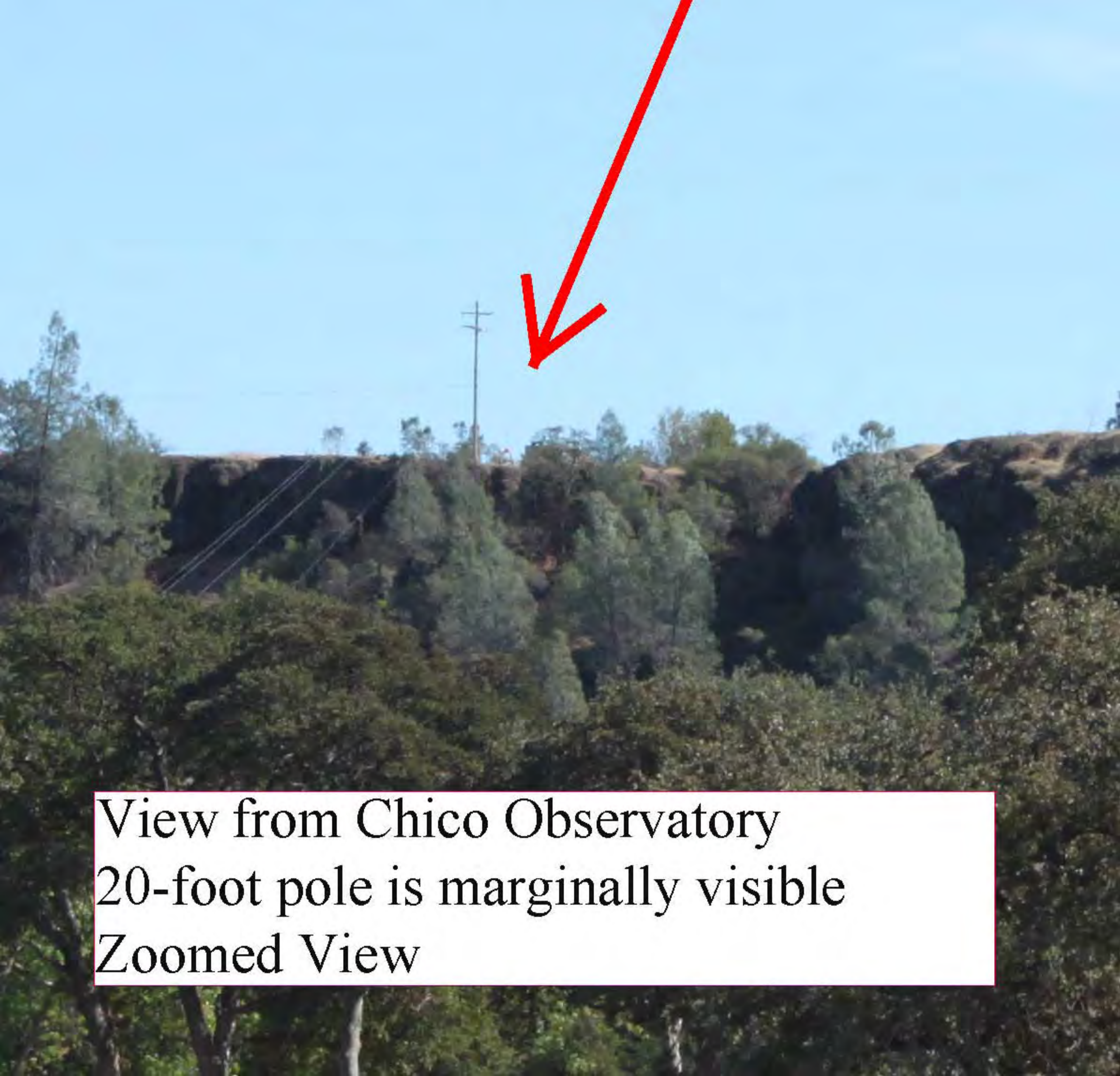
View from Upper Park Road east of Parking Lot B  
20-foot pole is marginally visible  
Zoomed View





View from Chico Observatory  
20-foot pole is marginally visible





View from Chico Observatory  
20-foot pole is marginally visible  
Zoomed View





View from Horseshoe Lake  
20-foot pole not visible





Figure 1 - Eye at 600 ft Horseshoe Lake Parking





Figure 2 Approx. 6 ft at Horseshoe Lake Parking Lot



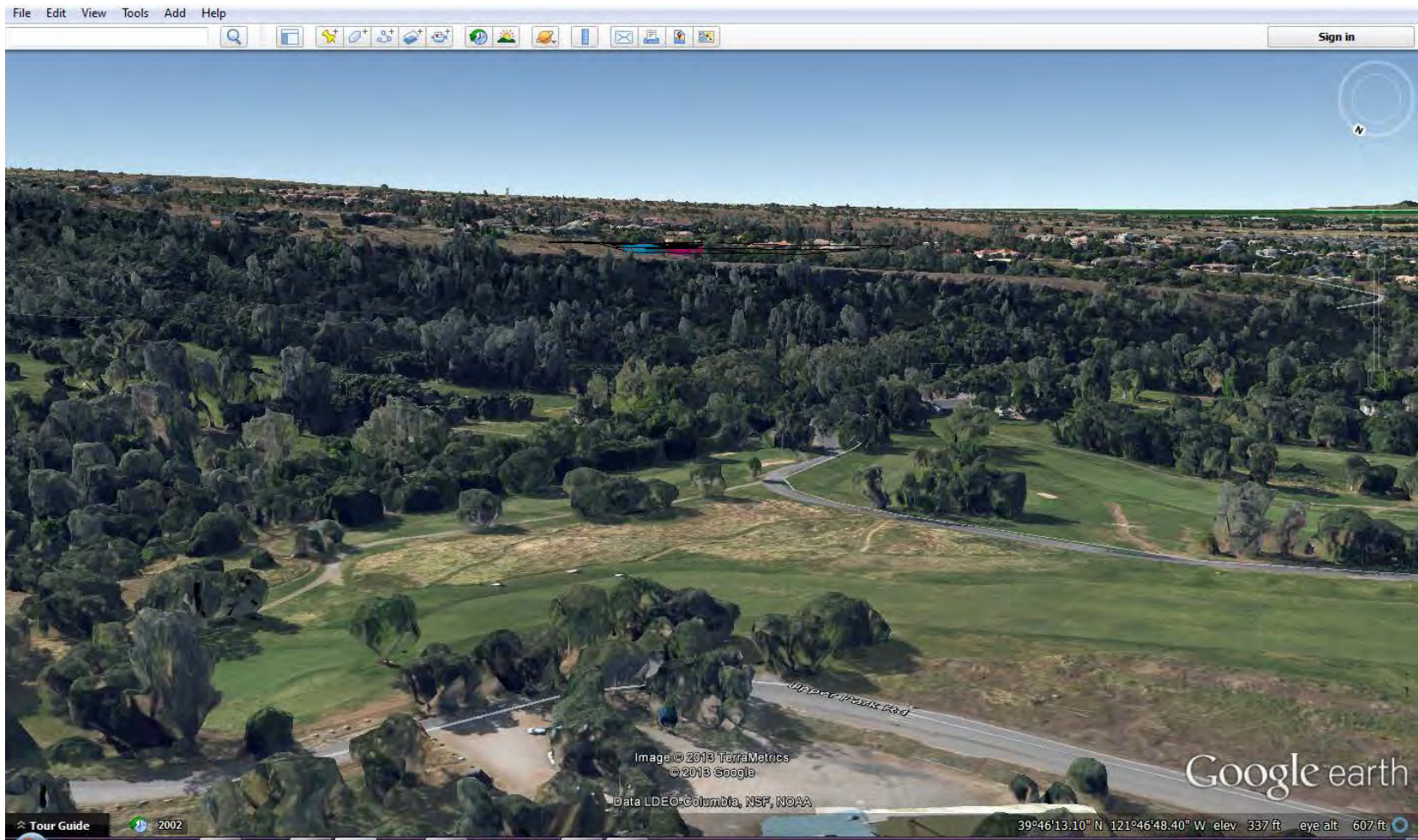


Figure 3 Eye at 600 ft Gun Club Parking





Figure 4 Approx 6 ft at Gun Club Parking



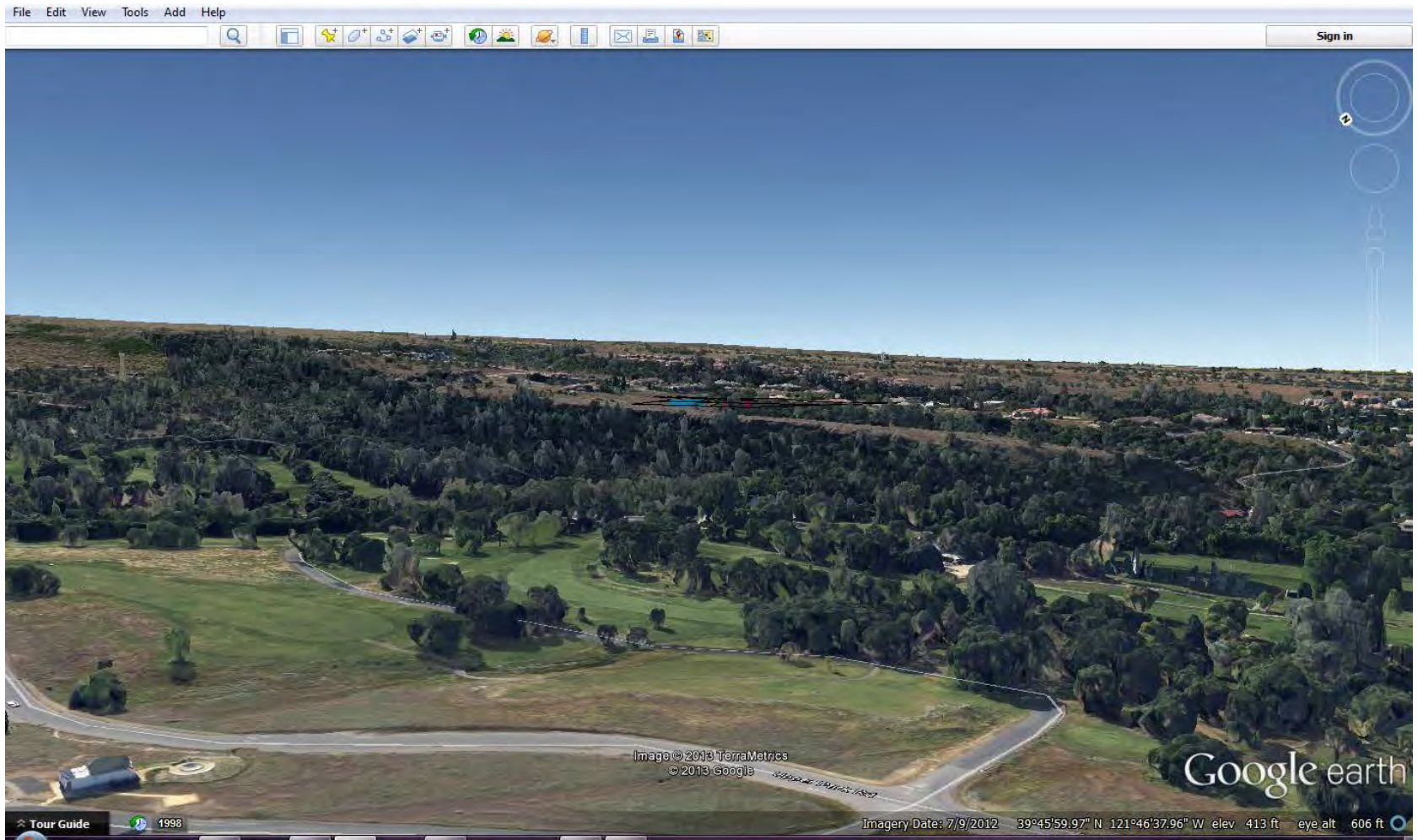


Figure 5 Eye at 600 ft Golf Course and Upper Park Road





Figure 6 Approx 6 ft at Golf Course and Upper Park Road



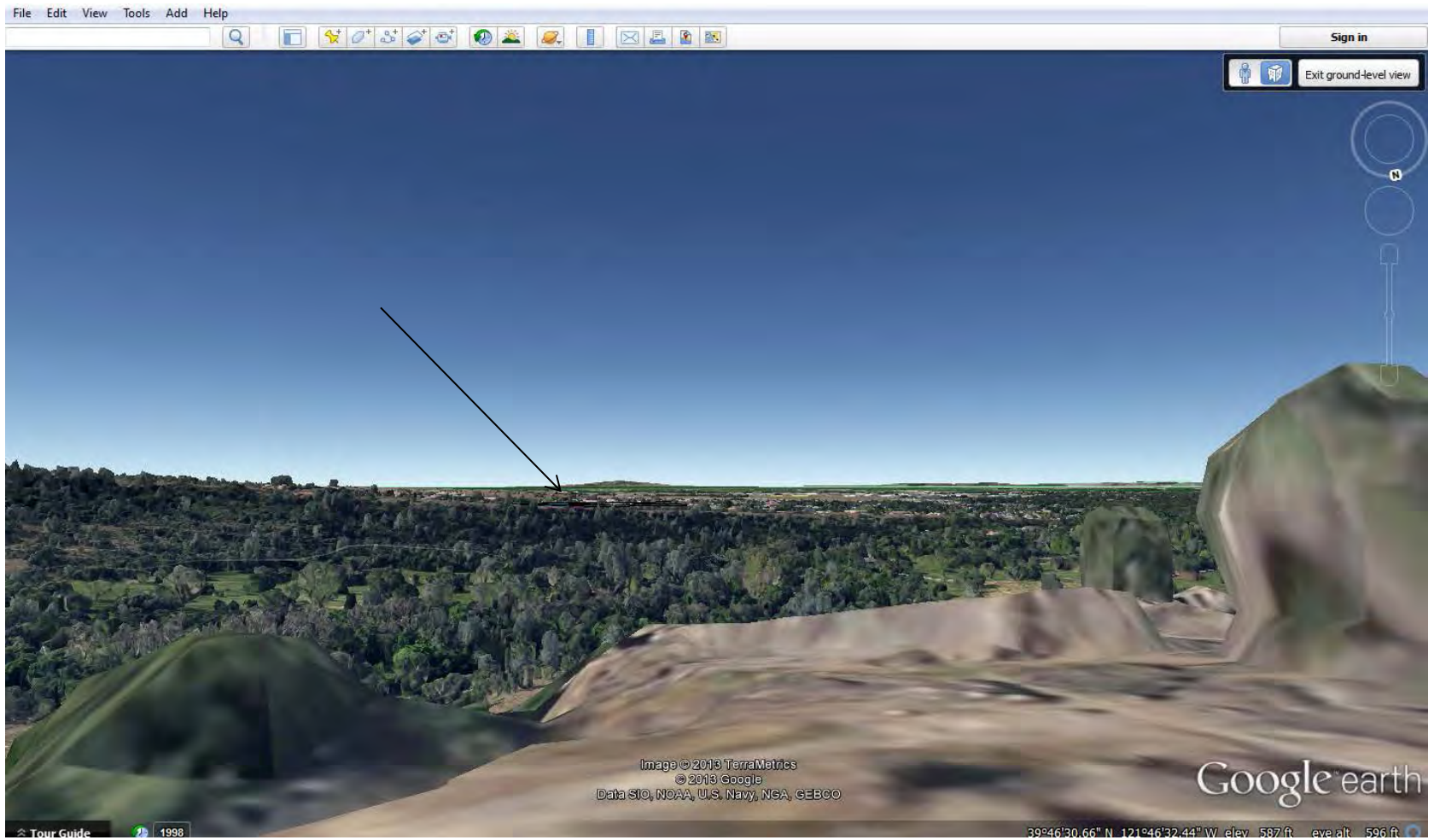


Figure 7 Approx 6 ft at Monkey Face



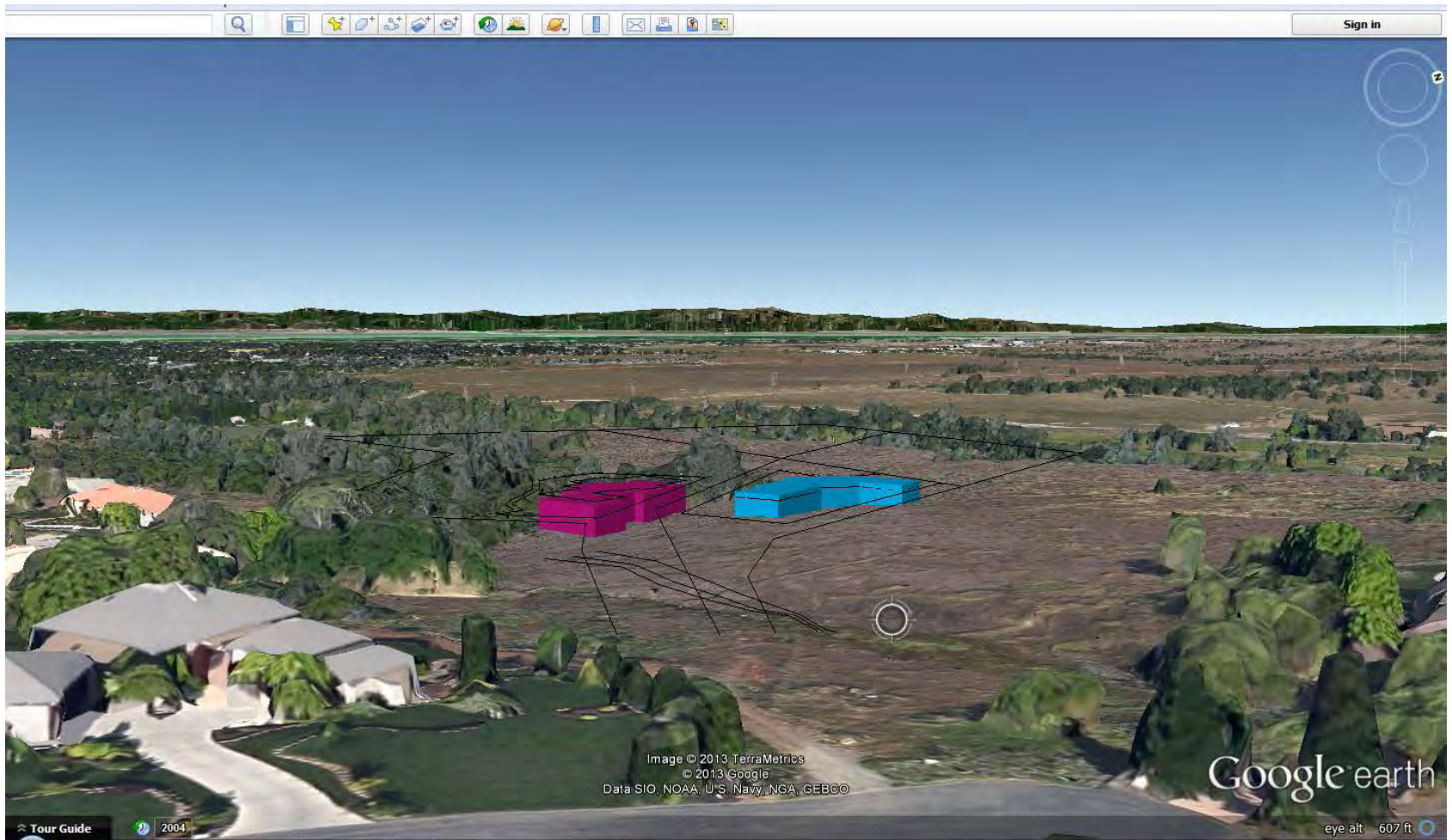


Figure 8 Eye at 600 ft at Summersky Commons



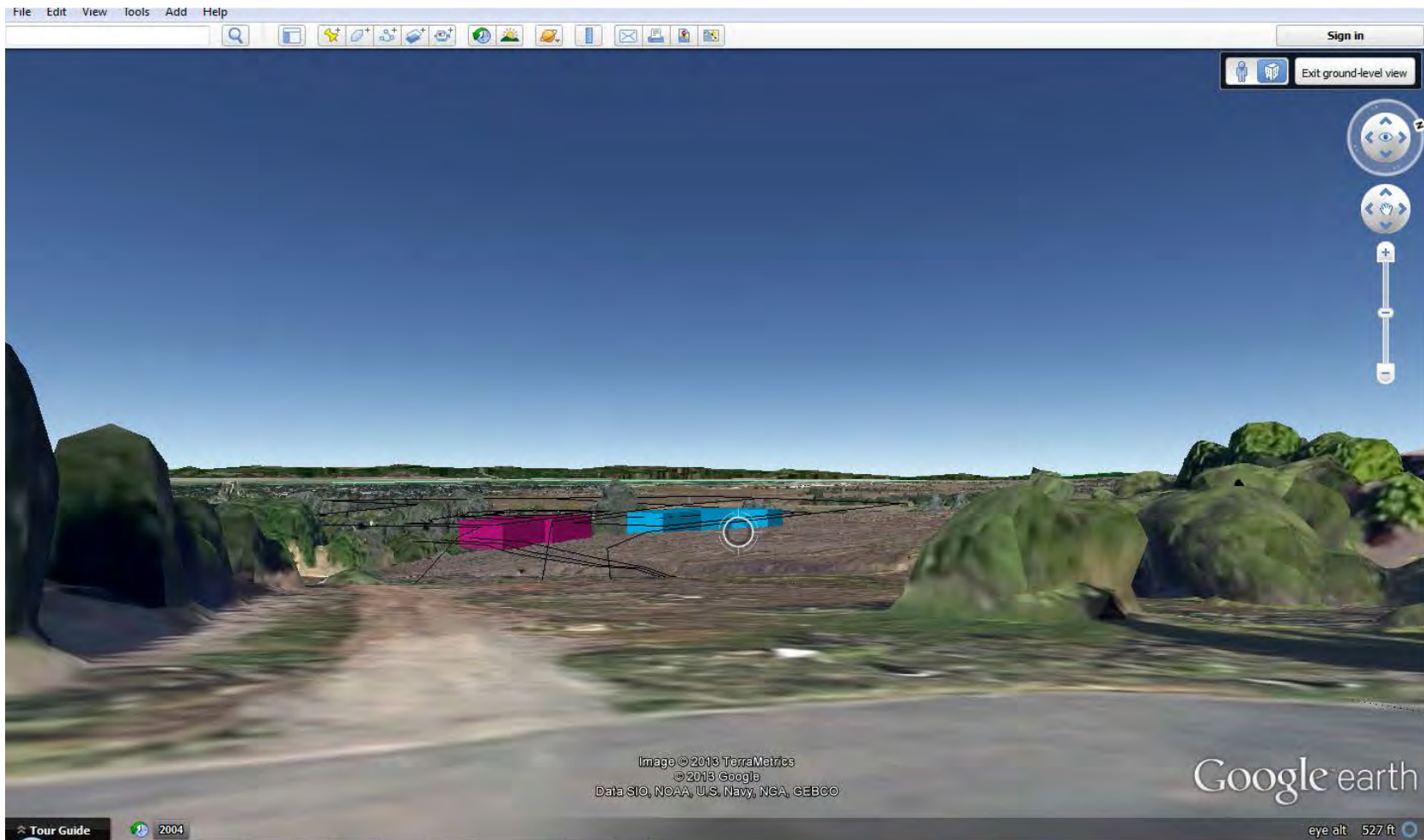


Figure 9 Approx 6 ft at Summersky Commons



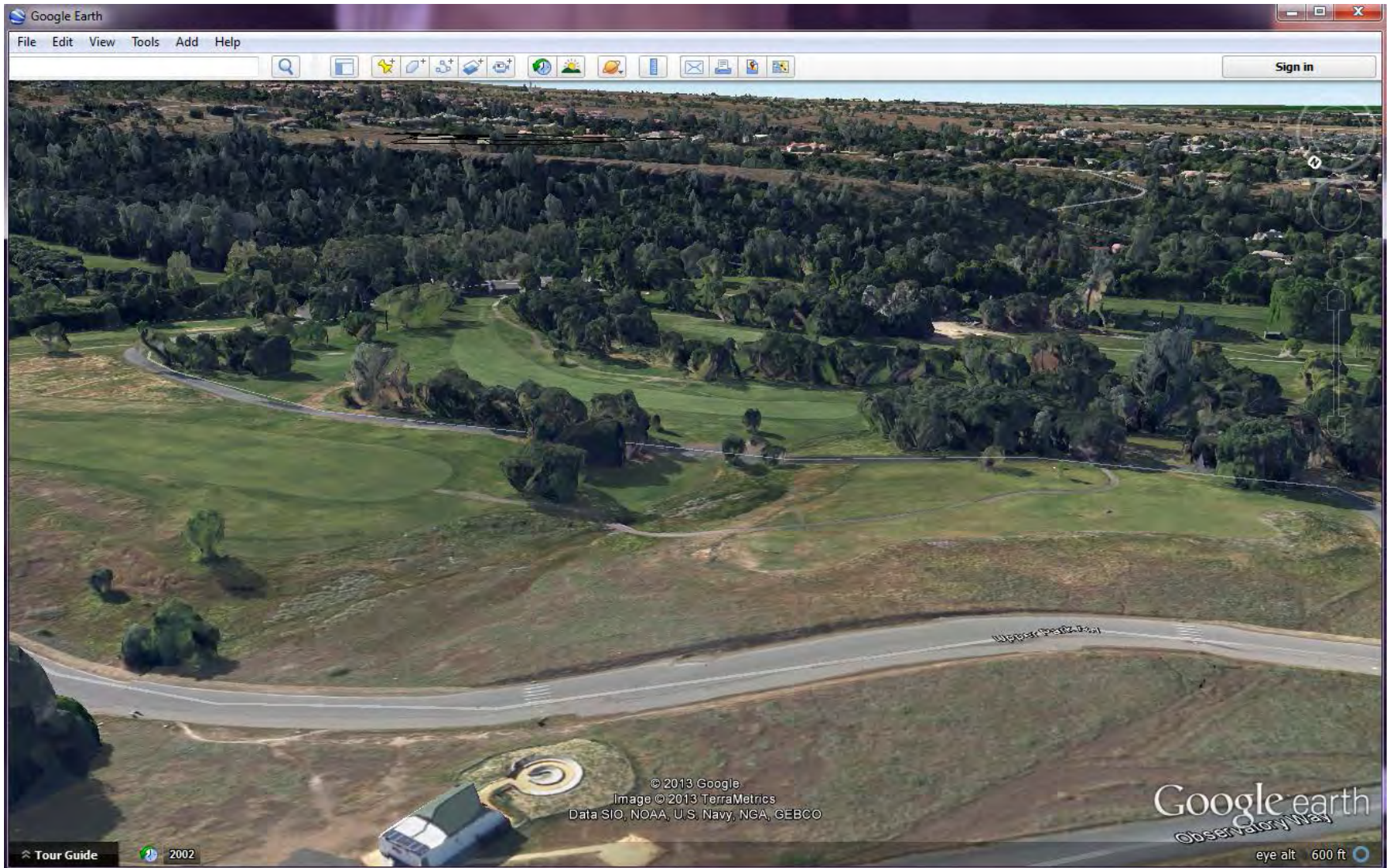


Figure 10 Eye at 600 Ft Observatory Parking Lot



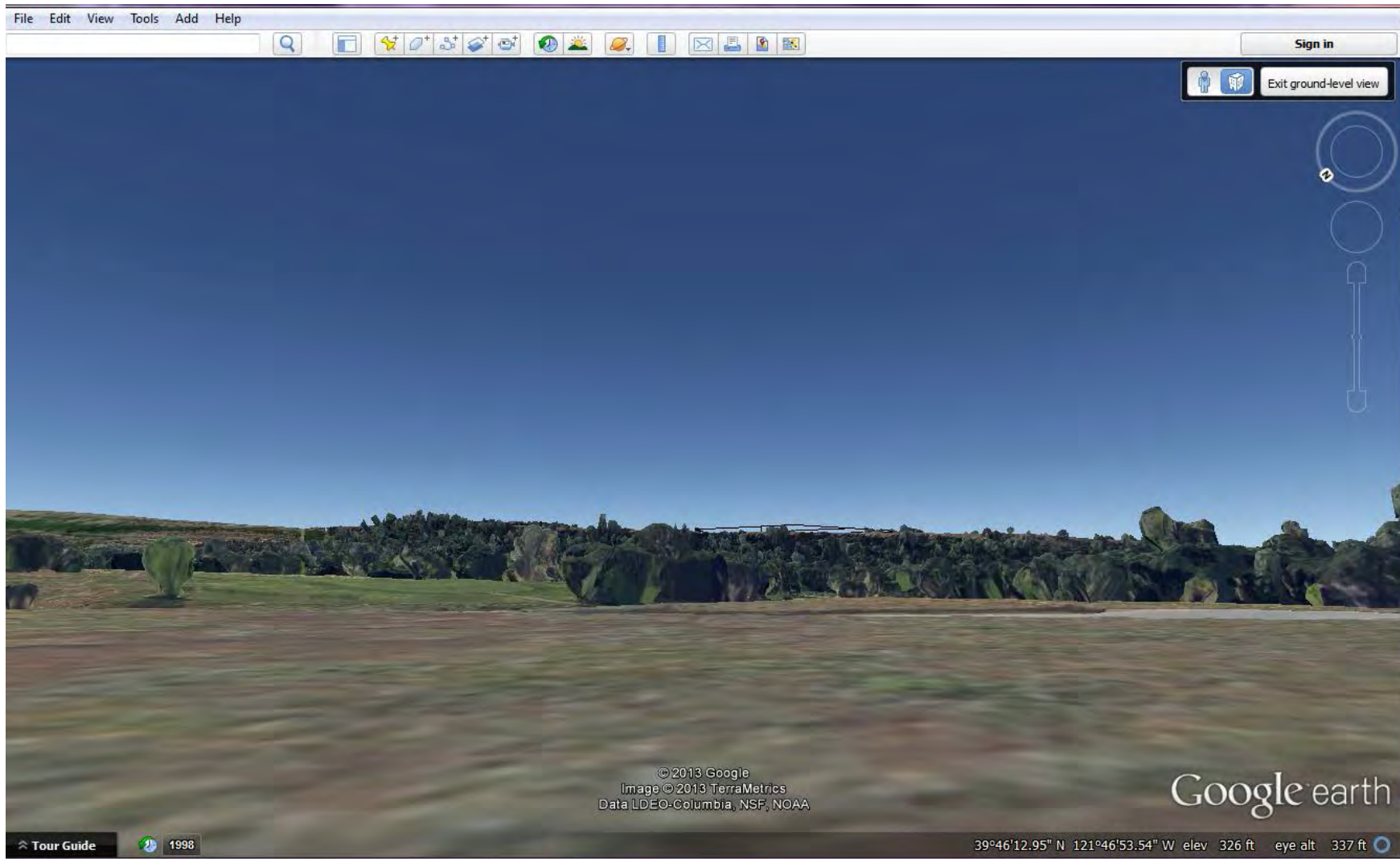


Figure 11 Approx 6ft at Observatory Parking Lot



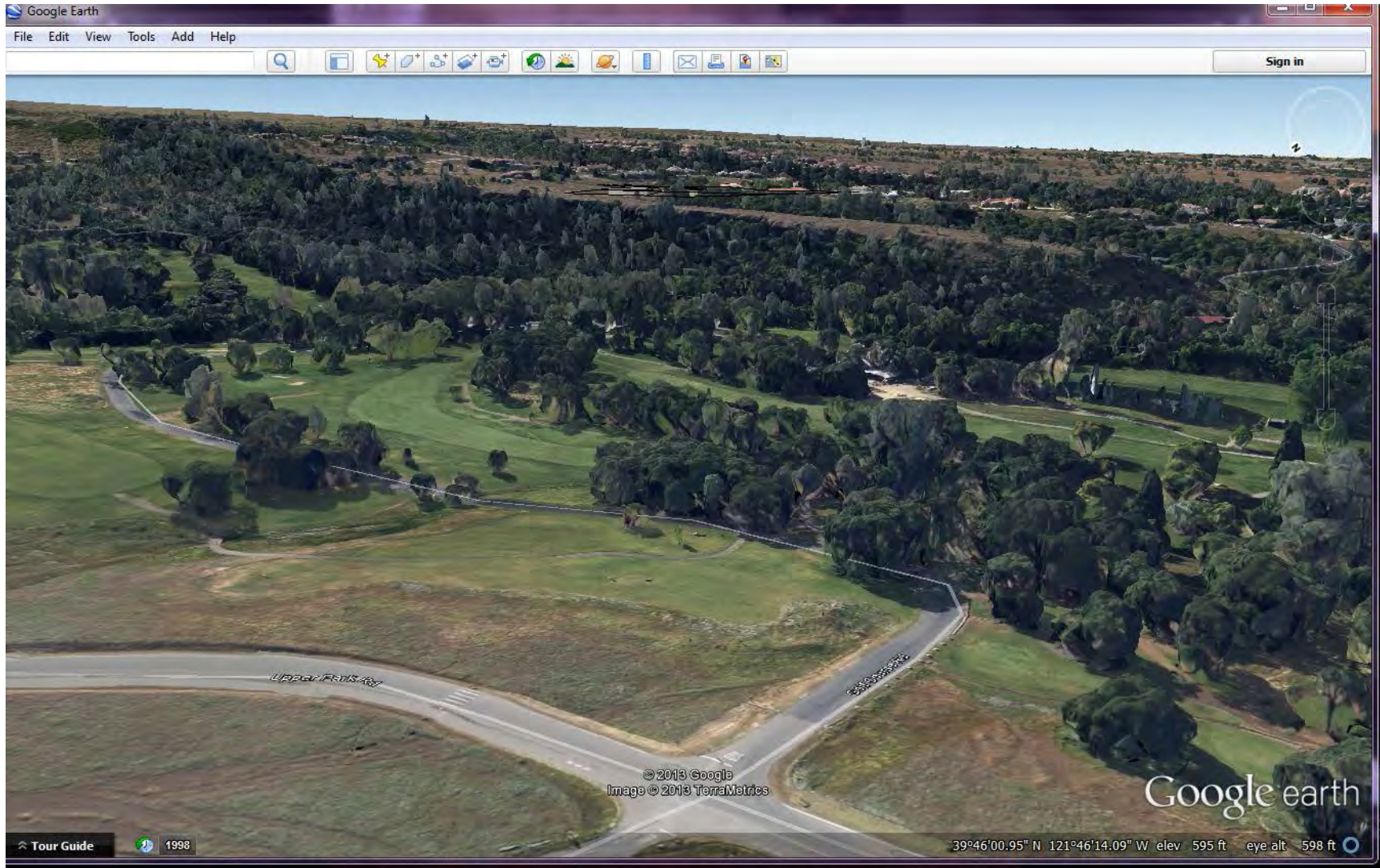


Figure 12 Eye at 600ft Golf Course and Upper Park Road





Figure 13 Approx 6 ft at Golf Course and Upper Park Road



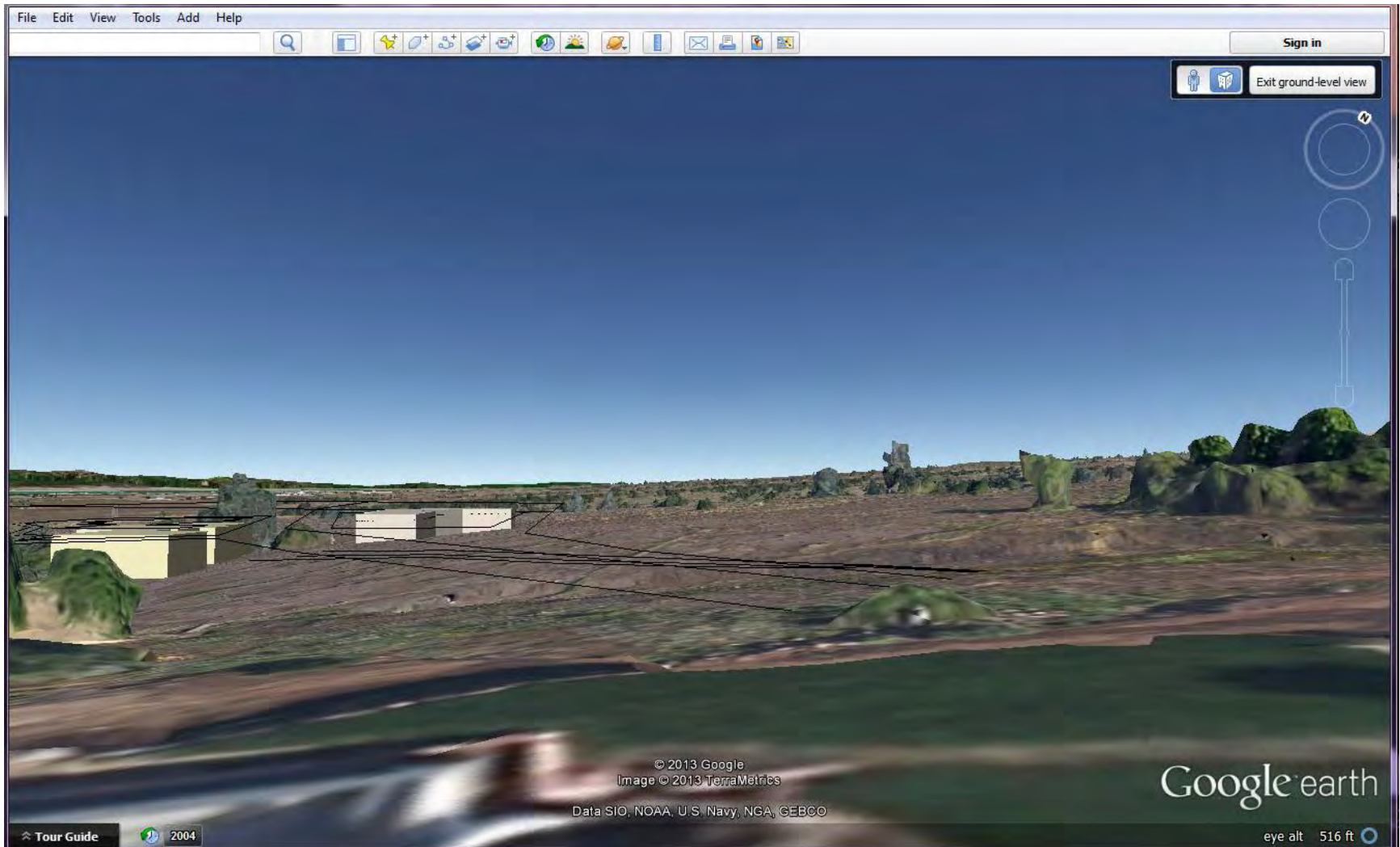


Figure 14 View from Lot 53



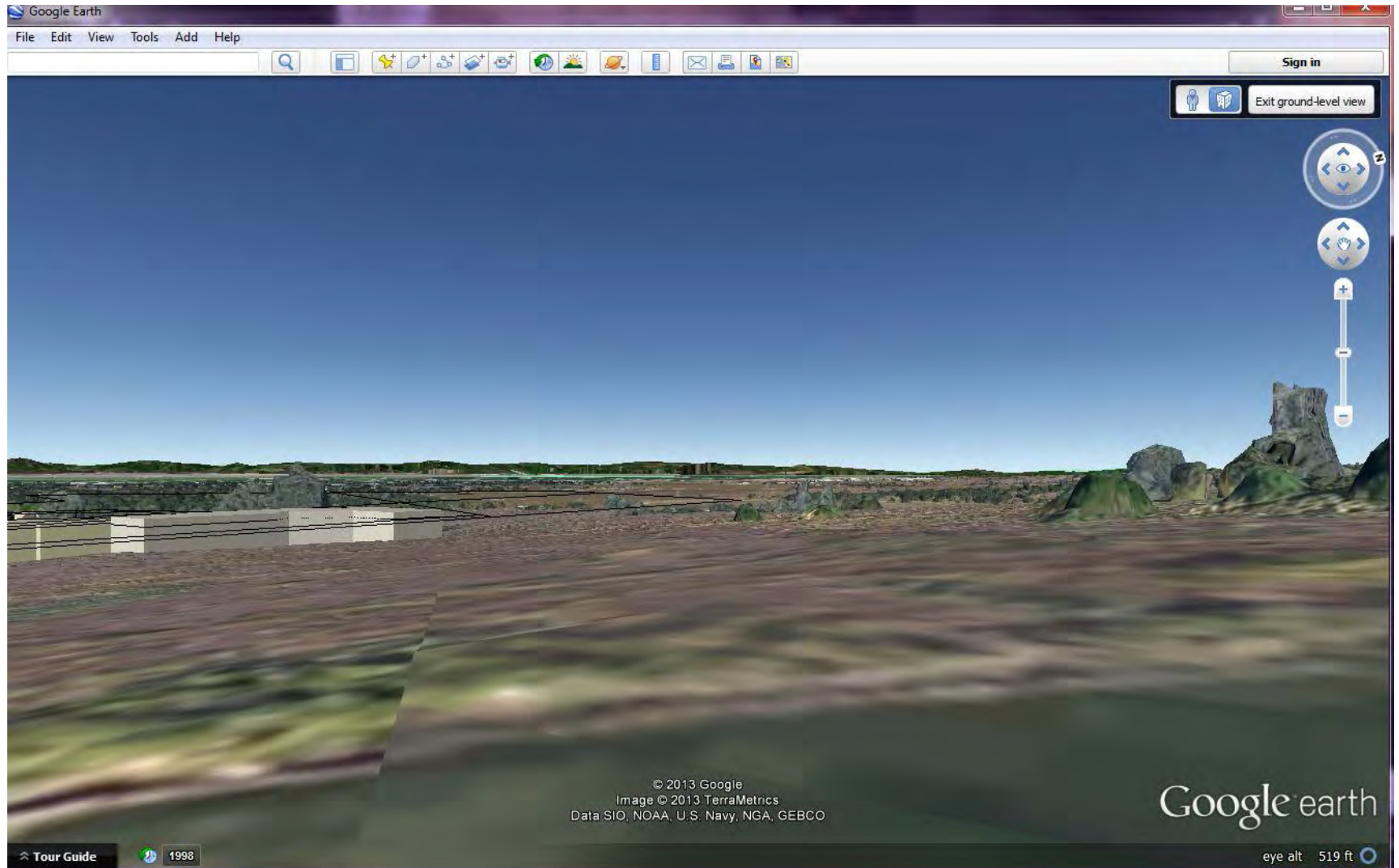


Figure 15 View from Rear of Lot 56





DATE: 06/24/2013  
TO: BPPC  
FROM: Dan Efseaff, Park and Natural Resource Manager  
SUBJECT: Park and Natural Resource Manager's Report

## NARRATIVE

### 1. Updates

- a. Budget – Following a budget workshop on June 18, 2013, the City Council adopted the 2013-2014 Fiscal Year budget. The budget will result in significant cuts to the Parks and Street Trees Division staff and services. Parks will lose about half of its crew (3 maintenance positions and 1 Ranger); and Street Trees will lose its entire crew (4 tree workers). Staff is reviewing the consequences to operations, but will likely be unable to support our current 7 day a week operation. The outcome is likely the closure of gates, restrooms, reservations, and events on Monday, Tuesday, Wednesday, and Thursday. We will focus on keeping facilities in Bidwell Park open on peak days (weekends Friday, Saturday, and Sunday). There are significant implications to safety, health, infrastructure, and resources in Bidwell Park as well as all greenways, urban forest, and open space areas in the City. There will be numerous impacts to our leasees and partners as well. These impacts may range from short term inconveniences to long-term damage to resources.
- b. 2012 Annual Monitoring Report, Horseshoe Lake Parking Area E. – Chico Environmental monitors the containment cell underneath the parking lot. The report is attached.

### 2. Administrative and Visitor Services

- a. Caper Acres – in May there were 21 reservations at Caper Acres Ring 1 and 19 in Ring 2 with approx 1009 people total.

### 3. Planning/Monitoring

- a. Annual Peregrine Point Monitoring report – Staff anticipates a draft annual report will be available for BPPC review at the next meeting.

### 4. Maintenance Program

Staff continues daily cleaning and safety inspections of all recreation areas including: grounds, playgrounds, picnic sites, roads and paths, coupled with daily cleaning and re-supplying of all park restrooms. Maintenance and repair of park fixtures, daily opening of gates, posting reservations, unauthorized camp clean up and the constant removal of graffiti from all park infrastructure. Park Staff have successfully launched into the summer time programs like sycamore pool, hooked on fishing and full on preparations for all reservable sites.

- a. Lower Park: The park staff concentrated efforts at One Mile to ready the Sycamore pool and the surrounding area for the summer season. Crew painted and rebuilt the life guard chairs, rule and warning signs along with the clean up and preparation of the decks. Staff removed 60 + cubic yards of spoils along with cleaning and repairing the pool ahead of schedule for the Memorial Day opening.
- b. Middle Park: Invasive plant removal from the levee at Five Mile is under way and will continue through the summer.
- c. Upper Park: Horseshoe Lake and Upper Park road have been prepared for the annual Hooked on Fishing event by mowing and string trimming all road sides and areas around the lake. The Monkey Face re-route has been started with the help of the California Conservation Corps with the bulk of the preparation for volunteer days to complete this project over the summer.
- d. Upcoming Projects: Parking lot E fence extension, start the ADA connector trail from Lot E to Lot C. Preparation for Fourth of July and Bidwell Park Birthday.



## 5. Ranger and Lifeguard Programs - Monthly Highlights

- a. Overview - Rangers are concentrating on being a visible presence throughout the park during the peak season. They are making regular patrols of the downtown City Plaza in an effort to curtail the negative behavior and vandalism.
- b. Staffing - Due to the resignation of Senior Park Ranger Erdahl and the extended leave of another Park Ranger, only 2 Park Rangers were available for most of May.
- c. Lifeguards –
  - i. The opening of Sycamore Pool started off busy for the lifeguards. They provided assistance for 5 cuts caused by glass or rocks, 2 bees stings and performed 4 water rescues.
  - ii. On Sunday, May 26, at Sycamore Pool, the lifeguards helped a 10 year old child who was struggling reach the pool wall with the use of a rescue tube. The young boy was at the pool with friends and no adults were with them. Head Lifeguard Lindsey Anderson set pool boundaries for the youngster and his friends. Thanks to our new lifeguard and prompt response of the other lifeguards, it was just another day in the Park
- d. Significant Incidents:
  - i. On 5/8/13 Rangers and P.D. were first responders to a vehicle fire in the parking lot at Caper Acres. After emptying 3 extinguishers onto the blaze, fire arrived and completed the fire control. There were no injuries or damage to the park.
  - ii. On 5/17/13 there was a small fire near the diversion dam area. The fire was quickly contained and extinguished. A total of approximately 500 square feet of grassy area near the Yahi trail was burned.
  - iii. On 5/22/13 Rangers were able to contact and identify a young man who lost control of his vehicle near diversion dam. The vehicle collided with a new speed limit sign. Rangers were able to contact the young man's parents and submitted a city property report to management.
  - iv. On 5/17/13 Rangers spotted a wreckless vehicle driving westbound on Centennial. Rangers contacted P.D. and the vehicle was stopped on East 8<sup>th</sup> Street. The driver had a history of DUI and on this occasion it was determined that he was again intoxicated. He was arrested for DUI.

## 6. Natural Resource Management

- a. Vegetation Control – Trails and selected native grass areas were mowed to reduce the impact of weeds.
- b. Volunteer Program – Focus continues on specific weeds such as puncturevine, yellowstarthistle, and pokeweed among others.
- c. Trail work – Staff continued minor work on the Middle Trail and Monkey Face.

## 7. Outreach and Education

- a. News Releases – Dog House Concession Stand Open for Business at One Mile Recreation Area; Sycamore Pool Open for Swim Season; and National Trail Workday in Upper Bidwell Park.
- b. Safety Pals Outreach– Park staff partnered with Chico Fire Dept to present the Safety Pals Program at the following Chico Elementary Schools: Rosedale, Emma Wilson, Marigold, McManus, Chico Country Day, Little Chico Creek and Shasta. Landscape Inspector Linda Sheppard lead the program and Ranger Willadsen participated. The program was interactive and focused on park safety.

## 8. Street Trees and Landscapes

- a. Field Supervisor Reports for May attached.

## 9. Volunteer and Donor Program

Monthly Highlights:

- a. Volunteer Recognition – Over 65 Park volunteers attended the recognition dinner held on May 10. Volunteers were recognized from Park Watch, Chico High School Native Plant Project, Crew Leader Program, Trail Volunteers, Adopt-A-Picnic site, Community Action Volunteers in Education, Upward Bound High School Program and the “volunteer of the decade” – Susan Mason, as well as independent volunteer groups, such as Friends of Bidwell Park, CA Urban Stream Alliance –Stream Team, Butte Environmental Council and CA Native Plant Society, Mt. Lassen Chapter.
- b. National Trail Day - June 1 - no attendants due to heavy park event schedule.



c. Upcoming Volunteer Opportunities:

- i. Volunteer Weekly sessions - Switch to morning hours for the summer. Park Crew Leader volunteers and the Park intern will staff volunteer sessions devoted to various park locations. Crew Leader Bob Jones will lead volunteers in trail work while other sessions will concentrate on weeding and trash removal.
- ii. Upward Bound High School Program – CSUC Upward Bound High school work experience program starts June 17 for 6 weeks. Students will work Monday through Thursdays from 1:30 pm to 4:30 pm weekly. This is the Park Division’s 7<sup>th</sup> year to put students to work in the Park!
- iii. Upward Bound Community Service Day – annual event scheduled for June 28 with several hundred volunteers working in the Park.

d. Donations

John Lynch	\$120	Council Ring upkeep
Friends of Bidwell Park	\$223	2 Dumpsters for vegetation
Waste Management	\$170	in-kind donation of a 30 yard dumpster for Earth Day in Bidwell Park
Home Depot	\$600	in-kind donation of loppers, shovels, tarps, gloves, plastic bags for Earth Day.
Costco	\$200	in-kind donation of breakfast foods for Earth Day
Starbucks	\$100	in-kind donation of large coffee cambro for Earth Day

10. Upcoming Issues/Miscellaneous

- a. Volunteer Hours Report – monthly reporting will be turned into a quarterly report provided in the July Manager’s report.

## MONTHLY SUMMARY TABLES

1. Administrative and Visitor Services

There were 21 reservations at Caper Acres Ring 1 and 19 in Ring 2 with approx 1009 people total.

**Table 1. Monthly Public Permits**

Date	Location	Organization	Event	Participant #
5/2/2013	City Plaza	DCBA	Thursday Night Market	250
5/3-5/4 2013	Cedar Grove	BEC	Endangered Species Faire	2500
5/3-5/5 2013	City Plaza	Cyrcl Productions	Artisans Faire	1000
5/4/2013	One Mile	Kappa Omicron	Run	200
5/5/2013	One Mile	Butte United Soccer Club	Run	200
5/9/2013	City Plaza	DCBA	Thursday Night Market	250
5/11/2013	One Mile	Fleet Feet	Diva Dash	600
5/16/2013	City Plaza	DCBA	Thursday Night Market	250
5/17/2013	City Plaza	DCBA	Friday Night Concert	500
5/23/2013	City Plaza	DCBA	Thursday Night Market	250
5/24/2013	City Plaza	DCBA	Friday Night Concert	500
5/30/2013	City Plaza	DCBA	Thursday Night Market	250
5/31/2013	City Plaza	DCBA	Friday Night Concert	500
<b>Totals</b>			<b>13</b>	<b>7250</b>

**Table 2. Monthly Private Permits**






Type	# Permits	# Participants
Private	44	1702
Caper Acres	0	0
<b>Totals</b>		



**Table 3. Monthly Disc Golf Log**

Status	Total Obs.	Total # Veh.	Avg. # Veh.
Open	5	31	6.2
Closed	0	0	0
<b>Totals</b>	<b>5</b>	<b>31</b>	<b>6.2</b>

**Table 4. Monthly Maintenance Hours.**

Category	Staff Hours	% of Total	% Change from Last Month	2013 Trend
1. Safety	353	35.6%	142.7%	
2. Infrastructure Maintenance	356	35.9%	127.4%	
3. Vegetation Maintenance	177	17.9%	73.8%	
4. Admin Time/Other	106	10.6%	74.0%	
Monthly Totals	991	100%	109.0%	

**Table 5. Monthly Incidents**

Date	Location	Incident	Disposition
5/1/2013	City Plaza	Fight	Moved Along
5/2/2013	S One Mile	Drunk in Public	UTL
5/4/2013	City Plaza	Resist a Police Officer	Report Filed
5/4/2013	N One Mile	Assault	GOA
5/5/2013	S One Mile	Reckless Vehicle	UTL
5/7/2013	Upper Park	Vehicle Burglary	Report Filed No injury, vehicle extinguished
5/8/2013	S One Mile	Vehicle Fire	Transported by Medics
5/9/2013	S One Mile	Fall/Injury	Arrest
5/9/2013	N Five Mile	Warrant	Report Filed
5/10/2013	City Plaza	Assault	Arrest
5/12/2013	City Plaza	Warrant	Arrest
5/13/2013	S One Mile	Warrant	Arrest
5/13/2013	Lindo Channel	Warrant	Arrest
5/13/2013	S One Mile	Assault	GOA
5/13/2013	S One Mile	Drunk in Public/Warrant	Arrest
5/14/2013	S Five Mile	Indecent Exposure	UTL
5/16/2013	Upper Park	Fire	No injury, extinguished
5/17/2013	Upper Park	Dog Bite	Information Exchange
5/19/2013	S One Mile	Petty Theft	Report Filed
5/19/2013	S One Mile	Assault	GOA
5/20/2013	City Plaza	Brandish Knife	Report Filed
5/20/2013	Lindo Channel	Drunk in Public	Arrest
5/20/2013	S One Mile	Drunk in Public	UTL



5/21/2013	City Plaza	Warrant	Arrest
5/21/2013	Upper Park	Vehicle Accident	Transported by Medics
5/22/2013	Lost Park	Drunk in Public	Arrest
5/23/2013	S Five Mile	DUI	Arrest
5/24/2013	Upper Park	City Property Damage/Sign	Report Filed

**Table 6. Monthly Citations and Warnings**

Violation	Monthly			Annual			2012 Trend
	Total Citations	%	Rank	Total Citations	%	Rank	
Alcohol	19	21%	2	33	13%	3	
Animal Control Violations	16	18%	3	36	14%	2	
Bicycle Violation	0	0%	9	3	1%	8	
Glass	9	10%	5	15	6%	6	
Illegal Camping	3	3%	7	30	12%	4	
Injury/Destruction City Property	1	1%	8	2	1%	9	
Littering	0	0%	9	1	0%	10	
Other Violations	4	4%	6	7	3%	7	
Parking Violations	28	31%	1	102	40%	1	
Resist/Delay Park Ranger	0	0%	9	0	0%	11	
Smoking	11	12%	4	23	9%	5	
<b>Totals</b>	91	100%		252	100%		

Violation	Monthly			Annual			2012 Trend
	Total Warnings	%	Rank	Total Warnings	%	Rank	
Alcohol	44	18%	4	118	9%	4	
Animal Control Violations	47	19%	3	267	20%	2	
Bicycle Violation	79	32%	1	484	36%	1	
Glass	2	1%	7	43	3%	8	
Illegal Camping	15	6%	5	44	3%	7	
Injury/Destruction City Property	0	0%	8	0	0%	11	
Littering	0	0%	8	6	0%	9	
Other Violations	0	0%	8	118	9%	4	
Parking Violations	3	1%	6	90	7%	6	
Resist/Delay Park Ranger	0	0%	8	2	0%	10	
Smoking	55	22%	2	160	12%	3	
<b>Totals</b>	245	100%		1332	100%		

**Attachments:** Monthly Dailies Log of Tree Maintenance Hours – May 2013







# **2012 Annual Monitoring Report, Horseshoe Lake Parking Area E**





Mr. Peter MacNicholl  
California Environmental Protection Agency/  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, California 95826-3268

February 7, 2013

RE: 2012 Annual Monitoring Report, Horseshoe Lake Parking Area E,  
MRP No. R5-2005-0049

Dear Mr. MacNicholl,

Chico Environmental (CE) is submitting this 2012 Annual Monitoring Report for the Horseshoe Lake Parking Area E on behalf of the City of Chico's Parks Department.

The Monitoring and Reporting Program (MRP) was prepared to comply with the Post-Closure Maintenance Plan (PCMP) and the Monitoring and Report Program (MRP) for the Conditional Waiver of the Waste Discharge Requirements (WDRs) Order No. R5-2005-0049, issued on March 17<sup>th</sup>, 2005, by the Central Valley Regional Water Quality Control Board (RWQCB). As of September 11, 2012 the Action Workplan Review, dated March 30, 2011, has been approved by the RWQCB and DTSC, thus changing the consolidation cell inspection schedule to biannually (once each during the dry and wet seasons) with quarterly sampling for the swales and the subsurface vault when water is present and annual sampling of the supply well and Horseshoe Lake.

### **2012 Monitoring Report**

Monitoring of the Horseshoe Lake Parking Area E (**Figure 1**) included inspections of the consolidation cell, cover and parking lot, and water sampling as required by and described in the MRP and PCMP.

Below is a summary of the MRP requirements for CE:

#### 1) Facility Monitoring Inspections

- a. Six facility monitoring inspections were conducted, one each month during the rainy season and one each quarter during the dry season, in which the consultant shall visually inspect the monitoring vault during site inspections and document the absence or presence of liquid.

#### 2) Water Sampling

- a. Consultant shall collect water samples from five locations at the site; Horseshoe Lake, water supply well, and, if water is present at the time of the scheduled sampling event, the monitoring vault and the two storm water sampling locations.
- b. Water samples collected shall be subcontracted, by the consultant, to an analytical laboratory.



### 3) Annual Monitoring Report

a. Consultant shall produce one Annual Monitoring Report to report monitoring results to the DTSC and RWQCB. The report shall include site observations, results of quarterly monitoring inspections, a summary of maintenance and repair activities, sampling procedures and laboratory results. The draft Annual Monitoring Report shall be provided to the City for review. Further, the consultant shall then submit the report to the RWQCB and DTSC on the city's behalf, with one copy provided to the city.

b. The consultant shall upload the report and electronic data deliverable (EDD) files to the State's Geotracker database.

### **Cover Inspections**

During 2012, CE performed six inspections of the consolidation cell cover, parking lot and associated drainage features monthly during the rainy season (January – March) and quarterly during the dry season. After September 2012 wet season inspections occurred quarterly (December). CE observed the facilities to be in good condition.

In accordance to inspections made by CE (**Attachment 1**) the City of Chico addressed the following action items:

On May 29, 2012, the City of Chico repaired a part of the fence, around the parking lot, that had been backed into. A new post and two rails were replaced in the fence line. On June 13, 2012, the City of Chico repaired the crusher dust path around the toe of the containment cell by spreading 10 yards of crusher dust over paths. Rodent holes were filled and tramped. The pirate trail off the north side of the containment cell was barricaded. Native grass plugs were planted on the slope below to discourage future off-trail traffic which could compromise the integrity of the cell. On September 9, 2012, the City of Chico again repaired a part of the fence, around the parking lot, that had been backed into. A new post and two rails were replaced in the fence line.

### **Water Sampling**

In 2012, CE monitored and sampled the water in the subsurface vault, the supply well, Horseshoe Lake, and the western stormwater swale as required by the MRP and as described in the PCMP.

**Vault.** The monitoring vault is 3 feet wide by 3 feet long by 3 feet deep and is located at the toe of the consolidated material on the north side of the parking lot (**Figure 2**). The vault contains a riser that provides a maximum measurement of 48 inches from the bottom of the vault to the top of the vault's riser. The vault is connected to approximately 127 linear feet of perforated pipe that drains a subgrade layer of permeable fill located beneath the consolidated soil and debris. The purpose of the permeable subgrade is to allow water that drains from the consolidated materials to accumulate in clean soil, minimizing the time of water contact with the consolidated material. Thus, the intent of the vault is to allow a means to monitor the quality of water that flows beneath the consolidated material.

Vault monitoring occurred in January, February, March, May, July, and December 2012 and consisted of:

- Visually inspecting its condition and measuring the water depth in the vault



- Collecting a water sample or samples during the wet and the dry season, provided that the water depth was sufficient to allow sampling with a bailer (i.e. depths greater than 4 inches as measured from the bottom of the sump). Samples in February, March, April, and December were collected for analysis of all of the following: total lead and dissolved lead. Total lead samples were not filtered but were preserved with acid. Dissolved lead samples were passed through a 0.45-micron filter immediately after sampling and then were preserved with nitric acid. The samples were refrigerated to less than 4 degrees Celsius and transported to Fruit Growers Laboratories, in Chico, California.
- Submitting the samples for analysis of hardness by EPA Method 130.2; total lead and dissolved lead by EPA Method 6020.

CE observed that the vault remained in good operating condition throughout the year. Water was observed in the vault and grab samples were collected on the dates shown in **Table 1**. The vault water depth was observed to be at 43 inches on January 25, 2012; 39 inches on February 21, 2012; 48 inches on March 26, 2012; 2.7 inches on May 24, 2012; and 18 inches on December 14, 2012. After sample analyses were received, any remaining water in the vault was pumped off and discharged at the surface with a centrifugal pump. Neither the total lead nor the dissolved lead samples taken in January, February, March, or December 2012 were detected above the Maximum Contaminant Level (MCL) of 0.015 mg/L. Water depth measurements and the analytical data for the vault are summarized in **Table 1**. The laboratory analytical report and chain-of-custody forms for the 2011 samples are included as **Attachment 2**.

**Supply Well.** A drinking water supply well is located approximately 500 feet southwest of the parking lot (**Figure 2**). Water from the well is pumped from approximately 200 feet below ground surface and piped to the Chico Rod and Gun Club building and drinking fountains at the Horseshoe Lake parking lot.

The MRP requires sampling of this well annually for total and dissolved lead. On July 23, 2012, CE collected a groundwater sample from a sample port at the wellhead while the well was pumping. The supply well was analyzed for both total lead and dissolved lead. The results indicated that both samples were below the Maximum Contaminant Level (MCL) of 0.015 mg/L.

Based on the laboratory results, the sample contained 0.0052 mg/L of total lead and 0.0025 mg/L dissolved lead. The Practical Quantitation Limit (PQL) for total lead was 0.0002 mg/L. The results are presented in **Table 1** and the laboratory report is included as **Attachment 2**.

Furthermore, as an additional service unrelated to this Order the supply well was also tested for both Nitrate and Nitrite during the July sampling event. CE obtained samples of both Nitrate and Nitrite from the supply well. Nitrate was found to be at concentrations of 2.5 mg/L while Nitrite was found to be at non-detectable levels. Nitrite's PQL was 0.3 mg/L; thus, the concentration did not attain this level. Neither of the two samples was above the MCL (45 mg/L Nitrate and 1 mg/L Nitrite).

**Surface Water.** The MRP requires annual sampling of water from Horseshoe Lake and its drainage courses for total lead, dissolved lead, and hardness. On January 27, 2012, CE collected surface water samples. The surface water was tested for total lead and hardness to determine mobility of lead. Due to a filter malfunction the dissolved lead sample was aborted. The results indicated that the total lead sample was below the MCL of 0.015 mg/L.



Based on the laboratory results, the sample contained 0.0111 mg/L of total lead. The Total Hardness as CaCO<sub>3</sub> was 57.1 mg/L. The Practical Quantitation Limit (PQL) for total lead was 0.0002 mg/L. The PQL for hardness was 2.5 mg/L. The results are presented in **Table 1** and the laboratory report is included as **Attachment 2**.

#### CHANGES TO REQUIREMENTS FOR 2013

In 2013, the City of Chico will:

- Biannual cover inspections will be performed by Chico Environmental of the parking lot, landfill cover, slopes where the sides of the cell are exposed above the surrounding land grade, and perimeter drainage features biannually for repair and maintenance needs. The City will perform repairs, as appropriate, based on the results of these inspections.
- Measure the water level in the vault
- Collect annual samples from the vault, supply well and surface water locations.
- Prepare a 2013 Annual Monitoring Report that presents the results of the monitoring described above, and submit the monitoring data into the State Water Resources Control Board's Geotracker database.

The report satisfies the post-closure monitoring requirements as described in the PCMP. Please feel free to contact us at (530) 899-2900 if you have any questions.

Sincerely,

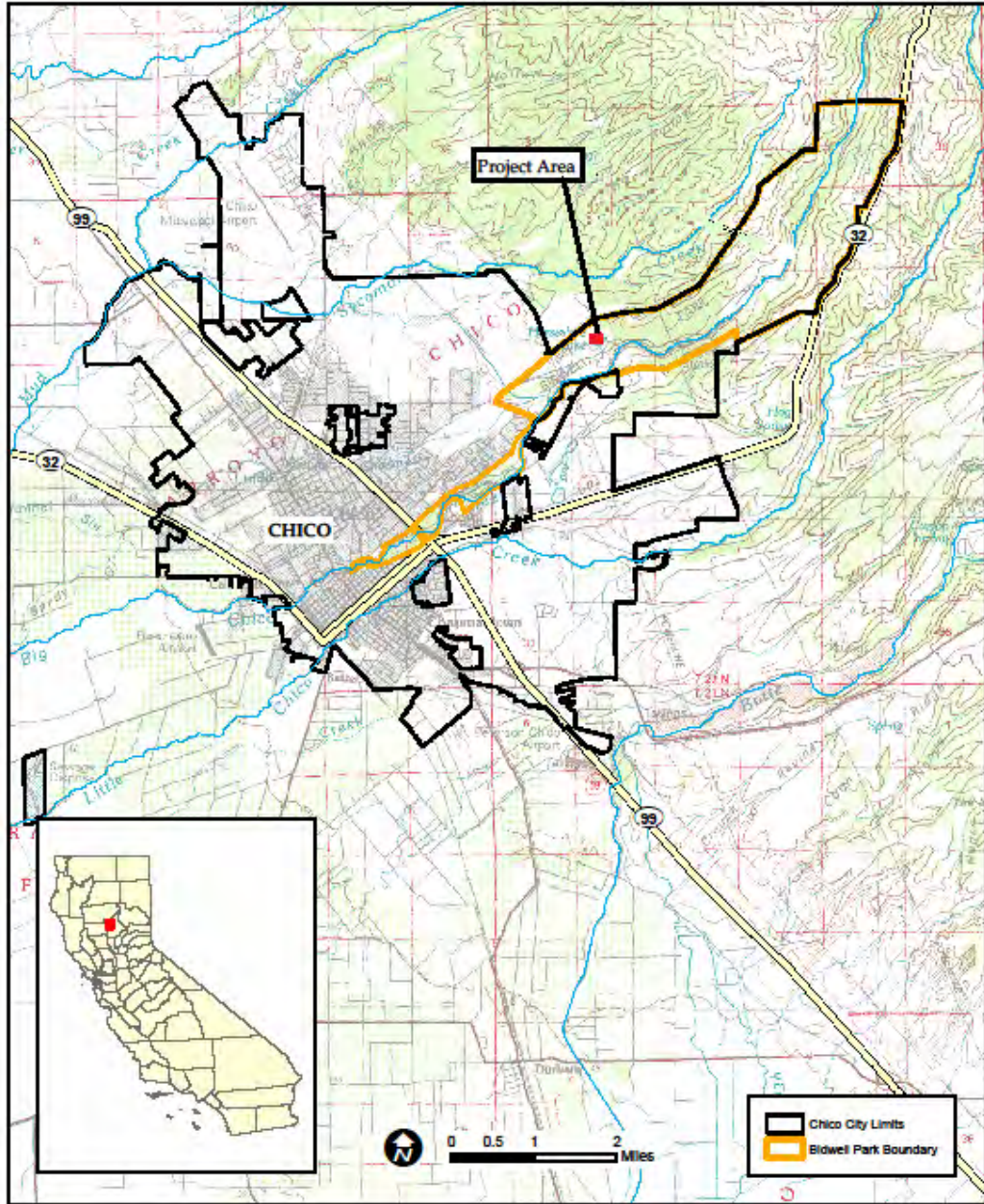


John Lane, PG, REA  
Principal



# Figure 1

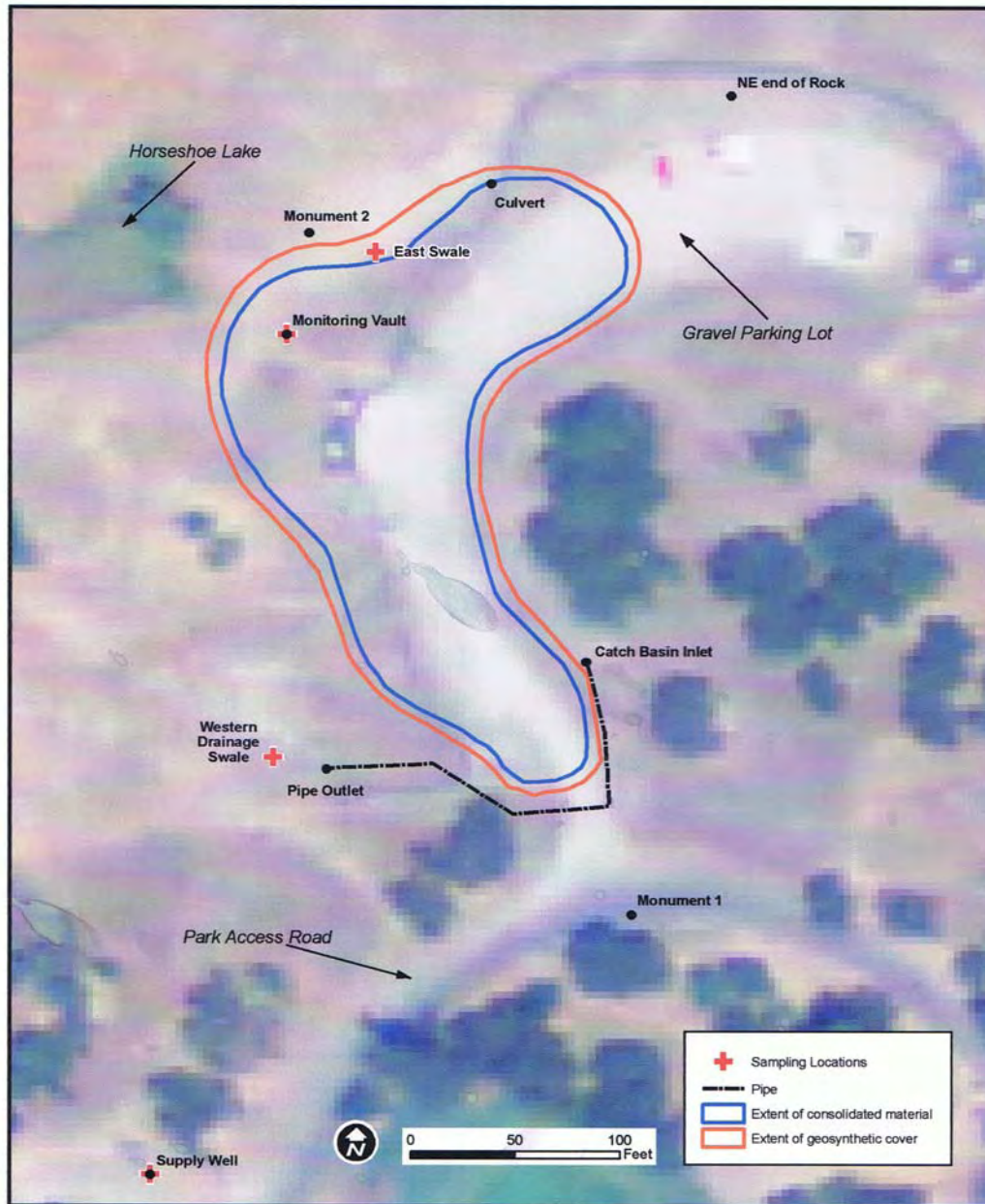
## Site Location Map: Horseshoe Lake





# Figure 2

## Horseshoe Lake Parking Lot Area E



**Figure 2: Sampling Locations**  
**Horseshoe Lake Post-Closure Monitoring**  
Horseshoe Lake Parking Lot Area E  
Bidwell Park, Chico, CA



# **Attachment 1**

## **Horseshoe Lake Inspection Checklists**



# ATTACHMENT 1

## Inspection Checklist Horseshoe Lake Consolidation Cell Bidwell Park, Chico, California

Inspector Abigail Whiffaker Date 01.25.2012

Affiliation Chico Environmental Weather Sunny; rained this morning  
light breeze

### INSTRUCTIONS:

- Note "yes" or "no" for each item
- Provide written descriptions as indicated noting both conditions observed and planned action. For planned actions, complete Table 2.
- Note locations of pertinent observations on attached site plan.
- Photograph areas of issue.

### Yes/No

- yes 1. Is the grass in good condition (free of bare ground or patches of dead grass)? If no, explain and document with photo.  
New grass filling in, given the season, but several new trails/clearings are present around East culvert. Traffic should be discouraged.
- no 2. Does the grass need mowing to allow for proper inspection? If no, explain.  
Native cover protects against erosion and discourages vandalism.
- yes 3. Are Shrubs/ seedlings present? If yes, explain  
Some seedlings have died - ~~1~~ observed which appeared to have failed.
- yes 4. Are there any landfill areas with depressions (exhibiting ponded water after rainfall events)? If yes, explain and document with photo.  
Yes; apron to cell transition needs additional fill, regrading, cell surface otherwise in very good condition.
- yes 5. Are there any washouts (e.g., gullies created by rainwater) or signs of erosion? Is the geotextile fabric marker exposed anywhere? If yes, explain and document with photo.  
Along North-side path, gravel has been eroded and small gullies are forming. One location near Upper trail cutoff on the cutoff, cloth exposed and torn. May not be geotextile.



ATTACHMENT 1 (CONT'D)

6. Are drainage controls in good condition (e.g., silt fencing, erosion mat)? If no, explain and document with photo.  
*Erosion mat exposed and deteriorating on West-facing slope in multiple places. Alcatraz pile edge exposed in front of path access beyond outhouses on east side.*
7. Are the swales and culvert in good condition (e.g., clear of obstructions)? If no, explain and document with photo.  
*No East side culvert clear, functioning well. Rock intact. West culvert functioning well and appears clear. Some rock has been replaced near mouth, but channel is eroding; no little rock.*
8. Is water present in the monitoring sump? If yes, indicate if water is flowing or ponded and, estimate approximate volume and/or flow rate. Indicate if a water sample was collected.  
*ponded, ~ 43" present. Sample was not collected at inspection, but will be this week. Shown no pond on surface.*
9. Is the parking lot surface in good condition? If no, explain.  
*Yes; recently regravelled.*
10. Are there signs of animals burrowing or any other type of animal-related disturbance within the landfill area? If yes, explain.  
*Some burrows on North path by Upper Trail cut-off - appeared to have flooded. Some activity under picnic table. One fresh burrow on North path.*
11. Is there anything unusual on the landfill grounds (e.g., signs of fire, digging or other disturbance of soil)? If yes, explain.  
*New private trail appearing below picnic area on the north side, crossing drainage swale. Some rock disturbance. Another further west. Some appeared to have been cleared - around.*
12. Are the benchmarks still in good condition? If no, explain.  
*Lake was very cloudy/muddy, and there were clear signs of sheet flow off surrounding landscape*

This is disarray  
Another trail  
on western  
slope. Pre-  
trail off  
West path  
has been  
well blank





Photo 1: Exposed soil around catch basin insert.



Photo 2: Evidence of erosion along main footpath.



Photo 3: Ponding water in pot hole near parking lot entrance.



Photo 4: Tree branch debris along western edge of landfill area.



Photo 5: Pipe outlet overview (ponded water, sample not collected)



Photo 6: Landfill overview (view west)



ATTACHMENT 1

Inspection Checklist  
Horseshoe Lake Consolidation Cell  
Bidwell Park, Chico, California

Inspector Kevin Cordes Date 2/21/12

Affiliation Chico Environmental Weather overcast ~65°F

INSTRUCTIONS:

- Note "yes" or "no" for each item
- Provide written descriptions as indicated noting both conditions observed and planned action. For planned actions, complete Table 2.
- Note locations of pertinent observations on attached site plan.
- Photograph areas of issue.

Yes/No

- no 1. Is the grass in good condition (free of bare ground or patches of dead grass)? If no, explain and document with photo.  
Somewhat sparse, mainly on the western slope.  
A few bare patches
- no 2. Does the grass need moving to allow for proper inspection? If no, explain.  
\_\_\_\_\_  
\_\_\_\_\_
- no 3. Are Shrubs/ seedlings present? If yes, explain.  
\_\_\_\_\_  
\_\_\_\_\_
- no 4. Are there any landfill areas with depressions (exhibiting ponded water after rainfall events)? If yes, explain and document with photo.  
\_\_\_\_\_  
\_\_\_\_\_
- no 5. Are there any washouts (e.g., gullies created by rainwater) or signs of erosion? Is the geotextile fabric marker exposed anywhere? If yes, explain and document with photo.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



ATTACHMENT 1 (CONT'D)

yes 6. Are drainage controls in good condition (e.g., silt fencing, erosion mat)? If no, explain and document with photo.

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yes 7. Are the swales and culvert in good condition (e.g., clear of obstructions)? If no, explain and document with photo.

---

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yes 8. Is water present in the monitoring sump? If yes, indicate if water is flowing or ponded and, estimate approximate volume and/or flow rate. Indicate if a water sample was collected.

depth of water = 39", ponded

yes 9. Is the parking lot surface in good condition? If no, explain.

---

---

yes 10. Are there signs of animals burrowing or any other type of animal-related disturbance within the landfill area? If yes, explain.

Signs of burrowing on western slope

no 11. Is there anything unusual on the landfill grounds (e.g., signs of fire, digging or other disturbance of soil)? If yes, explain.

---

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yes 12. Are the benchmarks still in good condition? If no, explain.

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Photo 1: Eastern slope of landfill area overview. Vegetation is in great condition and there's no evidence of erosion.



Photo 2: Evidence of efforts made to reduce erosion along opportunistic trails (western slope).



Photo 3: New cobbles near northernmost culvert.



Photo 4: Western slope of landfill area overview. Vegetation is patchy and dormant.



Photo 5: Parking lot entrance (view north) exhibiting potholes.



Photo 6: Panel of broken fencing near parking area entrance.



**ATTACHMENT 1**

**Inspection Checklist**  
Horseshoe Lake Consolidation Cell  
Bidwell Park, Chico, California

Inspector John Lane Date 3/26/12

Affiliation CE Weather Overcast ~ 50°F

**INSTRUCTIONS:**

- Note "yes" or "no" for each item
- Provide written descriptions as indicated noting both conditions observed and planned action. For planned actions, complete Table 2.
- Note locations of pertinent observations on attached site plan.
- Photograph areas of issue.

**Yes/No**

Yes 1. Is the grass in good condition (free of bare ground or patches of dead grass)? If no, explain and document with photo.

NO 2. Does the grass need moving to allow for proper inspection? If no, explain.

NO 3. Are Shrubs/ seedlings present? If yes, explain.

No 4. Are there any landfill areas with depressions (exhibiting ponded water after rainfall events)? If yes, explain and document with photo.

Yes 5. Are there any washouts (e.g., gullies created by rainwater) or signs of erosion? Is the geotextile fabric marker exposed anywhere? If yes, explain and document with photo.  
fabric exposed in areas shown on map.



ATTACHMENT 1 (CONT'D)

yes 6. Are drainage controls in good condition (e.g., silt fencing, erosion mat)? If no, explain and document with photo.

\_\_\_\_\_

\_\_\_\_\_

yes 7. Are the swales and culvert in good condition (e.g., clear of obstructions)? If no, explain and document with photo.

\_\_\_\_\_

\_\_\_\_\_

yes 8. Is water present in the monitoring sump? If yes, indicate if water is flowing or ponded and, estimate approximate volume and/or flow rate. Indicate if a water sample was collected.

ponded @ 48"

\_\_\_\_\_

yes 9. Is the parking lot surface in good condition? If no, explain.

\_\_\_\_\_

\_\_\_\_\_

yes 10. Are there signs of animals burrowing or any other type of animal-related disturbance within the landfill area? If yes, explain.

Gopher holes

\_\_\_\_\_

No 11. Is there anything unusual on the landfill grounds (e.g., signs of fire, digging or other disturbance of soil)? If yes, explain.

\_\_\_\_\_

\_\_\_\_\_

yes 12. Are the benchmarks still in good condition? If no, explain.

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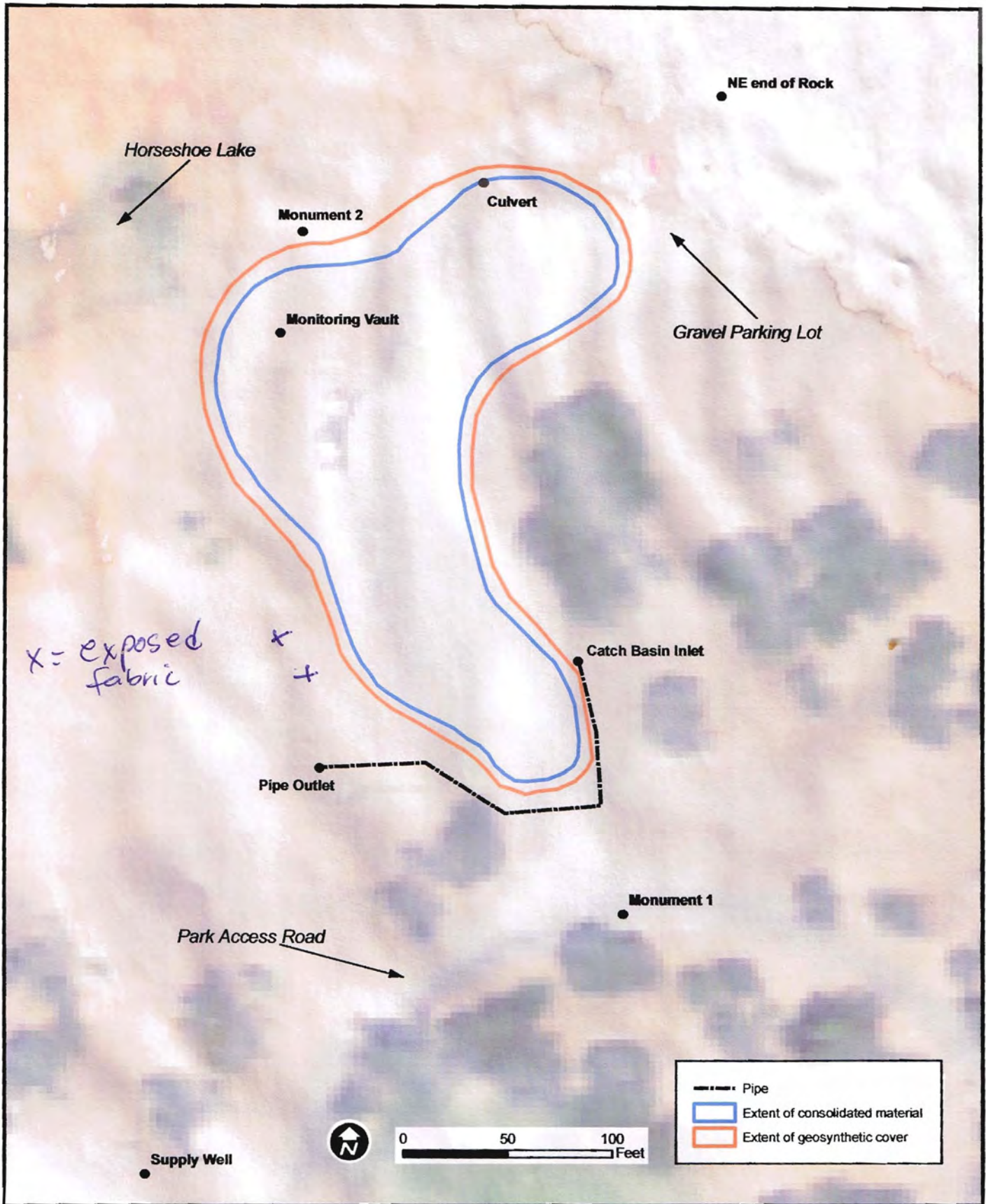






Photo 1: Damaged signage on east side of parking lot.



Photo 2: Rodent burrowing by riprap on north-facing slope. Activity was also observed near the northern path and on the west-facing side.



Photo 3: Deteriorating road surface and transition to parking lot apron.



Photo 4: Established pirate trails down northwest-facing slope of containment cell, below parking lot.



Photo 5: Broken signpost along southeastern shore of Horseshoe Lake.



Photo 6: Exposed geotextile cloth on west-facing slope of the cell.



ATTACHMENT 1

Inspection Checklist  
Horseshoe Lake Consolidation Cell  
Bidwell Park, Chico, California

Inspector Kevin Cordes Date 05.24.2012

Affiliation Abigail Wittaker  
Chico Environmental SPP Weather Sunny; strong breeze

INSTRUCTIONS:

- Note "yes" or "no" for each item
- Provide written descriptions as indicated noting both conditions observed and planned action. For planned actions, complete Table 2.
- Note locations of pertinent observations on attached site plan.
- Photograph areas of issue.

Yes/No

yes 1. Is the grass in good condition (free of bare ground or patches of dead grass)? If no, explain and document with photo.

no 2. Does the grass need moving to allow for proper inspection? If no, explain.

If protects from tampering or vandalism

yes 3. Are Shrubs/seedlings present? If yes, explain.

drainage features

yes 4. Are there any landfill areas with depressions (exhibiting ponded water after rainfall events)? If yes, explain and document with photo.

erosion and pot hole at apron road

yes 5. Are there any washouts (e.g., gullies created by rainwater) or signs of erosion? Is the geotextile fabric marker exposed anywhere? If yes, explain and document with photo.

Geotextile exp. exposed on west trail on the way to drinking fountain; west side needs more rock to cover bare soil in drainage to Lake



ATTACHMENT 1 (CONT'D)

yes 6. Are drainage controls in good condition (e.g., silt fencing, erosion mat)? If no, explain and document with photo.

\_\_\_\_\_  
\_\_\_\_\_

yes 7. Are the swales and culvert in good condition (e.g., clear of obstructions)? If no, explain and document with photo.

\_\_\_\_\_  
\_\_\_\_\_

yes 8. Is water present in the monitoring sump? If yes, indicate if water is flowing or ponded and, estimate approximate volume and/or flow rate. Indicate if a water sample was collected.

2.7" - static. Not enough to sample.

yes 9. Is the parking lot surface in good condition? If no, explain.

\_\_\_\_\_  
\_\_\_\_\_

yes 10. Are there signs of animals burrowing or any other type of animal-related disturbance within the landfill area? If yes, explain.

along north and west side paths - multiple holes

no/yes 11. Is there anything unusual on the landfill grounds (e.g., signs of fire, digging or other disturbance of soil)? If yes, explain.

pirate trail off north side of lot at picnic area.

yes 12. Are the benchmarks still in good condition? If no, explain.

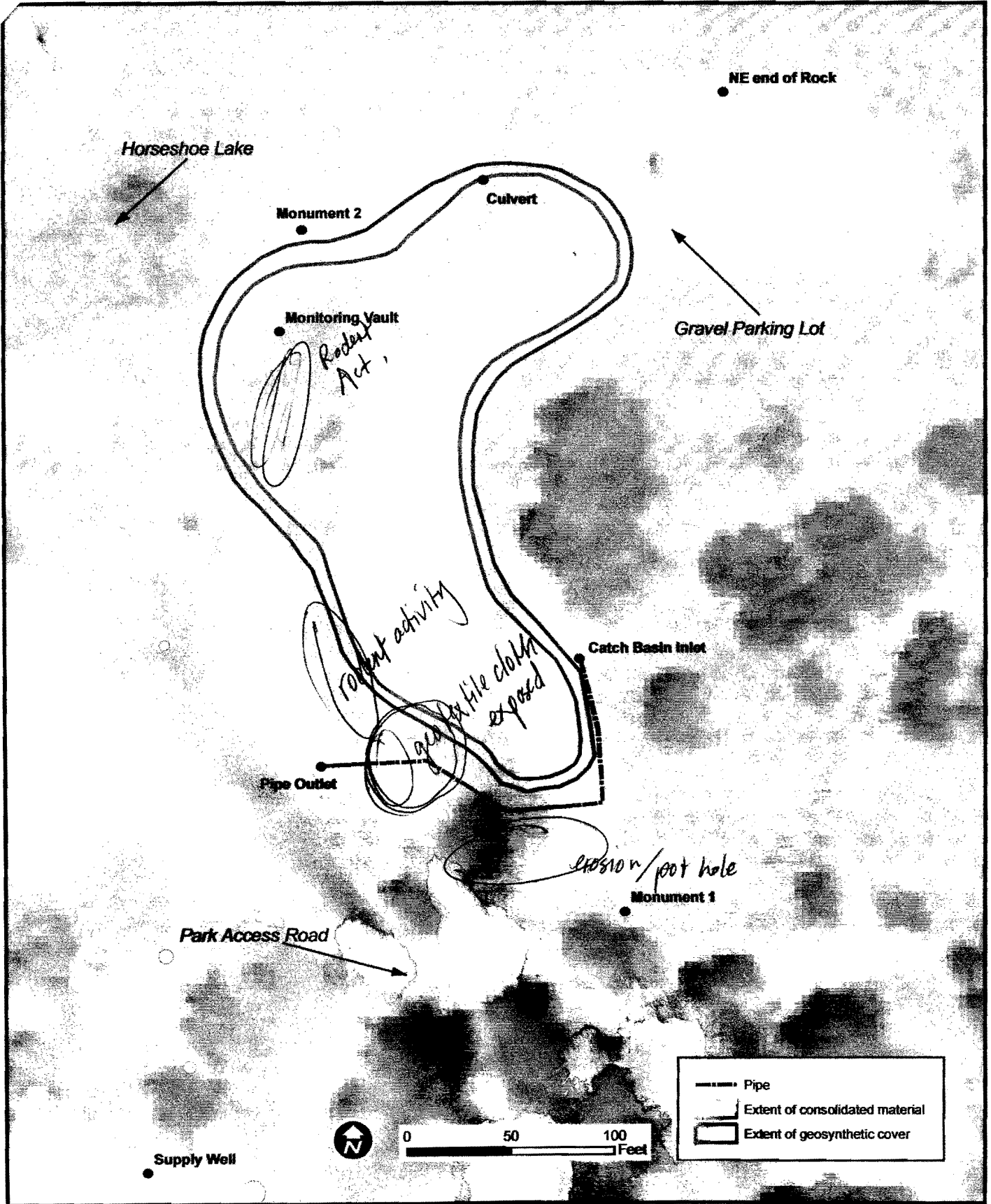
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**Chico Environmental Science and Planning**

www.chicoenvironmental.com

**Horseshoe Lake Post-Closure Monitoring**  
 Horseshoe Lake Parking Lot Area E  
 Bidwell Park, Chico, CA





Photo 1: Burrowing along the trail on the west side of the parking lot



Photo 2: More rodent activity by the picnic tables at the western corner of the parking lot



Photo 3: Pothole at the parking lot entrance



Photo 4: Possibility of erosion due to channelized runoff at the entrance to the parking lot



Photo 5: Erosion control cloth is exposed on the trail west of the parking lot



Photo 6: Channel from the west side culvert which may be vulnerable to increased erosion



ATTACHMENT 1

Inspection Checklist  
Horseshoe Lake Consolidation Cell  
Bidwell Park, Chico, California

Inspector Kevin Cordes Date 7/23/2012

Affiliation Chico Environmental Weather partly cloudy, hot

INSTRUCTIONS:

- Note "yes" or "no" for each item
- Provide written descriptions as indicated noting both conditions observed and planned action. For planned actions, complete Table 2.
- Note locations of pertinent observations on attached site plan.
- Photograph areas of issue.

Yes/No

- yes 1. Is the grass in good condition (free of bare ground or patches of dead grass)? If no, explain and document with photo.  
mostly good condition; some bare soil on the southwest side of the parking lot near the handicapped parking spaces
- no 2. Does the grass need mowing to allow for proper inspection? If no, explain.  
grass is dry, short enough to see the site clearly
- no 3. Are Shrubs/ seedlings present? If yes, explain.  
there are only dried grasses; no new plant life
- no 4. Are there any landfill areas with depressions (exhibiting ponded water after rainfall events)? If yes, explain and document with photo.
- yes 5. Are there any washouts (e.g., gullies created by rainwater) or signs of erosion? Is the geotextile fabric marker exposed anywhere? If yes, explain and document with photo.  
geotextile fabric is exposed on a northwest path near monument 2 and on a path next to the drinking fountain southwest of the parking lot.



ATTACHMENT 1 (CONT'D)

yes 6. Are drainage controls in good condition (e.g., silt fencing, erosion mat)? If no, explain and document with photo.

\_\_\_\_\_  
\_\_\_\_\_

yes 7. Are the swales and culvert in good condition (e.g., clear of obstructions)? If no, explain and document with photo.

The end of the southwest pipe outlet is in good condition, but ripples are forming closer ~~the~~ to horseshoe lake.

yes 8. Is water present in the monitoring sump? If yes, indicate if water is flowing or ponded and, estimate approximate volume and/or flow rate. Indicate if a water sample was collected.

ponded; no sample was collected; ~~water is~~  
~~the~~

yes 9. Is the parking lot surface in good condition? If no, explain.

mostly in good condition. There is a pothole by the parking lot entrance. There is also a depression near the fence that may lead to erosion of the roadway.

yes 10. Are there signs of animals burrowing or any other type of animal-related disturbance within the landfill area? If yes, explain.

There are several animal burrows under the picnic tables and on a southwest path

no 11. Is there anything unusual on the landfill grounds (e.g., signs of fire, digging or other disturbance of soil)? If yes, explain.

\_\_\_\_\_  
\_\_\_\_\_

yes 12. Are the benchmarks still in good condition? If no, explain.

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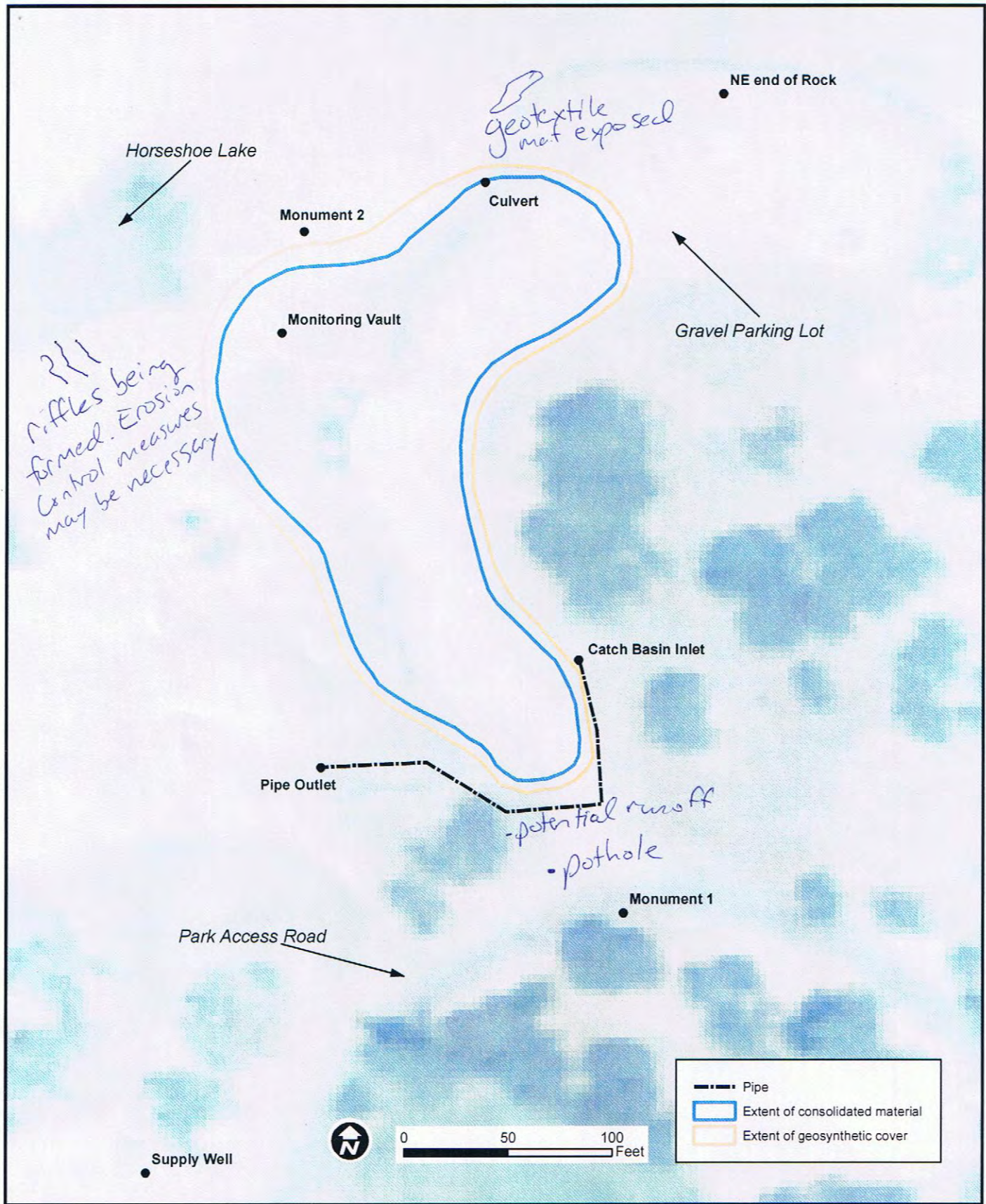






Photo 1: Multiple rodent burrows can be seen southwest of the parking lot on the path and under the picnic benches near the handicapped parking area.



Photo 2: A pothole is present at the entrance to the parking area.



Photo 3: Either geotextile matting or weed barrier cloth is exposed on a southwest path next to the drinking fountain.



Photo 4: Sections of geotextile mat or weed barrier cloth is exposed near monument 2.



Photo 5: The "revegetated area" sign may need to be replaced. Foot and bike traffic, however, is not apparent.



Photo 6: Paths cut through this fenced off area on the west side of the parking lot near the monitoring sump. These paths can lead to erosion.



ATTACHMENT 1

Inspection Checklist

Horseshoe Lake Consolidation Cell  
Bidwell Park, Chico, California

Inspector Kevin Cordes Date 12/14/12

Affiliation Chico Environmental Weather cloudy, cold

INSTRUCTIONS:

- Note "yes" or "no" for each item
- Provide written descriptions as indicated noting both conditions observed and planned action. For planned actions, complete Table 2.
- Note locations of pertinent observations on attached site plan.
- Photograph areas of issue.

Yes/No

- yes 1. Is the grass in good condition (free of bare ground or patches of dead grass)? If no, explain and document with photo.  
except for a few patches southwest of the parking lot. Geotextile fabric is exposed in these areas
- no 2. Does the grass need moving to allow for proper inspection? If no, explain.  
\_\_\_\_\_  
\_\_\_\_\_
- yes 3. Are Shrubs/ seedlings present? If yes, explain.  
there are several trees that were planted on the east side of the parking lot. They are 3' to 4' tall
- no 4. Are there any landfill areas with depressions (exhibiting ponded water after rainfall events)? If yes, explain and document with photo.  
\_\_\_\_\_  
\_\_\_\_\_
- yes 5. Are there any washouts (e.g., gullies created by rainwater) or signs of erosion? Is the geotextile fabric marker exposed anywhere? If yes, explain and document with photo.  
geotextile fabric is exposed in multiple places along the incline to the west and the southwest of the parking lot.



ATTACHMENT 1 (CONT'D)

- yes 6. Are drainage controls in good condition (e.g., silt fencing, erosion mat)? If no, explain and document with photo.  
clogged drains at the pipe inlet and outlet on the south side of the parking lot may become an issue over time. Some dirt and grass is caught in the outlet.
- yes 7. Are the swales and culvert in good condition (e.g., clear of obstructions)? If no, explain and document with photo.  
a few small obstructions, but nothing serious
- yes 8. Is water present in the monitoring sump? If yes, indicate if water is flowing or ponded and, estimate approximate volume and/or flow rate. Indicate if a water sample was collected.  
The water is ponded at about 18" below deep from the sump cap. Dissolved lead and Total Lead samples were collected.
- yes 9. Is the parking lot surface in good condition? If no, explain.
- yes 10. Are there signs of animals burrowing or any other type of animal-related disturbance within the landfill area? If yes, explain.  
Multiple burrows along the incline to the west and southwest of the parking lot. Some burrows go through the geotextile fabric.
- no 11. Is there anything unusual on the landfill grounds (e.g., signs of fire, digging or other disturbance of soil)? If yes, explain.
- yes 12. Are the benchmarks still in good condition? If no, explain.





Photo 1: Rodent burrow through landscaping fabric near monitoring sump.



Photo 2: Exposed landscaping fabric along western landfill area.



Photo 3: Monitoring sump with cap removed (depth to water approximately 18 inches).



Photo 4: Foot paths along western side of parking lot, displaying early signs of erosion.



Photo 5: Minor obstructions in drain outlet on south side of parking lot.



Photo 6: Exposed landscaping cloth along gravel path (outside landfill area).



## **Attachment 2**

### **Horseshoe Lake Lab Reports and Results**



**CLIENT DETAILS SECTION I**

Client: Chico Environmental Science/plng  
 New Customer Customer Number: 7001378  
 Address: 333 Main St., Suite 260  
Chico, CA 95928  
 Phone: 530.899.2900 FAX: 530.899.2754  
 E-Mail: jlane@chicoenvironmental.com  
 Project name: Horseshoe Lake  
 Contact person: John Lane  
 Billing Information (if different from above)  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ FAX: \_\_\_\_\_  
 E-Mail: \_\_\_\_\_  
 Contact person: \_\_\_\_\_  
 Purchase order/contract/FGL quote number: \_\_\_\_\_  
 Pre Log Required: yes \_\_\_\_\_ Frequency: Monthly  Weekly  Quarterly   
 Other: once

**SAMPLING SECTION II**

Sampler (s): Abigail Whittaker  
 Comp Sampler Set up Date: 01.27.12 Time: \_\_\_\_\_  
 Time: \_\_\_\_\_ Mileage: \_\_\_\_\_  
 Shipping Charge: \_\_\_\_\_ Pickup Charge: \_\_\_\_\_

**REPORT INFORMATION SECTION III**

Rush Analysis (surcharge will apply):  
 5 Day  4 Day  3 Day  
 2 Day  24 hour  
 Rush pre-approval by lab: \_\_\_\_\_  
 Electronic Data Transfer: yes \_\_\_\_\_ no \_\_\_\_\_  
 If yes, To: State \_\_\_\_\_ Client \_\_\_\_\_ Other \_\_\_\_\_  
 Lab number: 1270545

**SAMPLE INFORMATION SECTION IV**

Sample Number	Location/Description	Date Sampled	Time Sampled
<u>N1</u>	<u>Horseshoe Lake - Monitoring Vault</u>	<u>01.27.12</u>	<u>2:05p</u>
<u>N2</u>	<u>Horseshoe Lake - Monitoring Vault</u>	<u>01.27.12</u>	<u>2:10p</u>
<u>N3</u>	<u>Horseshoe Lake - Lake Surface</u>	<u>01.27.12</u>	<u>2:25p</u>
<u>N4</u>	<u>Horseshoe Lake - Lake Surface</u>	<u>01.27.12</u>	<u>2:25p</u>
<u>N5</u>	<u>Horseshoe Lake - Lake Surface</u>	<u>01.27.12</u>	<u>2:25p</u>

HSL V/D  
per Abigail Whittaker 2-21-12 GMDA

Type of Sampling: Composite(C) Grab(G)	Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metal Tube (P) Potable (NP) Non-Potable	(SW) Surface Water	(MW) Monitoring Well	(TB) Travel Blank (AgW) Ag Water	(GW) Ground Water	(DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	Bact: (Sys) System (SRC) Source (W) Waste	Bact: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL)	(LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce	Preservative: (1) NaOH + ZnAc. (2) NaOH, (3) HCl, (4) H2SO4 (5) HNO3 (6) Na2S2O3, (7) Other	ANALYSES REQUESTED
<input checked="" type="checkbox"/>	1	P NP	MW	/	/	/	/	/	/	/	/	(5)	<u>Field Filtered - 45 micron</u> <u>6020 Diss. Ph. - pres. HNO3</u> <u>6020 Total Ph. - pres. HNO3</u> <u>Hardness (unpreserved)</u>
<input checked="" type="checkbox"/>	1	P NP	MW	/	/	/	/	/	/	/	/	(5)	
<input checked="" type="checkbox"/>	1	P AP	SW	/	/	/	/	/	/	/	/	(5)	
<input checked="" type="checkbox"/>	1	P AP	SW	/	/	/	/	/	/	/	/	(5)	
<input checked="" type="checkbox"/>	1	P AP	SW	/	/	/	/	/	/	/	/	(5)	

**REMARKS SECTION V**

Need digital results, formatted for Geotracker upload.

**CUSTODY SECTION VI**

Relinquished by and subject to the terms and conditions on the reverse of this document:  
 Date 01.27.12 Time 2:55p  
 Received by: CP Date \_\_\_\_\_ Time \_\_\_\_\_  
 Relinquished by: CP Date 1-27-12 Time 1200  
 Received by: ondrao Date \_\_\_\_\_ Time \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Received by: ONDRAO Date 1/28 Time 1255  
 Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Received by: ONDRAO Date 1/28/12 Time 1255



### Chico - Condition Upon Receipt (Attach to COC)

#### Sample Receipt at CH:

1. Number of ice chests/packages received: 072
2. Were samples received in a chilled condition? Temps: RRT / / / /  
Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
3. Do the number of bottles received agree with the COC?  Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
5. Were sample custody seals intact?  N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.

Sample Receipt Review completed by (initials): CP

#### Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 3 / / / /  
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC?  Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
4. Were sample custody seals intact?  N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

#### Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable?  Yes No
2. Did bottle labels correspond with the client's ID's?  Yes No
3. Were all bottles requiring sample preservation properly preserved?  Yes No N/A FGL
4. VOA's Checked for Headspace?  Yes No N/A
5. Were all analyses within holding times at time of receipt?  Yes No
6. Have rush or project due dates been checked and accepted?  N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [Signature]

#### Discrepancy Documentation:

- Any items above which are "No" or do not meet speci
1. Person Contacted: \_\_\_\_\_  
Initiated By: \_\_\_\_\_  
Problem: \_\_\_\_\_  
Resolution: \_\_\_\_\_



February 22, 2012

**Chico Environmental Science**  
333 Main St Suite 260  
Chico, CA 95928

Lab ID : CH 1270545  
Customer : 7-1398

### Laboratory Report

**Introduction:** This report package contains total of 7 pages divided into 3 sections:

Case Narrative (2 pages) : An overview of the work performed at FGL.  
Sample Results (4 pages) : Results for each sample submitted.  
Quality Control (1 page) : Supporting Quality Control (QC) results.

### Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
VLT-FLDNON	01/27/2012	01/27/2012	CH 1270545-001	MW
VLT-FLDNON	01/27/2012	01/27/2012	CH 1270545-002	MW
VLT-FLDFIL	01/27/2012	01/27/2012	CH 1270545-003	SW
VLT-FLDFIL	01/27/2012	01/27/2012	CH 1270545-004	SW

**Sampling and Receipt Information:** All samples were received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

**Quality Control:** All samples were prepared and analyzed according to the following tables:

### Inorganic - Metals QC

200.7	02/01/2012:201648 All analysis quality controls are within established criteria
200.8	02/01/2012:201599 All analysis quality controls are within established criteria
	02/03/2012:201767 All analysis quality controls are within established criteria
	02/01/2012:201166 All preparation quality controls are within established criteria
3010	02/01/2012:201164 All preparation quality controls are within established criteria
	02/03/2012:201285 All preparation quality controls are within established criteria





February 22, 2012  
Chico Environmental Science

Lab ID : CH 1270545  
Customer : 7-1398


**Discussion of Analytical Results:** Amended Report

Report amended to show corrected sample location descriptions.

**Certification::** I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**

 Signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2012/02/22



February 22, 2012

Lab ID : CH 1270545-001

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : January 27, 2012-14:05

Sampled By : Abigail Whittaker

Received On : January 27, 2012-14:55

Matrix : Monitoring Well

Description : VLT-FLDNON

Project : Horseshoe Lake

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Diss<sup>P:1</sup></b>								
Lead	0.5	0.2	ug/L		200.8	02/01/12:201166	200.8	02/01/12:201599

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO3 pH < 2 ‡ Surrogate. \* PQL adjusted for dilution.







February 22, 2012

**Chico Environmental Science**  
 333 Main St Suite 260  
 Chico, CA 95928

Description : VLT-FLDNON  
 Project : Horseshoe Lake

Lab ID : CH 1270545-002  
 Customer ID : 7-1398

Sampled On : January 27, 2012-14:10  
 Sampled By : Abigail Whittaker  
 Received On : January 27, 2012-14:55  
 Matrix : Monitoring Well

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b> <sup>P:15</sup>								
Lead	0.0014	0.0002	mg/L		3010	02/03/12:201285	200.8	02/03/12:201767

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO3 pH < 2 ±Surrogate. \* PQL adjusted for dilution.





February 22, 2012

Lab ID : CH 1270545-003

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : January 27, 2012-14:25

Sampled By : Abigail Whittaker

Received On : January 27, 2012-14:55

Matrix : Surface Water

Description : VLT-FLDFIL

Project : Horseshoe Lake

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b> <sup>P:15</sup>								
Lead	0.0111	0.0002	mg/L		3010	02/03/12:201285	200.8	02/03/12:201767

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO3 pH < 2 ± Surrogate. \* PQL adjusted for dilution.





February 22, 2012

Lab ID : CH 1270545-004

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : January 27, 2012-14:15

Sampled By : Abigail Whittaker

Received On : January 27, 2012-14:55

Matrix : Surface Water

Description : VLT-FLDFIL

Project : Horseshoe Lake

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total<sup>P:1</sup></b>								
Total Hardness as CaCO3	57.1	2.5	mg/L		3010	02/01/12:201164	200.7	02/01/12:201648
Calcium	13	1	mg/L		3010	02/01/12:201164	200.7	02/01/12:201648
Magnesium	6	1	mg/L		3010	02/01/12:201164	200.7	02/01/12:201648

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO3 pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





February 22, 2012  
 Chico Environmental Science

Lab ID : CH 1270545  
 Customer : 7-1398

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Calcium	200.7	02/01/12:201648AC	CCV	ppm	25.00	103 %	90-110	
			CCB	ppm		0.009	1.0	
			CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		0.002	1.0	
Magnesium	200.7	02/01/12:201648AC	CCV	ppm	25.00	103 %	90-110	
			CCB	ppm		0.003	1.0	
			CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		0.002	1.0	
Lead	200.8	(VI 1240183-001)	MS	ug/L	5.000	103 %	75-125	
			MSD	ug/L	5.000	102 %	75-125	
			MSRPD	ug/L	4.992	0.4 %	≤20	
	200.8	02/01/12:201599ac	CCV	ppb	120.0	97.8 %	90-110	
			CCB	ppb		-0.002	0.2	
			CCV	ppb	120.0	97.5 %	90-110	
	200.8	02/03/12:201767AC	CCB	ppb		-0.009	0.2	
			ICV	ppb	120.0	99.6 %	90-110	
			ICB	ppb		0.008	0.2	
200.8	02/03/12:201767AC	CCV	ppb	120.0	99.7 %	90-110		
		CCB	ppb		0.095	0.2		
		CCB	ppb		0.095	0.2		
Calcium	3010	02/01/12:201164amb  (CC 1280258-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	102 %	85-115	
			MS	mg/L	12.00	163 %	<¼	
			MSD	mg/L	12.00	146 %	<¼	
			MSRPD	mg/L	0.7988	1.3 %	≤20.0	
			PDS	mg/L	12.00	24.7 %	75-125	P
Lead	3010	02/03/12:201285amb  (CH 1270545-003)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	103 %	85-115	
			MS	ug/L	40.00	94.6 %	75-125	
			MSD	ug/L	40.00	109 %	75-125	
			MSRPD	ug/L	39.94	11.0 %	≤20.0	
			PDS	ug/L	40.00	103 %	75-125	
Magnesium	3010	02/01/12:201164amb  (CC 1280258-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	99.9 %	85-115	
			MS	mg/L	12.00	125 %	75-125	
			MSD	mg/L	12.00	121 %	75-125	
			MSRPD	mg/L	0.7988	1.2 %	≤20.0	
			PDS	mg/L	12.00	94.0 %	75-125	

Definition	
ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
<¼	: High Sample Background - Spike concentration was less than one fourth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.







**CHAIN OF CUSTODY  
AND ANALYSIS REQUEST DOCUMENT**

Client: <b>Chico Environmental Science</b> Customer Number: <b>7001398</b> Address: <b>333 Main St Suite 260 Chico, CA 95928</b>  Phone: (530)899-2900 Fax: (530)899-2754 Contact Person: <b>John Lane</b> Project Name: Purchase Order Number: Quote Number:				Lab Number: <b>1271048</b>		TEST DESCRIPTION AND ANALYSES REQUESTED																								
				Method of Sampling: <b>Composita (C) Grab (G)</b>		Number of Containers Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metal Tube Potable (P) Non-Potable (NP) Ag Water (AgW) (SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (WW) Waste Water (DW) Drinking Water (S) Soil (SL) Sludge (SLO) Sed (O) Od Bact. (Sys) System (SRC) Source (W) Waste Bact. (ROUT) Routine (RPT) Repeat (OTH) Other (RPL) Replace (LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other <b>dissolved lead (filtered) 250ml</b> <b>total lead 250ml</b>																								
Sampler(s): <b>Kevin Cordes Abigail Whitaker</b>  Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: _____ Time: _____																														
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Number of Containers	Type of Containers	Potable	SW	MW	GW	TB	WW	DW	S	Bact.	Bact.	LT	Preservative	(4)	(5)	(6)	(7)	Other							
<del>W1</del>	<del>W1 HSL VD</del>	<del>2/21/12</del>	<del>14:15</del>	<del>G</del>	<del>1</del>	<del>P</del>	<del>NP</del>	<del>SW</del>										<del>5</del>	<del>X</del>											
<del>W2</del>	<del>W2 HSL VD</del>	<del>2/21/12</del>	<del>14:15</del>	<del>G</del>	<del>1</del>	<del>P</del>	<del>NP</del>	<del>SW</del>										<del>5</del>		<del>X</del>										
Remarks: <b>Need Results formatted for Geo tracker</b>				Relinquished			Date			Time			Relinquished			Date			Time			Relinquished			Date			Time		
				Relinquished By: <b>ML</b> Date: <b>2/21/12</b> Time: <b>14:50</b>			Relinquished By: <b>CP</b> Date: <b>2.21.12</b> Time: <b>1700</b>			Relinquished By: <b>[Signature]</b> Date: <b>[Signature]</b> Time: <b>[Signature]</b>																				
				Received By:			Date			Time			Received By:			Date			Time			Received By:			Date			Time		
				Received By: <b>CP</b> Date: <b>[Signature]</b> Time: <b>[Signature]</b>			Received By: <b>[Signature]</b> Date: <b>[Signature]</b> Time: <b>[Signature]</b>			Received By: <b>[Signature]</b> Date: <b>[Signature]</b> Time: <b>[Signature]</b>																				



1271048

### Chico - Condition Upon Receipt (Attach to COC)

#### Sample Receipt at CH:

1. Number of ice chests/packages received: 02
2. Were samples received in a chilled condition? Temps: 20 / 1 / 1 / 1 / 1  
Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC?  Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
5. Were sample custody seals intact?  N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.

Sample Receipt Review completed by (initials): CP

#### Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 3 / 1 / 1 / 1 / 1  
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC?  Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
4. Were sample custody seals intact?  N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

#### Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable?  Yes No
2. Did bottle labels correspond with the client's ID's?  Yes No
3. Were all bottles requiring sample preservation properly preserved?  Yes No N/A FGL
4. VOA's Checked for Headspace?  Yes No N/A
5. Were all analyses within holding times at time of receipt?  Yes No
6. Have rush or project due dates been checked and accepted?  N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [Signature]

#### Discrepancy Documentation:

Any items above which are "No" or do not meet speci

1. Person Contacted: \_\_\_\_\_  
Initiated By: \_\_\_\_\_  
Problem: \_\_\_\_\_

Resolution: \_\_\_\_\_

(7-1398)

Chico Environmental Science

CH 1271048

SRP-02/22/2012-10:15:24



March 13, 2012

**Chico Environmental Science**  
 333 Main St Suite 260  
 Chico, CA 95928

Lab ID : CH 1271048  
 Customer : 7-1398

### Laboratory Report

**Introduction:** This report package contains total of 5 pages divided into 3 sections:

Case Narrative (2 pages) : An overview of the work performed at FGL.  
 Sample Results (2 pages) : Results for each sample submitted.  
 Quality Control (1 page) : Supporting Quality Control (QC) results.

### Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
VLT-FLDFIL	02/21/2012	02/21/2012	CH 1271048-001	SW
VLT-FLDNON	02/21/2012	02/21/2012	CH 1271048-002	SW

**Sampling and Receipt Information:** All samples were received, prepared and analyzed within the method specified holding times. All samples arrived at room temperature. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

**Quality Control:** All samples were prepared and analyzed according to the following tables:

### Inorganic - Metals QC

200.8	02/25/2012:202867 All analysis quality controls are within established criteria.
	02/27/2012:202964 All analysis quality controls are within established criteria.
	02/25/2012:202146 All preparation quality controls are within established criteria, except: The following note applies to Lead: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
3010	02/27/2012:202153 All preparation quality controls are within established criteria.

### Discussion of Analytical Results: Amended Report

Report amended to report with corrected locations descriptions.





March 13, 2012  
**Chico Environmental Science**

Lab ID : CH 1271048  
Customer : 7-1398

**Discussion of Analytical Results:** Continued...

Report amended to correct sample location description.

**Certification::** I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2012-03-13

---



March 13, 2012

Lab ID : CH 1271048-001

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : February 21, 2012-14:15

Sampled By : Abigail Whittaker/Ke

Received On : February 21, 2012-14:50

Matrix : Surface Water

Description : VLT-FLDFIL

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Diss<sup>P:1</sup></b>								
Lead	ND	0.2	ug/L		200.8	02/25/12:202146	200.8	02/25/12:202867

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





March 13, 2012

Lab ID : CH 1271048-002

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : February 21, 2012-14:15

Sampled By : Abigail Whittaker/Ke

Received On : February 21, 2012-14:50

Matrix : Surface Water

Description : VLT-FLDNON

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b> <sup>P:15</sup>								
Lead	0.0116	0.0002	mg/L		3010	02/27/12:202153	200.8	02/27/12:202964

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





March 13, 2012  
**Chico Environmental Science**

Lab ID : CH 1271048  
 Customer : 7-1398

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b> Lead	200.8	(STK1231463-003)	MS	ug/L	5.000	89.8 %	75-125	435
			MSD	ug/L	5.000	111 %	75-125	
			MSRPD	ug/L	4.992	20.1%	≤20	
	200.8	02/25/12:202867AC	CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		-0.003	0.2	
			CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.077	0.2	
	200.8	02/27/12:202964AC	CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.032	0.2	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.030	0.2	
	3010	02/27/12:202153amb  (CC 1280558-001)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	105 %	85-115	
			MS	ug/L	40.00	111 %	75-125	
			MSD	ug/L	40.00	111 %	75-125	
			MSRPD	ug/L	39.94	0.5%	≤20.0	
			PDS	ug/L	40.00	114 %	75-125	
<b>Definition</b>								
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.								
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.								
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.								
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.								
MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.								
ND : Non-detect - Result was below the DQO listed for the analyte.								
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.								
<b>Explanation</b>								
435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.								









1271642

**Chico - Condition Upon Receipt (Attach to COC)**

**Sample Receipt at CH:**

- Number of ice chests/packages received: OTC
- Were samples received in a chilled condition? Temps: RRT / \_\_\_ / \_\_\_ / \_\_\_ / \_\_\_  
Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
- Do the number of bottles received agree with the COC?  Yes No N/A
- Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
- Were sample custody seals intact?  N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.  
Sample Receipt Review completed by (initials): [Signature]

**Sample Receipt at SP:**

- Were samples received in a chilled condition? Temps: 5 / \_\_\_ / \_\_\_ / \_\_\_ / \_\_\_  
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
- Do the number of bottles received agree with the COC?  Yes No N/A
- Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
- Were sample custody seals intact?  N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

**Sample Verification, Labeling and Distribution:**

- Were all requested analyses understood and acceptable?  Yes No
- Did bottle labels correspond with the client's ID's?  Yes No
- Were all bottles requiring sample preservation properly preserved?  Yes No N/A FGL
- VOA's Checked for Headspace? Yes No  N/A
- Were all analyses within holding times at time of receipt?  Yes No
- Have rush or project due dates been checked and accepted?  N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [Signature]

**Discrepancy Documentation:**

- Any items above which are "No" or do not meet spec
- Person Contacted: \_\_\_\_\_  
Initiated By: \_\_\_\_\_  
Problem: \_\_\_\_\_  
  
Resolution: \_\_\_\_\_

(7-1398)  
Chico Environmental Science  
CH 1271642

IV-03/28/2012-10:31:18

Attach label with lab number here



April 10, 2012

**Chico Environmental Science**  
333 Main St Suite 260  
Chico, CA 95928

Lab ID : CH 1271642  
Customer : 7-1398

### Laboratory Report

**Introduction:** This report package contains total of 5 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(1 page)	: Supporting Quality Control (QC) results.

### Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
VLT-FLDFIL	03/27/2012	03/27/2012	CH 1271642-001	MW
VLT-FLDNON	03/27/2012	03/27/2012	CH 1271642-002	MW

**Sampling and Receipt Information:** All samples were received, prepared and analyzed within the method specified holding times. All samples arrived at room temperature. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

**Quality Control:** All samples were prepared and analyzed according to the following tables:

### Inorganic - Metals QC

200.1	04/03/2012:203542 All preparation quality controls are within established criteria
200.8	03/31/2012:204643 All analysis quality controls are within established criteria
	04/03/2012:204806 All analysis quality controls are within established criteria
	03/29/2012:203428 All preparation quality controls are within established criteria



April 10, 2012

**Chico Environmental Science**

Lab ID : CH 1271642

Customer : 7-1398

**Certification::** I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2012-04-10

---



April 10, 2012

Lab ID : CH 1271642-001

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : March 27, 2012-12:00

Sampled By : Abigail Whittaker/Ke

Received On : March 27, 2012-12:20

Matrix : Monitoring Well

Description : VLT-FLDFIL

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Diss<sup>P:1</sup></b>								
Lead	1.8	0.2	ug/L		200.8	03/29/12:203428	200.8	03/31/12:204643

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





April 10, 2012

Lab ID : CH 1271642-002

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : March 27, 2012-11:50

Sampled By : Abigail Whittaker/Ke

Received On : March 27, 2012-12:20

Matrix : Monitoring Well

Description : VLT-FLDNON

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b> <sup>P:15</sup>								
Lead	1.9	0.2	ug/L		200.1	04/03/12:203542	200.8	04/03/12:204806

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





April 10, 2012  
 Chico Environmental Science

Lab ID : CH 1271642  
 Customer : 7-1398

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b> Lead	200.1	04/03/12:203542amb  (CH 1271642-002)	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	106 %	85-115	
			MS	ug/L	40.00	103 %	75-125	
			MSD	ug/L	40.00	105 %	75-125	
			MSRPD	ug/L	39.94	1.8 %	≤20.0	
	200.8	(STK1232596-001)	MS	ug/L	5.000	97.8 %	75-125	
			MSD	ug/L	5.000	104 %	75-125	
			MSRPD	ug/L	4.992	6.2 %	≤20	
	200.8	03/31/12:204643EMV	CCV	ppb	120.0	103 %	90-110	
			CCB	ppb		0.006	0.2	
			CCV	ppb	120.0	104 %	90-110	
			CCB	ppb		0.147	0.2	
	200.8	04/03/12:204806DT	CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		-0.004	0.2	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.128	0.2	

**Definition**

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.  
 CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.  
 Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.  
 LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.  
 MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.  
 MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.  
 MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.  
 ND : Non-detect - Result was below the DQO listed for the analyte.  
 DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.









### Chico - Condition Upon Receipt (Attach to COC)

#### Sample Receipt at CH:

1. Number of ice chests/packages received: OTC
2. Were samples received in a chilled condition? Temps: RRT / \_\_\_ / \_\_\_ / \_\_\_ / \_\_\_  
Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC?  Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
5. Were sample custody seals intact?  N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.

Sample Receipt Review completed by (initials): [Signature]

#### Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 3° / \_\_\_ / \_\_\_ / \_\_\_ / \_\_\_  
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC?  Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
4. Were sample custody seals intact?  N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

#### Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable?  Yes No
2. Did bottle labels correspond with the client's ID's?  Yes No
3. Were all bottles requiring sample preservation properly preserved?  Yes No N/A FGL
4. VOA's Checked for Headspace? Yes No  N/A
5. Were all analyses within holding times at time of receipt?  Yes No
6. Have rush or project due dates been checked and accepted?  N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [Signature]

#### Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: \_\_\_\_\_  
Initiated By: \_\_\_\_\_  
Problem: \_\_\_\_\_  
  
Resolution: \_\_\_\_\_

(7-1398)  
Chico Environmental Science  
CH 1274655  
NMB-07/24/2012-11:52:28



August 22, 2012

**Chico Environmental Science**  
333 Main St Suite 260  
Chico, CA 95928

Lab ID : CH 1274655  
Customer : 7-1398

### Laboratory Report

**Introduction:** This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(4 pages) : Results for each sample submitted.
Quality Control	(1 page) : Supporting Quality Control (QC) results.

### Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Well-UF	07/23/2012	07/23/2012	CH 1274655-001	MW
Well-F	07/23/2012	07/23/2012	CH 1274655-002	MW
Well-Nitrate	07/23/2012	07/23/2012	CH 1274655-003	MW
Well-Nitrite	07/23/2012	07/23/2012	CH 1274655-004	MW

**Sampling and Receipt Information:** All samples were received, prepared and analyzed within the method specified holding times. All samples arrived at room temperature. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

**Quality Control:** All samples were prepared and analyzed according to the following tables:

### Inorganic - Metals QC

200.8	07/24/2012:210713 All analysis quality controls are within established criteria
	08/21/2012:212283 All analysis quality controls are within established criteria
	07/24/2012:208082 All preparation quality controls are within established criteria
3010	08/21/2012:209248 All preparation quality controls are within established criteria



August 22, 2012  
**Chico Environmental Science**

Lab ID : CH 1274655  
Customer : 7-1398

**Inorganic - Wet Chemistry QC**

300.0	07/24/2012:210759 All analysis quality controls are within established criteria
	07/24/2012:208140 All preparation quality controls are within established criteria
4500NO3F	08/17/2012:212065 All analysis quality controls are within established criteria
	08/17/2012:209105 All preparation quality controls are within established criteria

**Certification::** I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2012-08-22



August 22, 2012

Lab ID : CH 1274655-001

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : July 23, 2012-10:40

Sampled By : Kevin Cordes

Received On : July 23, 2012-11:30

Matrix : Monitoring Well

Description : Well-UF

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b> <sup>P:15</sup>								
Lead	0.0052	0.0002	mg/L		3010	08/21/12:209248	200.8	08/21/12:212283

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





August 22, 2012

Lab ID : CH 1274655-002

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : July 23, 2012-10:30

Sampled By : Kevin Cordes

Received On : July 23, 2012-11:30

Matrix : Monitoring Well

Description : Well-F

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Diss</b> <sup>P:1</sup>								
Lead	2.5	0.2	ug/L		200.8	07/24/12:208082	200.8	07/24/12:210713

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





August 22, 2012

Lab ID : CH 1274655-003

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : July 23, 2012-10:35

Sampled By : Kevin Cordes

Received On : July 23, 2012-11:30

Matrix : Monitoring Well

Description : Well-Nitrate

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Wet Chemistry</b> <sup>P:1</sup>								
Nitrate	2.5	0.4	mg/L		4500NO3F	08/17/12:209105	4500NO3F	08/17/12:212065

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





August 22, 2012

Lab ID : CH 1274655-004

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : July 23, 2012-10:37

Sampled By : Kevin Cordes

Received On : July 23, 2012-11:30

Matrix : Monitoring Well

Description : Well-Nitrite

Project : Water Testing

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Wet Chemistry</b> <sup>P:1</sup>								
Nitrite	ND	0.3	mg/L		300.0	07/24/12:208140	300.0	07/24/12:210759

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO<sub>3</sub> pH < 2 ‡Surrogate. \* PQL adjusted for dilution.





August 22, 2012  
 Chico Environmental Science

Lab ID : CH 1274655  
 Customer : 7-1398

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note		
<b>Metals</b> Lead	200.8	(SP 1207371-001)	MS	ug/L	5.000	107 %	75-125			
			MSD	ug/L	5.000	112 %	75-125			
			MSRPD	ug/L	4.992	4.4%	≤20			
	200.8	07/24/12:210713AC	CCV	ppb	120.0	98.9 %	90-110			
			CCB	ppb		-0.016	0.2			
			CCV	ppb	120.0	99.3 %	90-110			
			CCB	ppb		-0.013	0.2			
	200.8	08/21/12:212283AC	ICV	ppb	120.0	99.3 %	90-110			
			ICB	ppb		0.109	0.2			
			CCV	ppb	120.0	96.5 %	90-110			
			CCB	ppb		0.109	0.2			
	3010	08/21/12:209248AMB  (CH 1274655-001)	Blank	ug/L		ND	<0.2			
LCS			ug/L	40.00	101 %	85-115				
MS			ug/L	40.00	85.3 %	75-125				
MSD			ug/L	40.00	87.4 %	75-125				
MSRPD			ug/L	39.94	2.1%	≤20.0				
PDS			ug/L	40.00	98.9 %	75-125				
<b>Wet Chem</b> Nitrite	300.0	07/24/12:208140SBL  (CH 1274655-004)	LCS	mg/L	15.00	101 %	90-110			
			MS	mg/L	300.0	101 %	91-121			
			MSD	mg/L	300.0	98.0 %	91-121			
			MSRPD	mg/L	100.0	3.5%	≤23.8			
	300.0	07/24/12:210759MCA	CCB	ppm		-0.219	0.3			
			CCV	ppm	15.00	101 %	90-110			
			CCB	ppm		-0.258	0.3			
			CCV	ppm	15.00	101 %	90-110			
			4500NO3F	(CC 1282532-001)	MS	mg/L	4.000	108 %	5-285	
					MSD	mg/L	4.000	84.5 %	5-285	
4500NO3F	08/17/12:212065AMB	MSRPD	mg/L	4.000	4.8%	≤30.4				
		CCB	mg/L		-0.085	0.1				
		CCV	mg/L	4.000	102 %	90-110				
		CCB	mg/L		-0.016	0.1				
			CCV	mg/L	4.000	108 %	90-110			
<b>Definition</b>										
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.										
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.										
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.										
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.										
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.										
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.										
MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.										
MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.										
MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.										
ND : Non-detect - Result was below the DQO listed for the analyte.										
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.										





1278016

Lab Number:

~~1271642~~

TEST DESCRIPTION AND ANALYSES REQUESTED

Client: **CHICO ENVIRONMENTAL**

Customer Number: **7001398**

Address: **333 MAIN ST. SUITE 260  
CHICO, CA 95928**

Phone: **(530) 899-2900** Fax:

Email Address: **JLANE@CHICOENVIRONMENTAL.COM**

Contact Person: **JOHN LANE**

Project Name: **HORSESHOE LAKE**

Purchase Order Number:

Quote Number:

Sampler(s): **KEVIN LORDES,  
JESS KOLSTAD**

Sampling Fee: \_\_\_\_\_ Pickup Fee: \_\_\_\_\_

Compositor Setup Date: \_\_\_\_\_ Time: \_\_\_\_\_

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite (C) Grab (G)	Number of Containers	Type of Containers: Glass (G) Plastic (P) VOA (V) Metal Tube (MT)	Potable (P) Non-Potable (NP) Ag Water (AgW)	Surface Water (SW) Monitoring Well (MW) Ground Water (GW)	Travel Blank (TB) Waste Water (WW) Drinking Water (DW)	Soil (S) Sludge (SLG) Solid (SLD) Oil (O)	Bact: System (Sys) Source (SRC) Waste (W)	Bact: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL) Special (SPL)	Leaf Tissue (LT) Petiole Tissue (PET) Produce (PRD)	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other
1	VLT-FLDFIL	12/14/12	13:35	G	1	P NP MW								X
2	VLT-FLDNON	12/14/12	12:30	G	1	P NP MW								X

DISSOLVED LEAD - FIELD FILTERED  
TOTAL LEAD

Remarks  
**RESULTS IN UPLOADABLE  
GEOTRACKER FORMAT**

**DISSOLVED LEAD FIELD FILTERED BY CLIENT**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
<i>[Signature]</i>	12/14/12	15:00	<i>[Signature]</i>	12/14/12	1700	<i>[Signature]</i>	12/15	1700
Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
<i>[Signature]</i>	12-14-12	1400	On-Trac	12/14/12	1700	<i>[Signature]</i>		



**Chico - Condition Upon Receipt (Attach to COC)**

**Sample Receipt at CH:**

- Number of ice chests/packages received: 07C
- Were samples received in a chilled condition? Temps: ROI / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
- Do the number of bottles received agree with the COC?  Yes No N/A
- Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
- Were sample custody seals intact?  N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.

Sample Receipt Review completed by (initials): CB

**Sample Receipt at SP:**

- Were samples received in a chilled condition? Temps: 2° / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
- Do the number of bottles received agree with the COC?  Yes No N/A
- Were samples received intact? (i.e. no broken bottles, leaks etc.)  Yes No
- Were sample custody seals intact?  N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

**Sample Verification, Labeling and Distribution:**

- Were all requested analyses understood and acceptable?  Yes No
- Did bottle labels correspond with the client's ID's?  Yes No
- Were all bottles requiring sample preservation properly preserved?  Yes No N/A FGL
- VOA's Checked for Headspace? Yes No  N/A
- Were all analyses within holding times at time of receipt?  Yes No
- Have rush or project due dates been checked and accepted?  N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [Signature]

**Discrepancy Documentation:**

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

- Person Contacted: \_\_\_\_\_  
Initiated By: \_\_\_\_\_  
Problem: \_\_\_\_\_  
Resolution: \_\_\_\_\_

(7-1398)  
Chico Environmental Science  
CH 1278016



December 27, 2012

**Chico Environmental Science**  
 333 Main St Suite 260  
 Chico, CA 95928

Lab ID : CH 1278016  
 Customer : 7-1398

### Laboratory Report

**Introduction:** This report package contains total of 5 pages divided into 3 sections:

Case Narrative (2 pages) : An overview of the work performed at FGL.  
 Sample Results (2 pages) : Results for each sample submitted.  
 Quality Control (1 page) : Supporting Quality Control (QC) results.

### Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
VLT-FLDFIL	12/14/2012	12/14/2012	CH 1278016-001	MW
VLT-FLDNON	12/14/2012	12/14/2012	CH 1278016-002	MW

**Sampling and Receipt Information:** All samples were received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

**Quality Control:** All samples were prepared and analyzed according to the following tables:

### Inorganic - Metals QC

200.8	12/19/2012:218664 All analysis quality controls are within established criteria.
	12/21/2012:218826 All analysis quality controls are within established criteria.
	12/19/2012:214073 All preparation quality controls are within established criteria.
	12/21/2012:214151 All preparation quality controls are within established criteria, except: The following note applies to Lead: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Lead: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.



December 27, 2012  
**Chico Environmental Science**

Lab ID : CH 1278016  
Customer : 7-1398

**Certification::** I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2012-12-27

---



December 27, 2012

Lab ID : CH 1278016-001

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : December 14, 2012-13:35

Sampled By : Kevin Cordes/Jess Ko

Received On : December 14, 2012-13:57

Matrix : Monitoring Well

Description : VLT-FLDFIL

Project : Water Monitoring

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Diss<sup>P:1</sup></b>								
Lead	ND	0.2	ug/L		200.8	12/19/12:214073	200.8	12/19/12:218664

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: N/A ‡Surrogate. \* PQL adjusted for dilution.





December 27, 2012

Lab ID : CH 1278016-002

Customer ID : 7-1398

**Chico Environmental Science**

333 Main St Suite 260

Chico, CA 95928

Sampled On : December 14, 2012-12:30

Sampled By : Kevin Cordes/Jess Ko

Received On : December 14, 2012-13:57

Matrix : Monitoring Well

Description : VLT-FLDNON

Project : Water Monitoring

**Sample Result - Inorganic**

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b> <sup>P,1</sup>								
Lead	5.4	0.2	ug/L		200.8	12/21/12:214151	200.8	12/21/12:218826

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: N/A ‡Surrogate. \* PQL adjusted for dilution.





December 27, 2012  
**Chico Environmental Science**

Lab ID : CH 1278016  
 Customer : 7-1398

**Quality Control - Inorganic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
<b>Metals</b> Lead	200.8	(CC 1284095-001)	MS	ug/L	5.000	95.8 %	75-125		
			MSD	ug/L	5.000	96.3 %	75-125		
			MSRPD	ug/L	5.000	0.6%	≤20		
	200.8	12/19/12:218664AC	ICV	ppb	120.0	98.6 %	90-110		
			ICB	ppb		-0.001	0.2		
			CCV	ppb	120.0	97.9 %	90-110		
			CCB	ppb		0.035	0.2		
	200.8	(CC 1284129-001)	MS	ug/L	5.000	112 %	75-125		
			MSD	ug/L	5.000	16.7 %	75-125	435	
			MSRPD	ug/L	5.000	146%	≤20	435	
	200.8	12/21/12:218826AC	CCV	ppb	120.0	94.8 %	90-110		
			CCB	ppb		0.019	0.2		
			CCV	ppb	120.0	101 %	90-110		
			CCB	ppb		0.038	0.2		
	<b>Definition</b>								
	ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.								
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.									
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.									
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.									
MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.									
MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.									
MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.									
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.									
<b>Explanation</b>									
435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.									





## **Table 1**

### **Monitoring Results for Vault and Water Samples**



**Table 1. Monitoring Results for Vault and Water Samples  
Horseshoe Lake Parking Area E  
Chico, California  
milligrams per liter (mg/L)**

Location	Date	Water depth in vault (inches)	Dissolved Lead EPA Method 6020 (mg/L)	EPA Method 6020 (mg/L)	Total Hardness EPA Method 130.2 (mg/L)	EPA Method 4500NO3F (mg/L)	Nitrite EPA Method 4500NO2B (mg/L)
Vault	2/14/2006	36	<0.001	<0.001	---	---	---
Vault	7/10/2006	36	<0.001	<0.001	---	---	---
Vault	12/12/2006	17	<0.001J	0.0018	---	---	---
Vault	1/29/2007	37	<0.001J	<0.001J	---	---	---
Vault	2/22/2007	45	<0.001J	<0.001J	---	---	---
Vault	3/13/2007	47	<0.001	<0.001	---	---	---
Vault	4/17/2007	---	<0.001J	<0.001J	---	---	---
Vault	5/7/2007	---	<0.001J	<0.001J	---	---	---
Vault	9/10/2007	5	---	---	---	---	---
Vault	10/12/2007	1	---	---	---	---	---
Vault	10/15/2007	---	<0.001J	0.00212	---	---	---
Vault	11/13/2007	4	<0.001J	<0.001J	---	---	---
Vault	12/19/2007	---	<0.001J	0.0021	---	---	---
Vault	1/11/2008	---	<0.001J	<0.001J	---	---	---
Vault	2/1/2008	10	<0.001J	<0.001J	---	---	---
Vault	6/30/2008	41	<0.001J	<0.001J	---	---	---
Vault	9/4/2008	38	<0.001J	<0.001J	---	---	---
Vault	11/6/2008	46	<0.001J	0.00245	---	---	---
Vault	12/9/2008	---	<0.001J	0.00122	---	---	---
Vault	1/14/2009	---	<0.001J	<0.001J	---	---	---
Vault	2/4/2009	---	<0.001J	<0.001J	---	---	---
Vault	10/29/2009	48	<0.001	<0.001J	---	---	---
Vault	12/14/2009	5	<0.001	0.00141	---	---	---
Vault	2/26/2010	48	<0.001	0.0012	---	---	---
Vault	3/12/2010	38.75	<0.001	<0.001	237	---	---
Vault	5/27/2010	*	---	---	---	---	---
Vault	8/12/2010	30	<0.001	---	314	---	---
Vault	10/27/2010	2	---	---	---	---	---
Vault	11/29/2010	41	---	---	---	---	---
Vault	12/9/2010	48	0.0007	0.002	---	---	---
Vault	1/27/2012	43	0.0005	0.0014	---	---	---
Vault	2/21/2012	39	ND	0.0116	---	---	---
Vault	3/27/2012	48	0.0018	0.0019	---	---	---
Vault	5/24/2012	2.7	---	---	---	---	---
Vault	12/14/2012	18	ND	0.0054	---	---	---
Horseshoe Lake	11/16/2006	NA	<0.001	0.0112	90	---	---
Horseshoe Lake	11/13/2007	NA	<0.001J	0.04	110	---	---
Horseshoe Lake	9/4/2008	NA	<0.001J	0.0471	32	---	---
Horseshoe Lake	9/29/2009	NA	<0.001J	0.0117	86	---	---
Horseshoe Lake	5/27/2010	NA	0.0022	<0.001	44.6	---	---
Horseshoe Lake	1/27/2012	NA	---	0.0111	57.1	---	---
Supply Well	11/16/2006	NA	0.00321	0.00372	---	---	---
Supply Well	11/13/2007	NA	0.0023	0.0038	---	---	---
Supply Well	9/4/2008	NA	0.002	0.0031	85	---	---
Supply Well	9/29/2009	NA	---	0.00633	---	---	---
Supply Well	5/27/2010	NA	0.0036	<0.001	---	2.6	<0.03
Supply Well	7/23/2012	NA	0.0025	0.0052	---	2.5	ND
Surface Water	2/26/2010	NA	*	0.004	36.4	---	---
Surface Water	3/12/2010	NA	0.0005	---	---	---	---



**Acronyms/Abbreviations**

EPA = Environmental Protection Agency

NA = Not applicable

mg/L = milligrams per liter

\* = Sampling error

--- = Not analyzed or measured

Dissolved Lead = Result for sample that was passed through a 0.45-micron filter in the field immediately after sampling. After filtering, sample was preserved in nitric acid

Total Lead = Result for unfiltered sample. No preservative was added to sample containers

Total Hardness = Hardness as calcium carbonate concentration

a = Height of water above vault bottom; vault is cubic and is 36" x 36" x 36" deep with a 22 inch high, 6 inch diameter riser to the vault lid at the ground surface



--- = Not analyzed or measured

Dissolved Lead = Result for sample that was passed through a 0.45-micron filter in the field immediately after sampling. After filtering, sample was preserved in nitric acid

Total Lead = Result for unfiltered sample. No preservative was added to sample containers

Total Hardness = Hardness as calcium carbonate concentration

surface

NA = Not applicable

\* = Sampling error





DATE: 7/19/13  
TO: BPPC  
FROM: Dan Efseaff, Park and Natural Resource Manager  
SUBJECT: Park and Natural Resource Manager's Report

## NARRATIVE

### 1. Updates

- a. Budget adjustments and layoffs – Council action at the 6/18/13 meeting resulted in significant lay-offs in Parks and Street Trees. Staff will provide a verbal report at the meeting addressing the impacts on parks and street trees.
- b. Bidwell Challenge – The City Council adopted a resolution allowing for a permit for the Bidwell Challenge Obstacle Course in Lower Bidwell Park. The adopted resolution is attached.
- c. Urban Forest Manager Retiring – Denice Britton left the City's employ as of July 5, 2013 after seven years with the City of Chico. She will move to Napa to establish a private consulting practice, work she has done most of her career. Denice contributed a great deal to the City of Chico's Street Tree program, strengthening relations between the Urban Forestry Division, other Departments and citizen stakeholders. She introduced better tree protection measures, helped codify tree mitigation requirements, oversaw a grant funded inventory and GIS mapping of the street trees, updated planting standards, and set up a Heritage Tree Program. Over the last year, Denice has worked diligently with the BPPC to create a Urban Forest Management Plan, which is in its final draft stages. She also promoted the issuance of permits to citizens who want to care for their street trees by having work done by a private tree company that has been approved by the City.

### 2. Administrative and Visitor Services

- a. Caper Acres – in June there were 24 reservations with 581 people in Ring 1 and 14 reservations for Ring 2 with 305 people.

### 3. Planning/Monitoring

- a. Trails and Natural Resource Management Plans – As staff is adjusting to significant changes to operations, and have most focused on basic operations and shifting responsibilities. We will have to assess the status of some deliverables related to the planning efforts (for example, the GIS lead on this project is no longer with the City). Staff will report back to the BPPC by the September meeting on the status and progress of these plans.

### 4. Maintenance Program

Staff continues daily cleaning and safety inspections of all recreation areas including: grounds, playgrounds, picnic sites, roads and paths, coupled with daily cleaning and re-supplying of all park restrooms. Maintenance and repair of park fixtures, daily opening of gates, posting reservations, unauthorized camp clean up and the constant removal of graffiti from all park infrastructure.

- a. Lower Park: Park staff concentrated efforts at One Mile for the Forth of July celebration and supported the Upward Bound work day project on the 28<sup>th</sup> of June.
- b. Middle Park: Invasive plant removal from the levee at Five Mile is under way and will continue through the summer.
- c. Upper Park: Staff started the Parking Lot E fence extension on the west side to stop park users from cutting the west bound trail and damaging the containment cell and vegetation. Vandalism to new Upper Park road signs along with four wheel drive activity at the Diversion dam lot all the way to the closed section of road. Volunteers built several grade reversals on the North Rim Trail to help divert water away from the Blue Oak trail during a one day trail session led by park staff.



- d. Upcoming Projects: Complete Parking Lot E fence extension, and preparation for Bidwell Park Birthday Bash celebration.

## 5. Ranger and Lifeguard Programs

### Monthly Highlights

- a. Ranger Schedule - Starting on Monday, July 8, Park Rangers that are on in the AM will now go to the City Plaza on a daily basis after our gate duties have been completed. We will issue citations to anyone who has stayed there overnight and ask those who have their belongings strewn about to clean up. Any belongings of apparent value that are left unattended will be collected and taken to P.D. for safekeeping.
- b. City Plaza - The issues at City Plaza have become so extreme that it has made it nearly impossible for Sierra Landscape to clean up in the morning. Sierra Landscape will perform their duties at other sites prior to the Plaza in the morning. The change in schedule will allow the Rangers the time to make a "sweep" before Sierra staff arrives.
- c. Lifeguards – Due to rain, the Lifeguards did not staff Sycamore Pool on June 23, 24 and 25. During June guards provided aid to 2 bee sting victims, performed 5 minor 1<sup>st</sup> aid procedures and conducted 3 water rescues.
- d. 1<sup>st</sup> Responder -- On Sunday June 30th, Ranger Barge was the 1st Responder on scene at a choking incident at picnic site 10 off South Park Drive. The adult male victim was conscious but cyanotic after having a piece of meat lodged in his throat. Ranger Barge administered a series of backblows resulting in a partial dislodgement of the obstruction. A partial airway was achieved and medics arrived to transport the male to the hospital. While sitting in the ambulance, the man was finally able to swallow the remaining piece of meat. He returned to his picnic with his family without further incident.

## 6. Natural Resource Management

- a. Trail work – Staff continued minor work on the Middle Trail, Monkey Face, and also North Rim. Progress was slow due to the extremely dry soil conditions. Additional work will continue in the Fall. Staff had anticipated initiating work on the ADA connecting trail between parking lots C and E and the fishing pier, but the combination of soil conditions, staffing limits, and scheduling with the California Conservation Corps will shift the work to the Fall.

## 7. Outreach and Education

- a. News Releases in June – Budget Impacts to Park Gates and Hours, and Bidwell Bash announcement.
- b. Summer Park Pulse – The quarterly newsletter will be issued shortly.

## 8. Street Trees and Landscapes

- a. Field Supervisor Reports for June attached.
- b. Street Tree Workload – To address the current Street Tree work load, staff will be looking to supplement the tree removal contract with a forthcoming emergency tree removal contract (bids due 7/16/13), and will later develop a pruning contract. With the cessation of the street tree crew, Staff will develop a protocol and safety reminders for other City crew members that may be called on to assist with tree issues.
- c. Tree removal process – Although there is a lot more details, I thought it would be helpful for the BPPC to have a brief overview of City Code on the process to evaluate and take action on street trees (right of way trees):
  - i. Calls are prioritized for review depending on the description and identified as either a private tree or a City Street tree, or if it is going through another review process such as a capital project or development review.
  - ii. Staff performs an inspection to determine the urgency of a full inspection or more immediate action.
  - iii. If staff finds a City Street tree is dangerous to public health and safety and is not on our removal list, then the director and the city manager have the authority to remove a tree or shrub, without the authorization or direction of either the commission or the council, if they determine that the immediate removal is necessary for the maintenance of public safety (Section 14.40.270)
  - iv. If a private party calls in for removal of a City Street tree and if the ".tree or shrub is not dead or dying and its continued existence does not create a dangerous or defective condition upon public property, in which case its removal is deemed to be for the convenience of the property owner. . .", staff recommends the owner begin the permit process for removal. In which case, the owner will be responsible for all removal costs.



- v. Trees may come to the public attention as part of a Captial Project or through a development process. These discretionary trees typically go through a review process at the BPPC, Planning or Council.
  - vi. Aggrieved persons (those with an effect significantly greater than the effect that the action appealed from has generally upon all citizens of the city) have the right to appeal BPPC or director determinations to the city council.
  - vii. The right to appeal does not apply to the removal of trees for the maintenance of public safety.
  - viii. Our code requires that the director shall report to the commission from time to time regarding City street trees work. At least annually, the urban forest manager or director communicates to the BPPC with the tree removal list.
- d. Tree Watering – Staff received an email concerning watering of two redbuds at the Forest entrance to the park that were water stressed. The citizens planned to water them. The trees normally get watered once every two weeks, but the staff member had to be pulled away to attend to down limbs and emergencies with the cut of the street tree crew.
- e. Black Walnut removal 6<sup>th</sup> Street and Chestnut –
- i. The City bid out the removal of 6 trees identified as hazards
  - ii. Although the trees may be dangerous if they fail, black walnut wood is valuable, and the project was bid out under the concept that the contractor could keep and sell the wood to recoup the costs of removal. Under the typical removal model, the City would pay for the tree removal and disposal. However, under City code (3.08.090) surplus property may be offered under competitive bid to yield a reasonable return. Because of this approach, the winning bid was a Net Value to the City of \$18,500 (bidders included West Coast Arborists, North Valley Tree Service, Elder's Backhoe Service, and Windeland Walnut).
  - iii. Staff did receive concern from some members of the public about the removal of these trees. Attached to this report is an assessment (Attachment B) and the attachments from the Notice Inviting Bids (Attachment C) that help demonstrate the tree condition.

## 9. Volunteer and Donor Program

- a. Monthly Highlights
- i. Upward Bound Community Service Day – took place on June 28 with 232 high school students and 22 adult crew leaders. Students engaged in painting the One Mile group picnic site, weeding the horseshoe pits and repainting them; general weeding; and homeless encampment cleanup underneath the Pine Street and Camelia Way bridges. Volunteers logged over 730 hours; Recology Zero Waste donated a 30 yard vegetation dumpster to the cause.
  - ii. Youth Conservation Corps – 5 YCC high school aged students with a supervisor from the Sacramento Wildlife Refuge painted over a graffiti defaced mural underneath the Ceres Avenue footbridge.
- b. Upcoming Volunteer Opportunities
- i. Bidwell Park and Creeks Cleanup – The Butte Environmental Council was the only organization that turned in a proposal for the Park Division's RFP for a City-wide creek cleanup. BEC will conduct the clean up on September 21. BEC has conducted the creeks cleanup for the City for over 25+ years.
- c. Donations
- i. Upward Bound Service Day – Recology donated a 40 yard vegetation dumpster for the volunteer day.
  - ii. The Bidwell Park Birthday Bash has 6 cash sponsors and many more in-kind sponsors. Chico Velo will hold a raffle of prizes, including a Raleigh Route 4 bicycle from the Bicycle Wheel, with proceeds going to the Park. A full reporting will be made in the August Manager's Report.
  - iii. Jake Early redesigned the Monkey Face print into a specialized, one of a kind piece for T-shirts to be sold throughout the year. The message is "Enjoy, Support, and Protect" Bidwell Park. Proceeds from shirt sales will be used for Bidwell Park care.
  - iv. The Park Division will participate in the North Valley Community Foundation's Annie B's Fund Drive again this year. This will be the Park's 7<sup>th</sup> year to participate. The fund drive runs from

## 10. Upcoming Issues/Miscellaneous

- a. Workplan – The adopted work plan will be presented to the Council at an upcoming meeting. Staff will look for direction how items may be influenced by recent budget action.



## MONTHLY SUMMARY TABLES

**Table 1. Monthly Visitation**






**Table 2. Monthly Public Permits**

Date	Location	Organization	Event	Participant #
6/1/13	Horseshoe Lake	Hooked on Fishing	Fishing derby	2000
6/1/13	5 Mile	NorCal Regional Land Trust	Walk/Run	500
6/1/2013	One Mile	Potter House	Music	30
6/1/2013	One Mile	American Cancer Society	Dog Walk fundraiser	200
6/1/2013	Camellia Way	BEC	Music Festival	300
6/6/2013	City Plaza	DCBA	Thursday Night Market	250
6/7/2013	City Plaza	DCBA	Friday Night Concert	500
6/9/2013	One Mile	Orchard Church	Church BBQ	90
6/13/2013	City Plaza	DCBA	Thursday Night Market	250
6/14/2013	City Plaza	DCBA	Friday Night Concert	500
6/15/2013	One Mile	CARD	Movies in the park	700
6/20/2013	City Plaza	DCBA	Thursday Night Market	250
6/21/2013	City Plaza	DCBA	Friday Night Concert	500
6/27/2013	City Plaza	DCBA	Thursday Night Market	250
6/28/2013	City Plaza	DCBA	Friday Night Concert	500
<b>Totals</b>			<b>15</b>	<b>6820</b>

**Table 3. Monthly Private Permits**

Permit Type	# of Permits	# of Participants
Private Events	46	2,622
Caper Acres Reservation	38	886
<b>Totals</b>	<b>84</b>	<b>3,508</b>

**Table 4. Monthly Maintenance Hours.**

Category	Staff Hours	% of Total	% Change from Last Month	2013 Trend
1. Safety	432	32.9%	122.4%	
2. Infrastructure Maintenance	460	35.0%	129.1%	
3. Vegetation Maintenance	233	17.8%	131.6%	
4. Admin Time/Other	188	14.3%	178.2%	
<b>Monthly Totals</b>	<b>1312</b>	<b>100%</b>	<b>132.4%</b>	



## 11. Ranger and Lifeguard Programs












**Table 5. Monthly Incidents**

6/4/2013	City Plaza	Parole Hold	Arrest
6/4/2013	City Plaza	Warrant	Arrest
6/4/2013	S. Five Mile	Indecent Exposure	GOA/UTL
6/5/2013	City Plaza	Assault	NFA
6/5/2013	Bear Hole	Vehicle Tampering	Report Filed
6/5/2013	City Plaza	Warrant	Arrest
6/5/2013	S Park Drive	Cold Rape	Report Filed
6/7/2013	S One Mile	Petty Theft	Report Filed
6/7/2013	S One Mile	Stolen Bike	Report Filed
6/10/2013	City Plaza	Fight	GOA
6/11/2013	Petty Theft	Petty Theft	Report Filed
6/12/2013	Petersen Drive	Vehicle Burglary	Report Filed
6/12/2013	S Park Drive	Bike Accident/Injury	Report Filed/Medics transported
6/13/2013	S One Mile	Petty Theft	Report Filed
6/16/2013	S One Mile	Fight	NFA
6/16/2013	City Plaza	Fight	Counseled
6/16/2013	S One Mile	Strong Arm Robbery	Report Filed
6/18/2013	City Plaza	Stolen Bike	UTL
6/18/2013	N One Mile	Assault	GOA/Report Filed
6/19/2013	S One Mile	Fight	Report Filed
6/19/2013	Depot Park	Warrant	Arrest
6/20/2013	N One Mile	Vehicle Burglary	Report Filed
6/20/2013	Bidwell Bowl	Assault	NFA
6/20/2013	N One Mile	Recovered Stolen Vehicle	Report Filed
6/30/2013	S One Mile	Fight	Counseled
6/30/2013	S One Mile	Warrant	Arrest

**Table 6. Monthly Citations and Warnings**

Violation	Monthly			Annual			2013 Trend
	Total Citations	%	Rank	Total Citations	%	Rank	
Alcohol	62	43%	1	95	23%	2	
Animal Control Violations	7	5%	6	43	11%	3	
Bicycle Violation	1	1%	8	4	1%	8	
Glass	16	11%	3	31	8%	6	
Illegal Camping	5	3%	7	35	9%	5	
Injury/Destruction City Property	1	1%	8	3	1%	9	
Littering	0	0%	10	1	0%	10	
Other Violations	9	6%	5	16	4%	7	
Parking Violations	29	20%	2	141	35%	1	
Resist/Delay Park Ranger	0	0%	10	0	0%	11	
Smoking	14	10%	4	37	9%	4	
<b>Totals</b>	<b>144</b>	<b>100%</b>		<b>406</b>	<b>100%</b>		
	<b>Monthly</b>			<b>Annual</b>			



Violation	Total Warnings	%	Rank	Total Warnings	%	Rank	2013 Trend
Alcohol	31	9%	4	149	9%	4	
Animal Control Violations	58	17%	3	325	19%	2	
Bicycle Violation	88	25%	2	571	34%	1	
Glass	15	4%	6	58	3%	8	
Illegal Camping	29	8%	5	73	4%	7	
Injury/Destruction City Property	0	0%	11	0	0%	11	
Littering	3	1%	10	9	1%	10	
Other Violations	12	3%	7	130	8%	5	
Parking Violations	9	3%	8	104	6%	6	
Resist/Delay Park Ranger	9	3%	8	11	1%	9	
Smoking	93	27%	1	253	15%	3	
<b>Totals</b>	<b>347</b>	<b>100%</b>		<b>1683</b>	<b>100%</b>		

## 12. Volunteer Program

**Table 7. Summary of Monthly Volunteer Activity**

Park & Greenway Volunteer			
April - June			
Location	Name	Total Hours	Tasks: Weed & Trash Removal; trail work
Bidwell Park	Park Watch	2715.00	patrol and nature ctr
Park bike paths	FOBP	29	puncturevine
Annie's Glen	Upward Bound	30	week and trash
Cedar Grove	Pk Div (30 vols)	90	hauling olive trees to dumpster
Cedar Grove	FOBP & CCC (27 volunteers)	82	olive trees
Cedar Grove, World of Trees & CCNC vicinity	Earth Day in Bidwell Park - 259 volunteers	906	olive, hackberry trees, vinca, blackberry, trash; viewshed prep
Lost Park /Camelia Way	FOBP, Pk Division & Upward Bound	128	pokeweed, other weeds, trash
One Mile Recreation Area	Upward Bound Service Day 232 students; 22 adult vols	730	painting; weeding, trash removal
North One Mile	Pk Div (11 vols) and FOBP Upward Bound sessions	123	vinca and watering native plants
Lower Park & Meadow	Suzanne and Don & FOBP	84	starthistle



Lower Bidwell Park	FOBP	12	silver dollar plants, bladder senna, starthistle
Lower Bidwell Park	Cats in the Community (23 vols)	46	Trash
Chico Creek Nature Ctr	CNPS, Sigma Alpha Phi (28 vols)	74	hackberry, trash
Sycamore Site		36	weed and water
Site 6	Blue Oak Elem	70	vinca and H2O monitoring
Site 11 & 12	Sue and Neil	3	burchervil
Site 24	Pk Div.	30	trash, hackberry, and blackberry
Site 40	Sigma Chi Frat	30	blackberry, water native plants
N. Rim Trail	Bob J./Drew T.	21	grade reversal on trail
Yahi Trail	FOBP & CNPS	38	poison oak trimming
Observatory Area and trails	Pk Div. Crew Lead	9	starthistle
<b>Greenways</b>			
Comanche Creek	Liz S.	50	trash & blackberry, puncturevine, yst
Lindo Channel	Wes D.	20	spanish broom
Memorial Way	FOBP, CAVE (15 vols)	43	trash, pokeweed, hackberry, ailanthus
W. 8th Ave.	Susan Mason		Planted Cherry Laurel
City Plaza	Boy Scouts (8 vols)	16	trash
CPR Training	Crew Leaders	24	
	Total Quarterly Hours	5437	

**Attachments:**

- A. City Council Resolution: Bidwell Challenge; Monthly Dailies Log of Tree Maintenance Hours – June 2013
- B. Assessment of Walnut Trees on 3<sup>rd</sup> and Chestnut Streets, Memo from Dave Bettencourt (7/9/13).
- C. Tree Removal Specifications



# Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
hkavanau	06/27/2013	Molly Shannon	(530)591-0145	7162894B30		dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	DUPLICATE. Large City tree hanging over into her yard. Caught up in wires. Crews have cut it back many times over the years, but it still continues to drop branches and other debris onto cars parked underneath.								
dbritton	06/25/2013	Cathryn Jackson	809-2124	8D5814DE38	454 E 4th st	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	Limb removed, other foliage pruned. sycamore limb broken, hanging on AT&T lines. 6" by 15'. James Boston dispatched to remove.								
trodrigu	06/21/2013	CPD Dispatch		AF97EDF9E4	503 W Shasta Ave	aholt	Holt, Aaron	Trees/Public Landscapes	Closed
<b>Description:</b>	Left on Sidewalk. Crew removed on 6/26/13. branch down and pulled to the side of the road. CAD 131710233 6/20								
trodrigu	06/21/2013	Paul	894-6646	8B81F714A0	654 GRAFTON PARK DR	jboston	Boston, James	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP Tree branch down blocking the street/sidwalk. Dave has been called.								
trodrigu	06/18/2013	Karen	626-201-0228	33DD39E954	1271 Virage Lane	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	REMOVED S:1 AND S:2 DEAD TREE - One of the City trees at this location has died. Please remove.								
trodrigu	06/14/2013	Chris Bush	617-910-6291	29A1B0634C	1606 MULBERRY ST	aholt	Holt, Aaron	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP NOT a duplicate, another tree on the 16th St side of property dropped a limb approx 6" dia. It's on the side of the street not blocking traffic or the sidewalk.								
trodrigu	06/14/2013	Chris	617-910-6291	032D343924	Mulberry at 16th Street	aholt	Holt, Aaron	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP DOWNED LIMB - Large limb about 4" in diameter has fallen in the park strip and is blocking the sidewalk. Called out to Dave.								
trodrigu	06/13/2013	Eric Holden	521-2817	5D0D91F2E8	136 W 22ND ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	PRIVATE Tree is dropping limbs. GIS shows only a pecan but RP states it's a black walnut. He would like to confirm that the walnut tree is not private.								
trodrigu	06/12/2013	Sue	521-3780	6BFA3BD0F0	East Ave / Connors	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	PRIVATE Traveling east on East Ave there are tree branches blocking the traffic signal approaching Connors.								
dbettenc	06/11/2013	Mike	518-1279	A3C7BA1250	664 Cromwell Dr	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
<b>Description:</b>	PRUNED AND CLEANED UP HIGH PRIORITY Clean up down limb from sycamore in front and reduce weight on a few heavy areas.								
trodrigu	06/11/2013	Claire Hait	521-8118	A1E453B550	36 COMMONWEALTH CT	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	PRUNED 2 small trees need to be pruned.								
trodrigu	06/10/2013	Roger Exline	916-208-8177	E2204FFCE8	18 DISCOVERY WAY	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	ELEVATED Home owner says trees are growing so large out over sidewalk that people are walking out into Floral Av. just to get around them. Concerned that its a safety issue. Would really like them trimmed.								



# Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
kwhite	06/06/2013	Regan Flemming	342-6833	D43CED6090	645 HENSHAW AVE	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP Branch down in the front yard and a branch hanging over the driveway needs to be removed.								
dbettenc	06/04/2013			46AB40D8C4	E 12th St @ Mulberry	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEARED SHUMARD OAK s/w corner of intersection the stop sign is blocked.								
eallen	06/04/2013	Paul Godwin	894-6646	40FEB02A7C	654 Grafton	tbeach		Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP Long Branch in the street. He said it is the 2nd time he called but I could not find the service request.								
lherman	06/04/2013	Lorna Rogers	342-8916	2DC8EC2A38	Marilyn Drive	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
<b>Description:</b>	ASSIGNED TO CONTRACTOR. The open space/water drainage area on Marilyn Drive is really dry. Fears the irrigation system is not working properly.								
trodrigu	06/03/2013	Kathie Curd	891-1477	780CF57370	2083 MULBERRY ST	aholt	Holt, Aaron	Trees/Public Landscapes	Closed
<b>Description:</b>	PRUNED HIGH PRIORITY 3-4 trees have a lot of shoots and suckers that need to be removed. She states that some homeless people are "starting to nest" in the new growth.								
trodrigu	06/03/2013	Paul Godwin	894-6646	77A2037EBC	654 GRAFTON PARK DR	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP Tree branch broke and was blocking his driveway, he has pulled it to the side of the road. PO is requesting that the tree be removed.								
trodrigu	06/03/2013	Tammy Johnson	892-0400	71A85A458C	400 Mission Ranch Blvd	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP Tree branches on Mission Ranch near 400 Mission Ranches are on the ground, not blocking traffic. They mentioned that the branches were on their fence but didn't mention if it caused damage.								
lherman	06/03/2013	Chelsy Jones	531-5573	6B45C477A4	W. 11th Ave at Fern Street	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
<b>Description:</b>	CLEANED UP DOWNED LIMB - Large oak tree limb is blocking the street. Called out to Dave								
dbettenc	06/03/2013	DRB		61E8D6A318	1717 Park Ave	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
<b>Description:</b>	PRUNED HIGH PRIORITY Kentucky Coffee tree on E 17th St side: safety prune heavy areas and clean up brush from call out.								
trodrigu	06/03/2013	Tom Steffan	680-7595	4F0FD01100	942 HAZEL ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
<b>Description:</b>	INSPECTED Hang branch over his driveway, might be dwr since the tree looks like it's coming from the creek. Dave has been called.								







RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHICO UPHOLDING AN APPEAL OF THE BIDWELL PARK AND COMMISSION'S DENIAL OF A PERMIT FOR THE BIDWELL CHALLENGE 5K OBSTACLE COURSE IN LOWER BIDWELL PARK (MMX RACING, INC.)

WHEREAS, Jerrad Fischer of MMX Racing, Inc. requested a permit to host the Bidwell Challenge 5K obstacle course ("Event") in Lower Park on Saturday, June 8, 2013; and

WHEREAS, the Event will place obstacles on Park Roads and require the closure of Park Gates and a portion of Sycamore Pool until the conclusion of the Event; and

WHEREAS, the Bidwell Park and Playground Commission considered the permit application, staff report, and comments submitted at a noticed public meeting held on February 25, 2013, and voted 4-1 to deny the permit; and

WHEREAS, an appeal of the Bidwell Park and Playground Commission's action to the City Council was properly filed by MMX Racing, Inc.; and

WHEREAS, the City Council considered the permit application, agenda report, appeal, and comments submitted at a noticed public meeting held on April 16, 2013, and moved to allow the Event with conditions.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHICO AS FOLLOWS:

1. Based on the information set forth in the Application and presented at the public hearing on the Appeal, the City Council finds that:

- a. The proposed date of the Event, August 17, 2013, and compliance with the permit conditions as set forth in Exhibit "A" hereto, will ensure that the Event does not unreasonably interfere with the use of Bidwell Park by the general public not participating in the Event; and
- b. The Event will be in the public interest.

2. Therefore, the Council hereby upholds the Appeal by MMX Racing Inc., of the Bidwell Park and Playground Commission's denial of a permit for the Event and directs the Public Works Director to grant the permit subject to the conditions attached hereto.

DATE 12/11/13 AGENDA 11/15/13 COUN  
 ADD. INFO CM ACM CA  
 GSD CPSD ASD CLK PSD  
 BPSD HR/RM FIN.D COP FC  
 HNSD File OTHER D. Eiseart  
 Fischer Appeal



1 THE FOREGOING RESOLUTION WAS ADOPTED at a meeting of the City Council of the  
2 City of Chico held on June 18, 2013, by the following vote:

3 AYES: Gruendl, Morgan, Sorensen, Stone, Goloff

4 NOES: Ritter

5 ABSENT: None

6 ABSTAIN: None

7 DISQUALIFIED: Schwab

8

9 ATTEST:

APPROVED AS TO FORM:

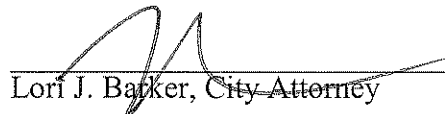
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Deborah R. Presson, City Clerk



Lori J. Baker, City Attorney

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## EXHIBIT "A" TO THE RESOLUTION

### PARK PERMIT CONDITIONS FOR THE BIDWELL CHALLENGE EVENT

1. The Event will be held on Saturday, August 17, 2013, to not conflict with any holidays or other major event in Bidwell Park ("Park").
2. The Event will require that South Park gates will open at noon (12:00 p.m.) and Petersen Drive gates will remain closed as long as the obstacles are up (1:00 p.m.).
3. MMX Racing, inc. ("Applicant" shall work with staff to locate and position obstacles to maintain a roadway width of 12-14 feet to allow public and emergency access.
4. Start the last wave of participants in the Event before 11:50 am and remove the last barricade by 1:00 pm or earlier, and keep monitors on the course during the race.
5. In the case that the obstacles (i.e. walls) occupy more space, the Applicant shall implement a plan to rapidly remove the obstacles and stop participants to allow emergency or service vehicle access if needed. All boundaries for the Event obstacles and staging areas will be clearly signed and marked off to alert other Park users of the Event. Monitors will remain at each obstacle as long as the course is up.
6. Applicant will address safety concerns associated with the obstacles, such as proper fall material (deemed adequate through the City's Risk Management Office) or proper padding of barriers.
7. Course monitors shall be positioned at each obstacle, at all bridge crossings, and interspersed throughout the course. Monitors shall wear identifiable badges or clothing and wear high visibility safety vests in areas shared with vehicles.
8. During the Event, monitors shall be in place to direct participants as well as restrict vehicle traffic, while allowing participants through. Adequate signage will also be in place to ensure racers follow the established routes and also to notify other Park users of the Event. The Applicant will conduct a final inspection of the race courses at the conclusion of the Event and remove all signs as well as pick up any associated garbage.
9. The Applicant shall contact CARD and coordinate the use of Sycamore Field if they intend on using this location as part of the Event.
10. The Applicant shall coordinate and respond to impacts and issues associated with the Highway 99 construction.
11. Participants will only walk in the pool area. Applicant will work with City staff for a route away from the pool to minimize disruption to other pool users.



12. The Applicant shall reimburse the City for costs associated with the following (billed at standard, adopted City rates):
  - a. Additional lifeguards devoted to monitor the Event (@ \$10.00 per hour from 8:30 am to 12:30 pm; this time frame may change based on Event timing and the number of additional lifeguards needed will be determined by the number of participants registered);
  - b. Additional Ranger time (if applicable) for pre-race coordination, news release preparation, set up and break down; and
  - c. Any costs associated with damage to Park resources or clean-up time associated with the Event.
13. Applicant shall provide for EMS presence on site during the Event.
14. Applicant shall provide proof of insurance coverage that is acceptable to the City's Risk Manager.

















Document1

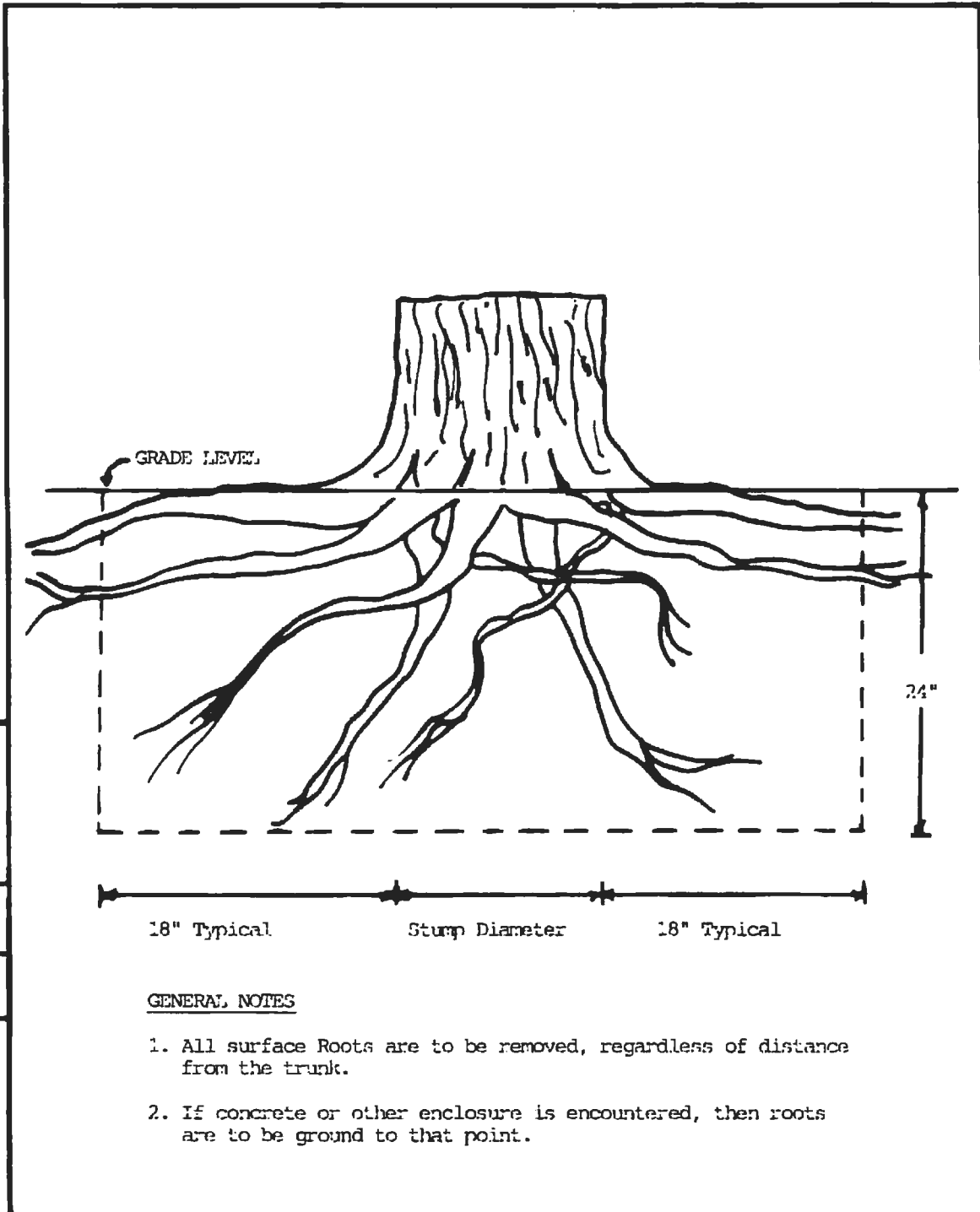
7/24/2013



# Tree Removal Specifications



# STUMP REMOVAL SPECIFICATIONS



REVISION	DATE

18" Typical      Stump Diameter      18" Typical

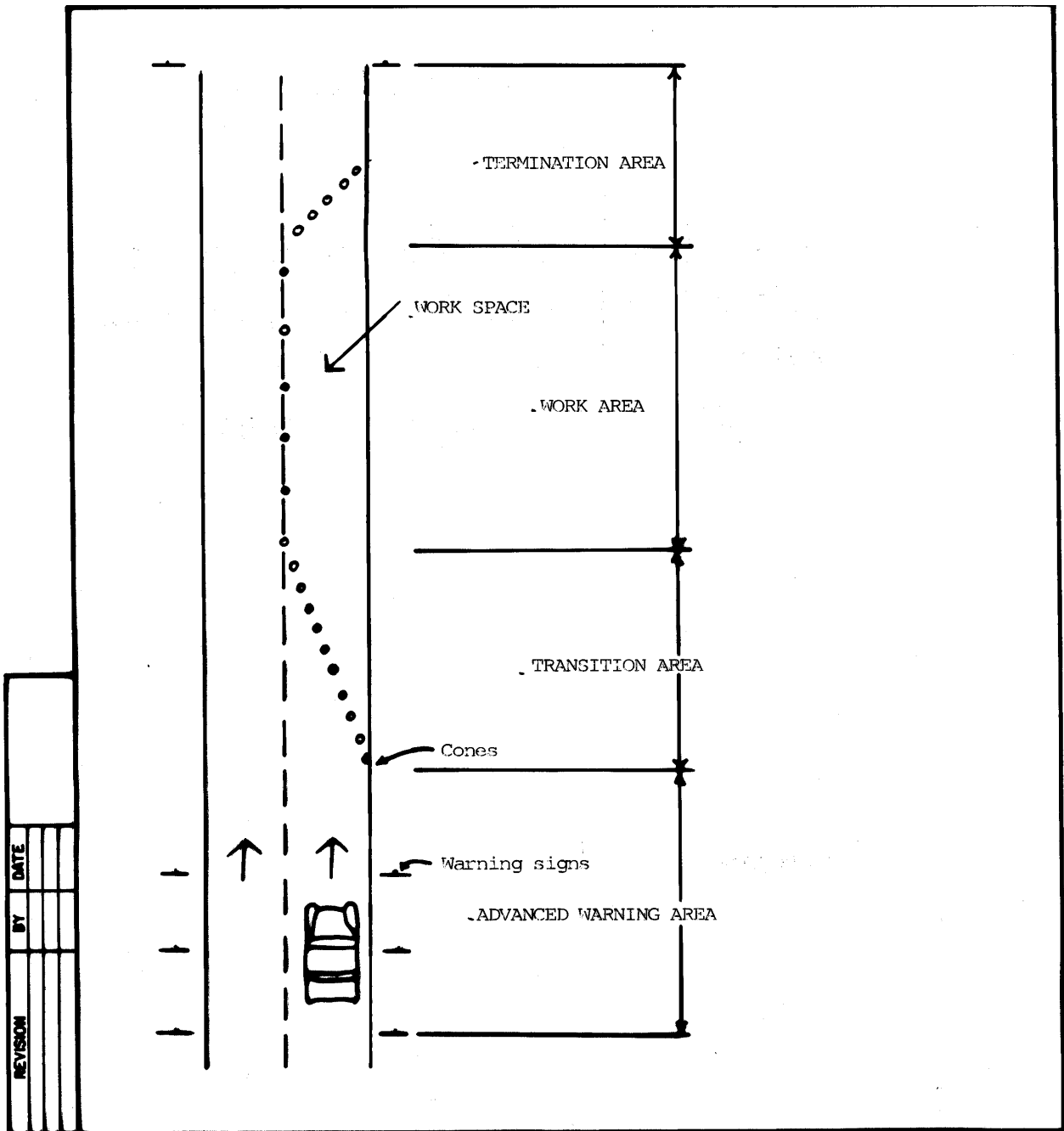
GENERAL NOTES

1. All surface Roots are to be removed, regardless of distance from the trunk.
2. If concrete or other enclosure is encountered, then roots are to be ground to that point.

<b>CITY OF CHICGO</b>		<b>DEPARTMENT OF PUBLIC WORKS</b>	
DRAWN BY <u>CHM</u>	DATE <u>2/1/84</u>	STUMP GRINDING DETAIL	1 of 1
CHECKED _____	SCALE <u>A.S.</u>		
APPROVED _____			



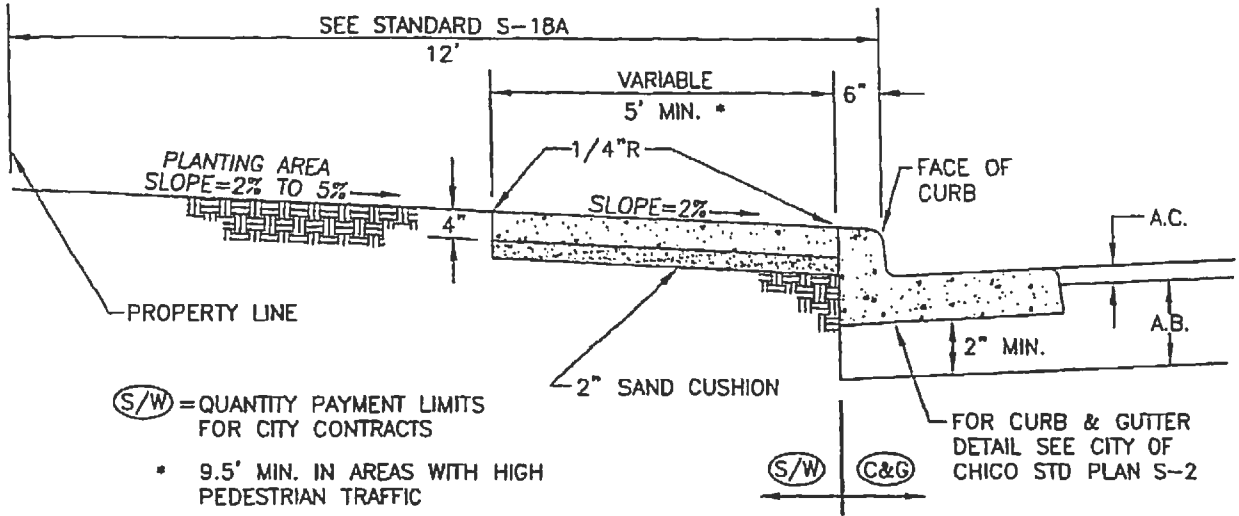
# TRAFFIC CONTROL SPECIFICATIONS



REVISION	DATE

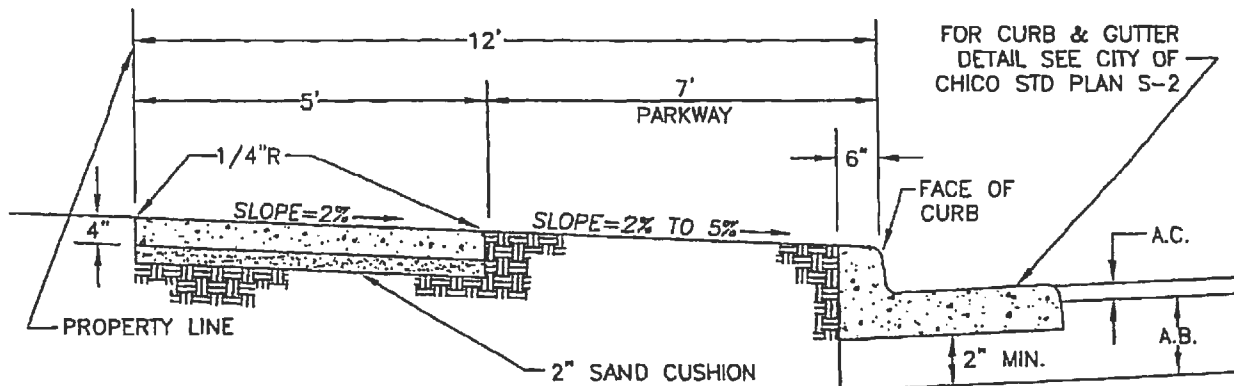
<b>CITY OF CHICGO</b>		<b>DEPARTMENT OF PUBLIC WORKS</b>	
DRAWN BY <u>CSB</u>	DATE <u>2/1/21</u>	ELEMENTS OF A TRAFFIC CONTROL ZONE	1 of 1
CHANGED _____	SCALE <u>1/8"</u>		
APPROVED _____			
ASST. DIRECTOR OF PUBLIC WORKS			





**CONTIGUOUS CURB,  
GUTTER & SIDEWALK**

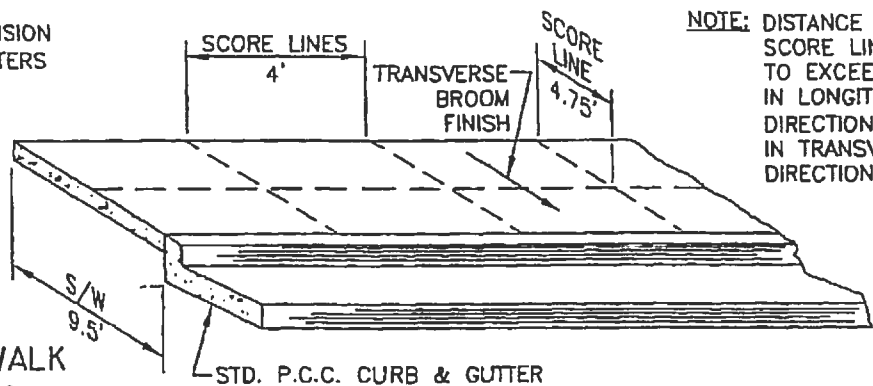
NOTE: IF AUTHORIZED, THIS SIDEWALK CONFIGURATION MAY BE USED IN EXISTING DEVELOPED AREAS TO MATCH AN ESTABLISHED SIDEWALK CONFIGURATION.



**SEPARATED CURB,  
GUTTER & SIDEWALK**

NOTE: THIS SIDEWALK CONFIGURATION SHALL BE USED IN CONJUNCTION WITH ALL NEW DEVELOPMENT AND/OR NEW CONSTRUCTION.

NOTE:  
INSTALL 1/4" EXPANSION JOINTS ON 48' CENTERS



NOTE: DISTANCE BETWEEN SCORE LINES NOT TO EXCEED 4 FEET IN LONGITUDINAL DIRECTION OR 4.75' IN TRANSVERSE DIRECTION

**TYPICAL SIDEWALK  
SCORE LINES**

REVISION			
BY	DATE	APP. BY	COUNCIL

**CITY OF CHICO**

**STANDARD PLAN**

DRAWN BY: GL DATE: 1/05  
 CHECKED BY: MJ SCALE: NONE  
 APPROVED: [Signature]  
 DIRECTOR OF ENGINEERING

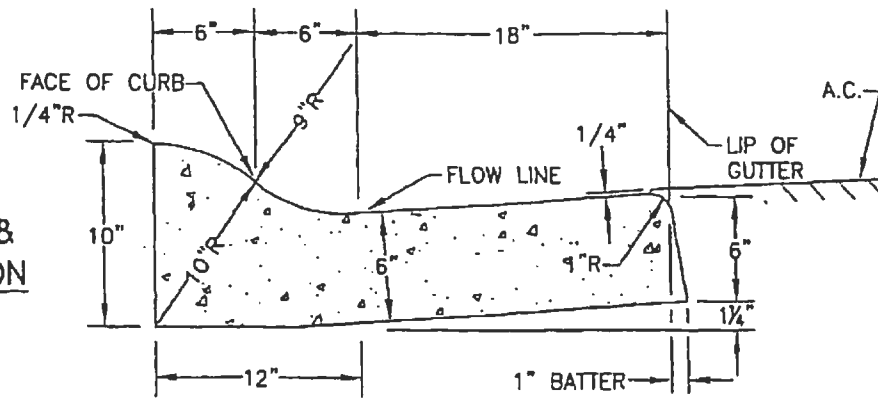
**P.C.C. SIDEWALK DETAILS**

NO.  
**S-1**

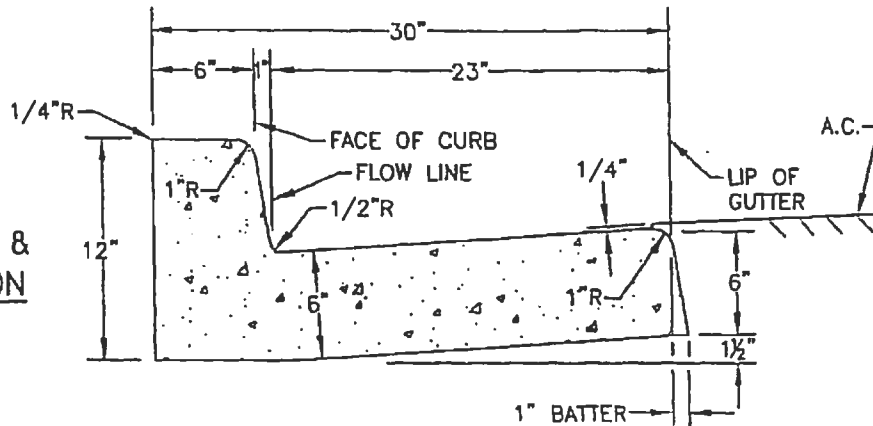
SHEET 1 OF 1



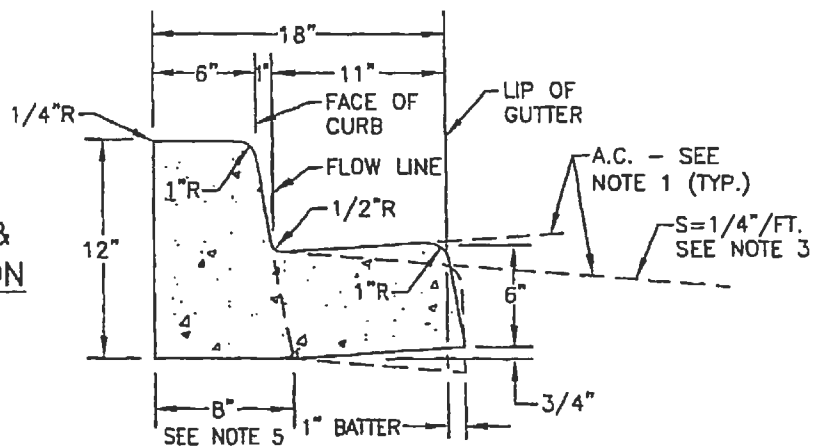
ROLLED CURB & GUTTER SECTION



VERTICAL CURB & GUTTER SECTION



MEDIAN CURB & GUTTER SECTION



NOTES:

1. A.C. PAVING ADJACENT TO ALL GUTTERS SHALL BE 1/4" ABOVE THE LIP OF GUTTER.
2. INSTALL 1/4" WIDE EXPANSION JOINTS AT 48' MAX. INTERVALS AND 1/8" SCORED CONTROL JOINTS AT 12' MAX. INTERVALS ON ALL CURBS AND GUTTERS.
3. THE DIRECTION OF FALL OF MEDIAN GUTTER CROSS-SLOPES SHALL BE THE SAME AS THE ADJACENT STREET.
4. SEE STANDARD S-3 FOR DETAIL OF INSTALLATION OF GUTTER ADJACENT TO EXISTING A.C.
5. INSTALL MEDIAN CURB WITHOUT THE GUTTER, UNLESS SPECIFICALLY SHOWN ON IMPROVEMENT PLANS.
6. PLACE AGGREGATE BASE UNDER CURB AND GUTTER TO DEPTH OF STRUCTURAL SECTION WITH 2" MINIMUM THICKNESS.

REVISION	BY	DATE	APP. BY COUNCIL

**CITY OF CHICO**

**STANDARD PLAN**

DRAWN BY: GL DATE: 1/05  
 CHECKED BY: MJ SCALE: NONE  
 APPROVED: [Signature]  
 DIRECTOR OF ENGINEERING

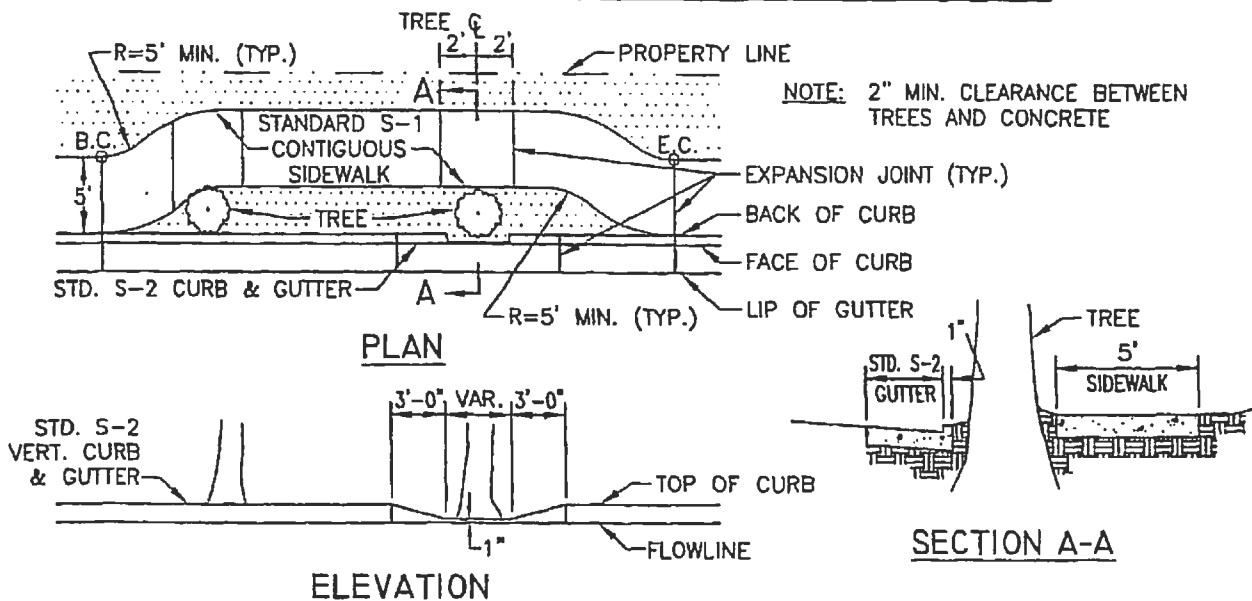
**P.C.C. CURB AND GUTTER**

NO. **S-2**

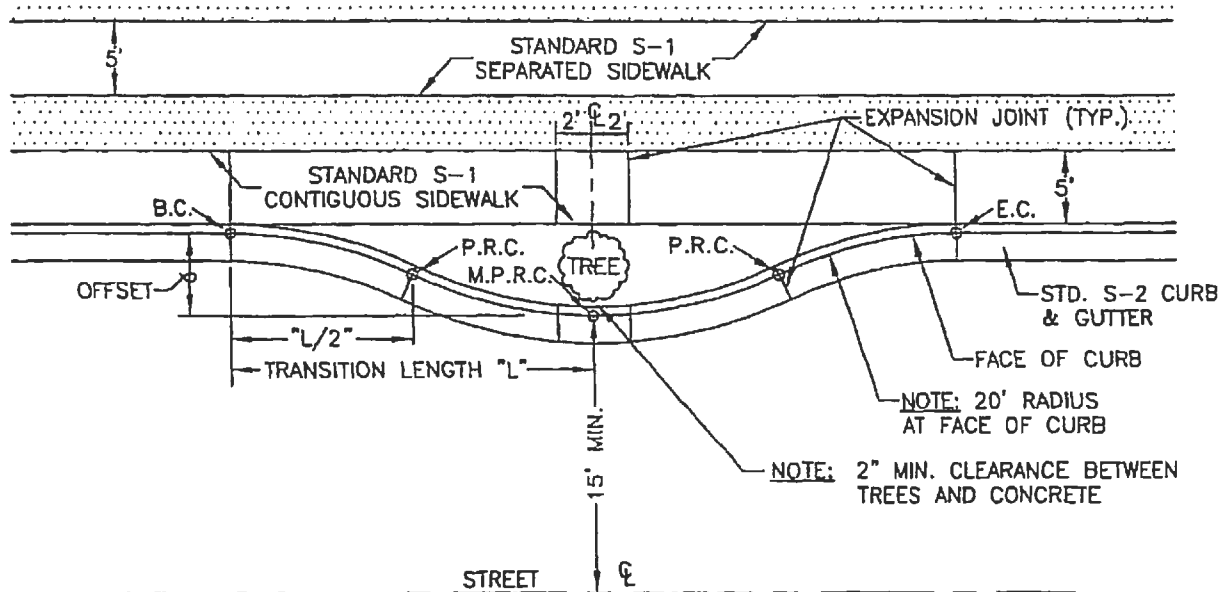
SHEET 1 OF 1



## STRAIGHT CURB ALIGNMENT- CONTIGUOUS SIDEWALK



## OFFSET CURB ALIGNMENT- SEPARATED OR CONTIGUOUS SIDEWALK



OFFSET	RADIUS	TRANSITION LENGTH	L/2	OFFSET	RADIUS	TRANSITION LENGTH	L/2
1'	20'	8.9'	4.45'	6'	20'	21.1'	10.55'
2'	20'	12.5'	6.25'	7'	20'	22.6'	11.30'
3'	20'	15.2'	7.60'	8'	20'	24.0'	12.00'
4'	20'	17.4'	8.70'	9'	20'	25.3'	12.65'
5'	20'	19.4'	9.70'				

REVISION	BY	DATE	APP. BY	COUNCIL

**CITY OF CHICO**

**STANDARD PLAN**

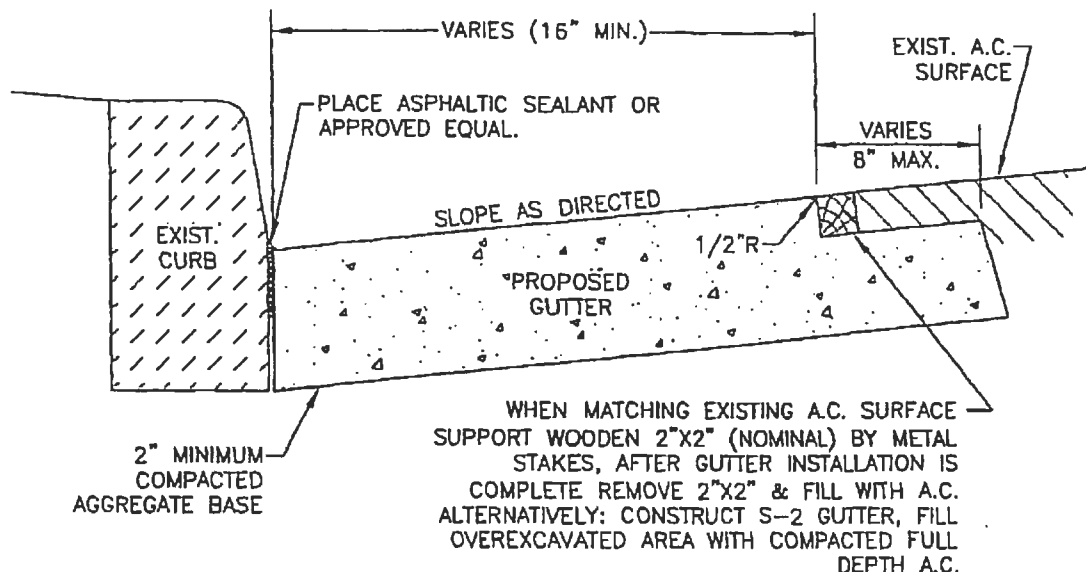
DRAWN BY: GL      DATE: 1/05  
 CHECKED BY: MJ      SCALE: NONE  
 APPROVED: [Signature]  
 DIRECTOR OF ENGINEERING

**CURB, GUTTER & SIDEWALK  
 INSTALLATION AT TREES**

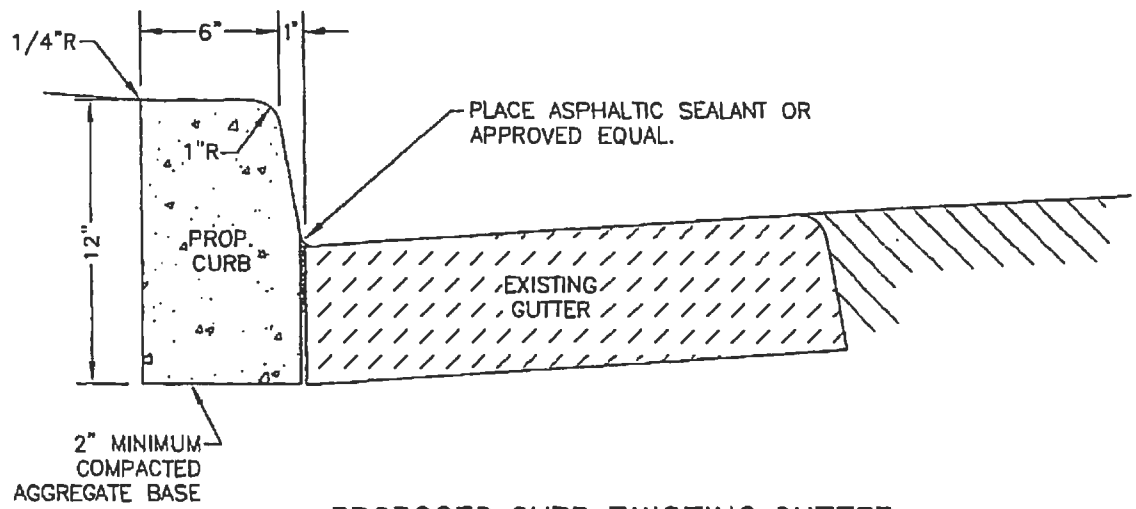
NO. **S-2A**

SHEET 1 OF 1





**EXISTING CURB-PROPOSED GUTTER**



**PROPOSED CURB-EXISTING GUTTER**

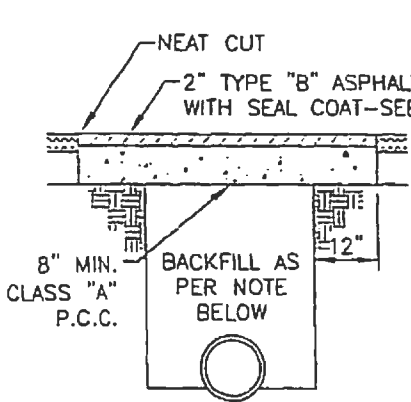
**NOTES:**

1. WHEN INSTALLING BOTH CURB & GUTTER, POUR MONOLITHIC SECTION.
2. WHEN REPLACING ROLLED CURB & GUTTER, USE STANDARD NO. S-2 IN COMBINATION WITH METHOD OF MATCHING EXISTING A.C. DETAIL (TOP).
3. INSTALL 1/4" WIDE EXPANSION JOINTS, MATCH EXISTING - MAX. INTERVAL 48 FT. AND 1/8" SCORED CONTROL JOINTS, MATCH EXISTING - MAX. INTERVAL 12 FT.

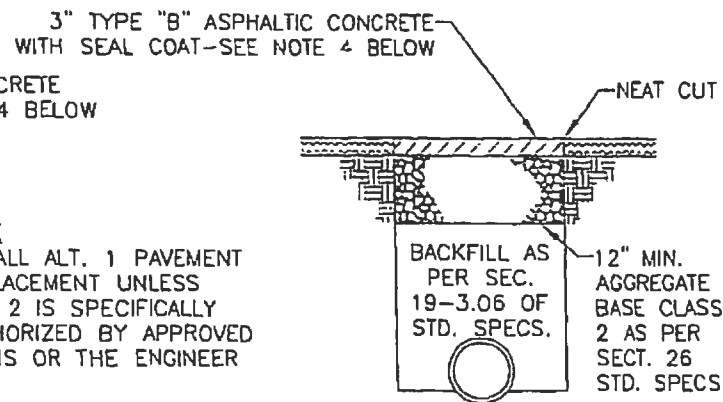
REVISION	BY	DATE	APP. BY COUNCIL

<b>CITY OF CHICO</b>		<b>STANDARD PLAN</b>		
DRAWN BY: <u>GL</u>	DATE: <u>1/05</u>	<b>EXISTING CURB AND/OR GUTTER REPLACEMENT DETAILS</b>		
CHECKED BY: <u>MJ</u>	SCALE: <u>NONE</u>			<b>NO. S-3</b>
APPROVED: <u>[Signature]</u> DIRECTOR OF ENGINEERING				<b>SHEET 1 OF 1</b>





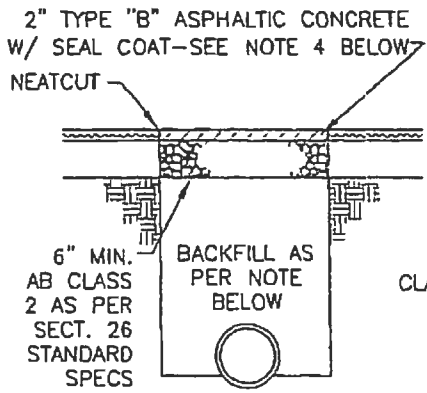
ALTERNATE #1



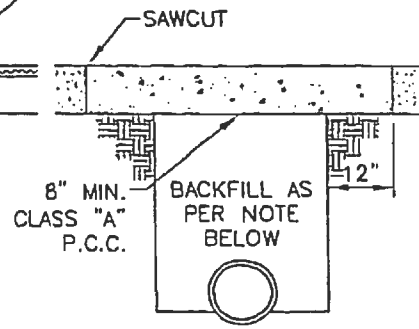
ALTERNATE #2

**NOTE**  
 INSTALL ALT. 1 PAVEMENT REPLACEMENT UNLESS ALT. 2 IS SPECIFICALLY AUTHORIZED BY APPROVED PLANS OR THE ENGINEER

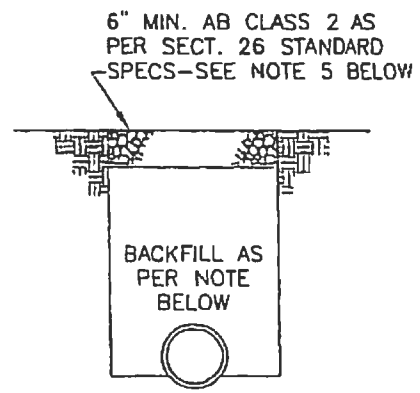
**TYPE "A"**  
 IMPROVED ASPHALTIC CONCRETE STREETS



**TYPE "B"**  
 IMPROVED ARMOR COAT OR SEAL COAT STREETS



**TYPE "C"**  
 PORTLAND CEMENT CONCRETE STREETS



**TYPE "D"**  
 UNIMPROVED STREETS, ALLEYS OR EASEMENTS

**NOTES:**

1. ALL WORK SHOWN ABOVE SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS.
2. ALL EXCAVATIONS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE BACKFILLED IN ACCORDANCE WITH SECTION ENTITLED "TRENCH BACKFILL" CITY OF CHICO STANDARD SPECIFICATIONS OR SEC. 19-3 OF THE STANDARD SPECIFICATIONS.
3. AREA ADJACENT TO THE TRENCH SHALL BE LEFT IN A CONDITION EQUAL TO OR BETTER THAN THAT EXISTING PRIOR TO CONSTRUCTION.
4. SEAL COAT-APPLY A BITUMINOUS BINDER COVERED WITH EITHER SAND OR SCREENINGS TO MATCH EXISTING SURFACE WHEN AND AS DIRECTED BY THE ENGINEER.
5. TYPE "D"-INSTALL 6" OF CONSOLIDATED TOPSOIL IN LANDSCAPED AREAS.

REVISION	BY	DATE	APP. BY COUNCIL

CITY OF CHICO

STANDARD PLAN

DRAWN BY: GL      DATE: 6/06  
 CHECKED BY: MJ      SCALE: NONE  
 APPROVED: [Signature]  
 DIRECTOR OF ENGINEERING

TYPICAL DETAILS OF PAVEMENT REPLACEMENT

NO. S-17

SHEET 1 OF 1



# Black Walnut Trees to be Removed

**Trees**

- Active
- Inactive

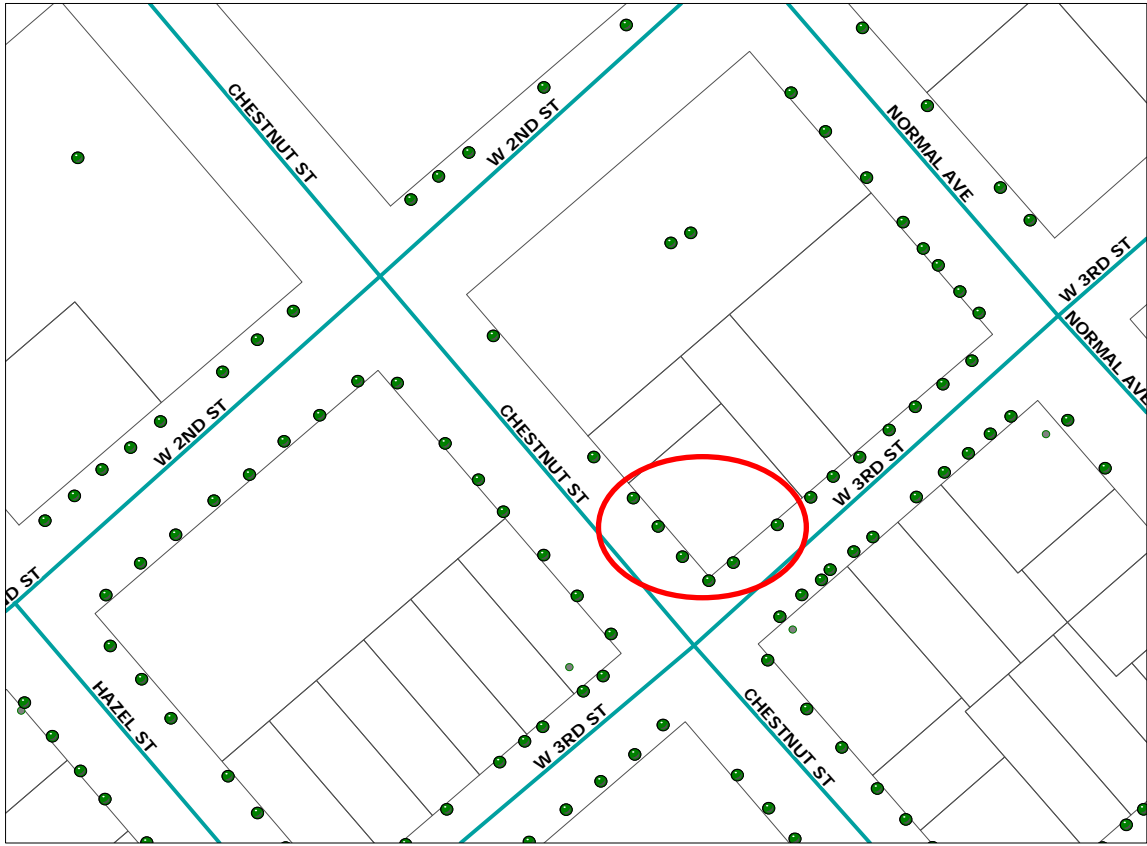
**Public/Private Streets**

- Private
- Public

**Streams**

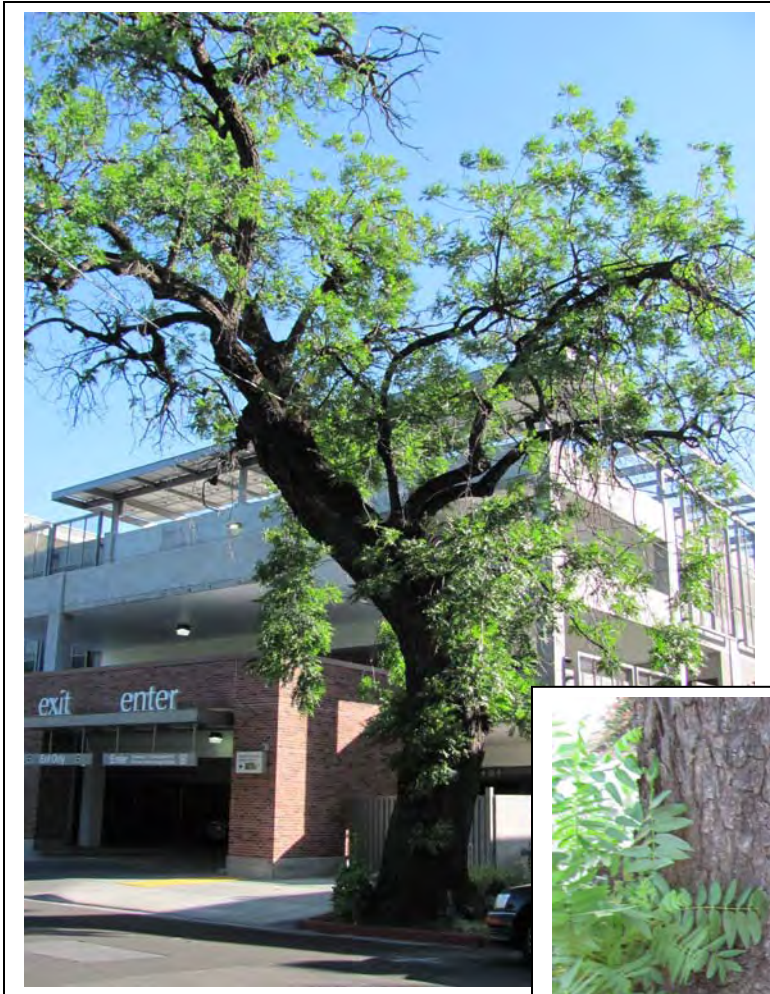
- Creek
- Diversion Channel
- Lakes

**Parcels**



Attachment "1"





Tree # 1

Curb side Tree #1



Tree #1 – walk side with decay





Trees 2 and 3

Tree 2 - Burl



Tree #3 - Burl on walk side





Tree 4 – aA corner

Tree 4 - Burl







Tree 5 – on 3<sup>rd</sup> Street

Tree 5 trunk - Bees are present above this level.







Tree 6 – Leans over both lanes of road.



Base of tree 6 – Decay on sidewalk side.