



CITY OF CHICO
BIDWELL PARK AND PLAYGROUND COMMISSION (BPPC)

November 26, 2012, 6:30 pm
Municipal Center - 421 Main Street, Council Chamber

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 – Rotary of Chico, Soroptimist International of Chico and Home Depot

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 10/29/12.
- 2.2. Permit the 34th Annual Endangered Species Faire.
Butte Environmental Council requests a permit to host an educational faire at Cedar Grove on May 4th, 2013 (with set-up for the event on May 3rd, 2013). **Recommendation:** *Approval of permit with conditions.*
- 2.3. Permit the Placement of a Menorah at City Plaza during Chanukah.
The Chabad Jewish Center requests approval for the installation of a Menorah at City Plaza from December 8 to December 15, 2012, with a public lighting ceremony held on December 11. **Recommendation:** *Approval of permit with conditions.*
- 2.4. Permit the 18th Annual Alzheimer's Association Walk.
Applicant requests a permit to host the Chico Walk to End Alzheimer's at One Mile on October 12, 2013, with event set-up on October 11, 2013. **Recommendation:** *Approval of permit with conditions.*

ITEMS REMOVED FROM CONSENT – if any

3. NOTICED PUBLIC HEARINGS - None

4. REGULAR AGENDA

- 4.1. Recommend Resolution to Council on Phase II of the Middle Trail Grant
The Recreational Trail Program (RTP) provides Federal funds annually for trails-related projects. An RTP grant, awarded in 2008, funds part of the current rehabilitation and rerouting efforts on the Middle Trail. The Park Division will apply for additional support for another RTP grant to continue work on Middle Trail as Phase II of the project and seeks BPPC and public input before the resolution is submitted to Council. **Recommendation:** Motion to support a Council resolution on a grant under the 2012 Recreational Trail Grant Program.

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. Tree Committee Report – Jim Mickles
- 6.2. Urban Forest Manager’s Report - Denice Britton, Urban Forest Manager
- 6.3. Park and Natural Resources Manager’s Report - Dan Efseaff, Park and Natural Resource Manager.

7. ADJOURNMENT

Adjourn to the next regular meeting on December 17, 2012 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
October 29, 2012 Regular Meeting

1. REGULAR COMMISSION MEETING

1.1. Call to Order

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

1.2. Roll Call

Commissioners present:

Clay Craig
Lisa Emmerich
Mark Herrera
Jim Mikles
Jim Moravec
Richard Ober

Commissioners absent: Mary Brentwood

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

2. CONSENT AGENDA

ITEMS REMOVED FROM CONSENT AGENDA:

2.1. Approval of Meeting Minutes

Commissioner Mikles requested that the Minutes from 09/24/12 BPPC meeting be corrected. Staff incorrectly wrote that Mikles had given a verbal report of the meeting but he was absent. The Minutes will be corrected to show that Commissioner Craig gave the report on 09/24/12.

MOTION: Approve the Minutes as corrected. **MADE BY:** Morave. **SECOND:** Craig. **AYES:** 4 (Brentwood, Craig, Moravec, and Ober). **NOES:** 0. **ABSENT:** Emmerich, Herrera, and Mikles.

3. NOTICED PUBLIC HEARINGS - None

4. REGULAR AGENDA

4.1. Permit the Gobble Wobble 1 Mile, 5k and 10k.

The CSU, Chico Department of Kinesiology class requested a permit to host a run in Middle and Upper Park on 11/10/12. The race will begin at Horseshoe Lake. If the trails are closed, the race will be moved to Upper Park Road. Staff strongly recommends that for future events the applicant submit a complete application for park use, including final race routes to the BPPC at least 85 days prior to the date of such event in order to ensure adequate time for approval and/or an appeal of a decision of the Commission. The BPPC is considering the application because the group is requesting the use of trails in Bidwell Park that are not considered intensive use areas.

From the Public:

Applicant Professor Traci Ciapponi stated that the Kinesiology class focus is on scheduling, planning and coordinating of the Gobble Wobble Run. The class starts in August, and so the 85 days or more restriction is a burden to comply with. Ms. Ciapponi said she would work with Park

staff to figure out the best way to have the application in a timely manner.

MOTION: Accept the permit for the Gobble Wobble Run for 11/10/12. **MADE BY:** Herrera. **SECOND:** Emmerich. **AYES:** 6 (Craig, Emmerich, Herrera, Mikles, Moravec, and Ober). **NOES:** 0. **ABSENT:** 1. (Brentwood).

4.2. Appeal of Tree Pruning Permit Denial for Park Avenue and East Park Avenue

A request by CBS Advertising to heavily prune trees on Park Avenue and East Park Avenue to provide better viewing of their two billboards has been denied by the Urban Forest Manager, and was appealed per Section 14. 40.330 of the Chico Municipal Code. The Urban Forest Manager reported that CBS would not be attending tonight's meeting.

Commissioner Moravec excused himself from the discussion. Commissioner Craig inquired as to whether the billboards predate the trees. The City's Capital Project staff initiated the beautification project, in which the trees had been planted to shade the bike path and help hide the scrap yard. The billboards predate the tree plantings. Commissioner Emmerich asked how often the trees would need to be pruned and at what cost and whether we had worked with other vendors on this type of issue. Urban Forest Manager Britton said that the city does work with businesses but this particular request has not come up before. The scope of work requested was extensive, and beyond the normal pruning standards. The proposal was also not specific as to which trees would be pruned to what extent.

From the Public:

John Stallman stated that there may be a legal issue since the billboards were there first but that the area is finally looking nice due to the maturing of the trees. Also the solar shading act may come into play too.

MOTION: Staff will work with CBS Advertising to come up with mutually acceptable guidelines and will continue the discussion with the BPPC at the November 2012 meeting. **MADE BY:** Emmerich. **SECOND:** Craig. **AYES:** 5 (Craig, Emmerich, Herrera, Mikles, and Ober). **NOES:** 0. **ABSENT:** 1 (Brentwood). **ABSTAINED:** 1 (Moravec).

4.3. Appeal of Denial of Tree Removal Permit for 1902 Spruce Avenue

Homeowners Mr. and Mrs. Robinson have requested a permit to remove two healthy black walnut street trees. The permit was denied and is being appealed per Section 14. 40.330 of the Chico Municipal Code. Staff recommended denying the permit to remove the trees based on their health and the benefits they provide to the community but would support the applicant's pruning of the trees. Urban Forest Manager Britton corrected the report to state that the Robinson's permit had been denied in August and appealed in September.

From the Public

Pamela Robinson and her father Larry Skinner, who both live on the property, stated that the two large walnuts were a danger due to dropping walnuts and limbs and that one of the trees had previously caused damage to the neighbors garage and fence. Currently, visitors and sometimes the family park their cars across the street to avoid walnut and limb damage. Ms. Robinson stated that she understands the City's difficulty with keeping up with maintenance and that the trees are on a waiting list for pruning. Mr. Skinner said that 3 black walnuts had been removed from 8th Avenue with no issues and that the family is willing to pay for the removal of the street trees in their front yard.

From the Commission:

In response to a question from the Commission, Urban Forest Manager Britton stated that treating the trees with a chemical to stop walnut production would be difficult and the effectiveness of such treatments is unknown, but at best would only be between 80 – 90%. Black walnuts are not on the current approved street tree list. The trees were planted during Bidwell's time and are considered historic and these particular trees could fall under heritage tree status. Black walnuts are not produced for horticulture but for agriculture, now as the root stalk for English walnuts. The trees are valued for their wood because it is becoming rare. The Urban Forest Manager stated that a request to remove these trees is rare.

When asked if the neighbors opposed the removal of the trees; staff stated that the issue had not been made public. Mr. Skinner said that the next door neighbors who had their fence and garage damaged supported the request as well as other immediate neighbors.

MOTION: Deny the permit to remove 2 black walnut trees at 1902 Spruce Avenue. **MADE BY:** Herrera. **SECOND:** Craig. **AYES:** 4 (Craig, Emmerich, Herrera, and Ober). **NOES:** 2 (Mikles and Moravec). **ABSENT:** 1 (Brentwood).

5. BUSINESS FROM THE FLOOR - NONE

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. Annual Review of Paragliding Activities in Bidwell Park -- Lise Smith-Peters, Parks Analyst

Staff gave a brief background on the Bidwell Park Fliers Annual report. This is a second annual report provided, as part of the permit requirements, and will also be shared with the City Council. Flights in Bidwell Park from October 2011 to October 2012 numbered 154. Fourteen pilots visited the area and accounted for 17 of the flights. Currently there are a total of five pilots in the area (two resident pilots, two intermittent pilots, and one student pilot, with Jon Stallman and Martin Roland conducting most flights).

From the Public:

Jon Stallman described some recent flights in Bidwell Park and showed the BPPC the paragliding back pack equipment that must be carried out to the launches. He also described the Fliers role in educating the public about the park and flight with the birds of the area. He also stated the group would like to explore with the BPPC the idea of adding a launch site from the South Rim of Upper Park. He explained that the launch site would have limited use since you have to have a P4 rating for launching from that type of site.

Park and Natural Resource Manager Efseaff recommended that the subject be discussed in the Natural Resources Committee so that any issues and solutions can be discussed more in depth there and brought back to the full Commission.

6.2. Policy Advisory Committee Report – Lisa Emmerich, Chair

Chair Emmerich gave a background on the request by City Council to have the BPPC discuss elements of a smoking ban for all City parks. Committee members discussed the merits of making it a comprehensive smoking ban so as to reduce confusion among park users and to help make a consistent policy for all parks and greenways. Public input from the American Lung Association representatives and Kids Leading Everyone Education Against Nicotine also felt strongly that a comprehensive ban would be less confusing and easier to enforce. Staff reported that the most likely process would be for staff to work with the City Attorney's office on language for a resolution. This will be

reviewed by the BPPC and then forwarded to the City Council for adoption. Staff projected that the process would take place over the next few months.

6.3. Urban Forest Manager's Report - Denice Britton, Urban Forest Manager

Urban Forest Manager stated that an emergency removal of a damaged sycamore tree next to Peet's Coffee took place in October. The downtown couplet project has finished its first phase and the Street Tree crew has been asked to water newly planted trees. Planting workshops will be conducted on several Saturdays in October and free trees will be given to participants who need street trees replaced.

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

There has been new pavement installed in the North One Mile Recreation Area parking lot. Staff worked with the Engineering Department and right-of-way crews to install a one-way west bound bike lane on South Park Drive in the segment near the 4th Street entrance, which leads to the bikepath and underpass to Annie's Glen. The bikelane addresses the issue of bikes riding the wrong way into oncoming cars. A wildlife camera was added to Upper Park road area and photos of a black bear and Mt. Lion were taken. Both were shared with the public by putting them on the Park Division's Facebook page. The City held its 7th annual Make a Difference Day in Bidwell Park work day and there were over 275 volunteers.

Commissioner Moravec inquired about the Highway 32 Disc Golf Log visits by Rangers. Parks and Natural Resource Manager Efseaff said that most of the visits are routine stops but the Rangers do walk the course from time to time or as needed.

7. ADJOURNMENT

Chair Ober adjourned the meeting at 8:25 pm to the next regular meeting on November 26, 2012, at 6:30 p.m. in the Council Chamber of the Chico Municipal Center building (421 Main Street, Chico, California).

Date Approved: / / .

Prepared By:

Lise Smith-Peters, Park Services Coordinator

Date

Distribution: BPPC



DATE: November 13, 2012
TO: Bidwell Park and Playground Commission
FROM: Jessica Erdahl, Senior Park Ranger
SUBJECT: Permit Application for the 34th Annual Endangered Species Faire May 4, 2013.

Recommendation

Staff recommends approval of the permit with conditions.

Report in Brief

The Butte Environmental Council requests a permit to host the annual Endangered Species Faire, an educational event at Cedar Grove on May 4th, 2013. The applicant has held this event for the past 33 years and anticipates approximately 3,000 participants. They will reserve the meadow on Friday, May 3rd at 9:00 a.m. for setup and on May 4th from 7:30 a.m. to 5:00 p.m. for the event. Additionally, they have requested to stage a staff person at the reservation area overnight for security purposes.

This application requires BPPC consideration as the group is requesting to set-up for the event on May 3rd, 2013, therefore requesting the use of the reserved area for multiple days and for more than 10-hours.

Staff recommends the following conditions:

- Continued adherence to all park rules.
- Limit set-up vehicles accessing event site and restrict vehicles from driving across the meadow.
- Provide parking monitors and coordinate additional parking with the Chico Creek Nature Center.
- Provide at least 2 ADA accessible and 5 standard portable restrooms at the event site.

Distribution:

Robyn DiFalco

Attachments:

Application and permit for park use for the Endangered Species Faire



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 <input checked="" type="checkbox"/>	PRIVATE <input type="checkbox"/>

SECTION 1 - APPLICANT INFORMATION

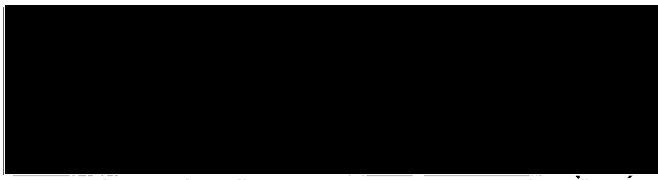
Must be 18 or older • No glass beverage containers • Application fee due upon submittal •

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

PLEASE PRINT:

Robyn DiFalco
Name of Applicant/Contact Person

Butte Environmental Council
Organization Name (if applicable)



Contact Phone #

Alternate Phone #

Endangered Species Faire (ESF)
Description of Event: (family BBQ, walk/run, describe below if needed)

Saturday, May 4, 2013 (Set-up Friday 5/3 also)
Day and Date of Event:

From: Fri 5/3/13 at 9:00AM To: Sat, 5/4/13 at 7:30pm
Total Time Needed for Set-up, Event, and Clean-up

From: 10 AM To: 5 PM 3,000
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) tables, restroom area (circle) 100 amp Electrical Service 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: An educational all-ages event with info booths, food vendors, live music.

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 \$ 301.50 (\$10.50 minimum, please call for quote)
 - Insurance Fee \$ 39.00 (\$39.00 to process outside insurance)
 - Vendor Fee # 5 vendors \$ 27.50 (\$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)
- Total Fee Required: \$ 486.50

Additional fees for City Plaza use:	
Event Restrooms _____ x (\$92.00) = \$ _____	#days
100 amp Electrical _____ x (\$29.00) = \$ _____	(electrician required) #days

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

City of Chico Cash Receipt No. CR 368343 Payment Method: CK 017334 Date: 10/26/12 Received By: VC

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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Entered 10/30/12 - Le 805

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
- 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 1st. 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: _____

Robyn DiFalco

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. 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 Butte Environmental Council

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 Robyn B. Falco
Signature of Applicant

X 10-26-12
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

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? <u>34th annual.</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 type="radio"/> Yes	<input checked="" 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>Mic, band, PA system</u>	<input checked="" type="radio"/> Yes	<input type="radio"/> No
When will amplified sound/music be heard? Time from: <u>10am</u> until: <u>4 pm</u> amps needed (15 or 100) <u>100</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) Does your event include food concession and/or preparation areas? If yes, please describe how food will be served and/or prepared: <u>Certified Mobile Tamale Cart, Blush Catering serving from pre-prepped food in chaffing dishes</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): _____ Time of closure from: _____ until: _____	<input type="radio"/> 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>7am</u> until: <u>7 pm</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? <u>One security personnel</u>	<input checked="" type="radio"/> Yes	<input 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>Ben Toilets</u> Phone Number <u>846-4110</u> Location of portable restrooms <u>Next to permanent restrooms</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. <i>For events with 200+ participants, additional trash and recycling cans are required.</i> Number of Trash Cans <u>5</u> Number of Recycling Containers <u>5</u> Sanitation Company <u>Waste Management</u> Phone Number <u>893-8053 x105</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>3 BEC banners and ESF signs</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
CITY PLAZA ONLY: 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) 896-7000.		
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



DATE: November 13, 2012
TO: Bidwell Park and Playground Commission
FROM: Jessica Erdahl, Senior Park Ranger
SUBJECT: Permit Application to Place a Menorah at City Plaza during Chanuka

Recommendation

Staff recommends approval of the permit with conditions.

Report in Brief

The Chabad Jewish Center requests a permit for the installation of a Menorah on top of the City Plaza restroom. The Menorah will remain lit from December 8 to December 15, 2012. Since 2007, the BPPC has approved requests from the Chabad Jewish Center to erect an 8 foot wide and 9 foot tall Menorah on the City Plaza restroom in observance of Chanukah. Except for the base, the Menorah is made of lightweight material and is powered by regular 110 volt electricity. The Menorah installation location is depicted on the photo below. Staff has not experienced any difficulties or damage problems with the Menorah over the past five years. Visitor use of the Plaza is not impacted by the installation. A public lighting ceremony of the Menorah will take place on December 11.

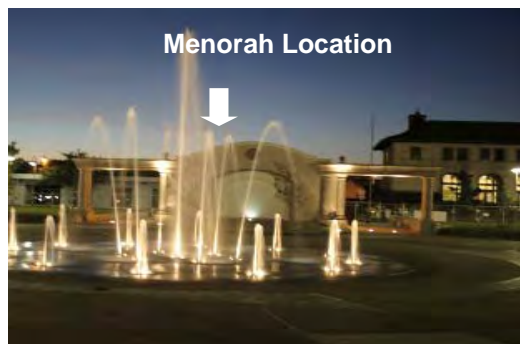
This application requires BPPC consideration as the group is requesting the use of City Plaza for multiple days and for more than 10-hours.

Staff recommends the following conditions:

- Continued adherence to all park rules.
- Applicant to pick up Menorah on December 17, 2012.

Staff strongly recommends that for future events the applicant submit a complete application for park use to the Bidwell Park and Playground Commission at least 85 days prior to the date of such event in order to ensure adequate time for approval and/or an appeal of a decision of the Commission.

In addition, while Parks Staff have historically completed the installation; we anticipate that all similar requests next year will be subject to fees to cover the costs of installation (estimated at \$405). Alternatively, the applicant may arrange to have an insured contractor complete the installation according to a Park Division approved work plan.



Distribution:

Chana Zwiebel

Attachments:

Application and permit for park use for a Menorah at City Plaza during Chanuka



City of Chico

APPLICATION & PERMIT FOR PARK USE

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

Type of Event:	
PUBLIC <input checked="" type="checkbox"/>	PRIVATE <input type="checkbox"/>

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:

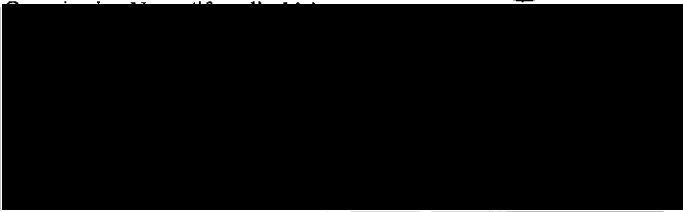
Chana Zwiebel
Name of Applicant/Contact Person
Chabad Jewish Center

Chanuka Celebration/Menorah Lighting
Description of Event: (family BBQ, walk/run, describe below if needed)

Tuesday Dec. 11
Day and Date of Event:

From: 5:00 To: 8:30
Total Time Needed for Set-up, Event, and Clean-up

From: 6:00 To: 7:30 75
Time of Event Only Number of people



Contact Phone # Alternate Phone #

E-mail address

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 # 4 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: Install Menora Dec. 5-17

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 \$ 10.50 (\$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 \$ 100.00 (\$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: \$ 168.00
29.00
pd 10/24/12 29.00

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

of Chico Cash Receipt No. CR 358323 Payment Method: ck 1134 Date: 10/26/12 Received By: CC
CR 358399 CL 4577 10/29/12 TR

Office	Permit File (original)	Park Ranger 1 <input checked="" type="checkbox"/>	Senior Park Ranger <input checked="" type="checkbox"/>	Applicant <input checked="" type="checkbox"/>	Email(various)
Distribution:	Park Field Supervisor	Park Ranger 2 <input checked="" type="checkbox"/>	Landscape Inspector. <input checked="" type="checkbox"/>	Risk Management (e-mail)	920 Fund

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
- 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 1st. 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: _____

C. Zwiibel

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. 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 C. Zwiemel
Signature of Applicant

X 10/26/12
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

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? <u>7</u>	Yes	No
Is there a patron admission, entry, or participant fee(s) required for your event?	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>microphone, band</u>	Yes	No
When will amplified sound/music be heard? Time from: <u>6:30</u> until: <u>7:30</u> 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) <input type="checkbox"/> Bounce house <input type="checkbox"/> Climbing wall <input type="checkbox"/> Ropes Course <input type="checkbox"/> Other: _____ Name of Operator: _____	Yes	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	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: _____	Yes	No
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	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	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 _____ Phone Number _____ Location of portable restrooms _____ Note: Restrooms shall be removed within 24 hrs after conclusion of event.	Yes	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. <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 _____ Note: Sanitation containers shall be removed within 24 hrs after conclusion of event.	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: _____ Note: All signs and banners shall be free standing and not affixed to Park property.	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. Note: Please request a water coupler key for City Plaza, Children's Playground, and Cedar Grove.	Yes	No
Do you request irrigation to be turned off before and during your event?	Yes	No
CITY PLAZA ONLY - Vehicles are not allowed in City Plaza between 8:00am and 5:00pm. Meters used for collecting and loading may be obtained from the City at a fee of \$100 per day.		
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



DATE: 11/13/12
TO: Bidwell Park and Playground Commission
FROM: Jessica Erdahl, Senior Park Ranger
SUBJECT: Permit Application for the 18th Annual Alzheimer's Association Walk, October 12, 2013.

Recommendation

Staff recommends approval of the permit with conditions.

Report in Brief

The Alzheimer's Association requests a permit to host the Chico Walk to End Alzheimer's at One Mile on October 12, 2013. The applicant has held similar events for the past 17 years and anticipates approximately 1200 participants. They will reserve Sycamore Field on Friday, October 11, 12:00 p.m. for setup and host the event at the One-Mile Recreation reservation area and Sycamore Field on October 12, from 6:00 a.m. to 1:00 p.m. Additionally, they have requested to stage a security guard at the site overnight for security purposes.

This application requires BPPC consideration as the group is requesting to set-up for the event on October 11, 2013, therefore requesting the use of a park area for multiple days and for more than 10-hours.

Intensive use events in Lower Park are permissible under the Bidwell Park Master Management Plan (BPMMP). The plan also notes that the One-Mile Recreation Area should be managed as a multi-use community recreational resource (O.1M-1).

Staff recommends the following conditions:

- Continued adherence to all park rules.
- Applicant to obtain a permit from CARD to use Sycamore Field.
- Provide at least 1 ADA accessible and 2 standard portable restrooms at the event site.
- Adequate monitors and 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.
- 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:

Becky Robinson and Ashley Gordon

Attachments:

Application and permit for park use for the 2013 Annual Alzheimer's Association Walk



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 <input checked="" type="checkbox"/>	PRIVATE <input type="checkbox"/>

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:

Ashley Gordon or Becky Robinson
Name of Applicant/Contact Person

walk to End Alzheimer's
Description of Event: (family BBQ walk/run, describe below if needed)

Sat. October 12, 2013
Day and Date of Event:

From: 6 AM To: 1 PM
Total Time Needed for Set-up, Event, and Clean-up 1200

From: 8:30 To: 12:00 1500
Time of Event Only Number of people

E-mail address _____

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.



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

- 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: Standard 5K route - h 805

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 \$ 571.00 (\$10.50 minimum, please call for quote)
- Insurance Fee \$ 39.00 (\$39.00 to process outside insurance)
- Vendor Fee # 1 \$ 5.50 (\$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) (not paid, held out of deposit) h 805 10/11/12
- 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: \$ 734.00

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

City of Chico Cash Receipt No. CR357760 Payment Method: CC 0419 Date: 10/15/12 Received By: CH

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
- 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 1st. 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: _____

Amely Ann Gordon

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. 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 Ashley Annun Jordan x 10/15/12
 Signature of Applicant 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

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? <u>17</u>	Yes	No
Is there a patron admission, entry, or participant fee(s) required for your event?	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, Live jazz, music</u>	Yes	No
When will amplified sound/music be heard? Time from: <u>8:00</u> until: <u>12:00</u> 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: _____ Name of Operator: _____	Yes	No
Will there be any vendors at this event? (No glass or alcohol permitted) If "yes" please note the number of vendors anticipated: <u>1</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>BBQ (on a trailer)</u>	Yes	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): <u>Main Gate Woodland & North Gate</u> Time of closure from: <u>8:00AM</u> until: <u>11:00AM</u>	Yes	No
Will there be early entrance into the Park for setup? If "yes" when will monitors be at their position(s)? Time from: <u>6:00AM</u> until: <u>11:00AM</u> Note: Gate Monitors are required at the entrances and exits for early Park entrance. An additional fee may be charged for early entrance	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? <u>1 (professional)</u>	Yes	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 _____ Location of portable restrooms <u>Sycamore Field Parking Lot</u> Note: Restrooms shall be removed within 24 hrs after conclusion of event.	Yes	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>8</u> Number of Recycling Containers <u>8</u> Sanitation Company <u>Recology</u> Phone Number _____ Note: Sanitation containers shall be removed within 24 hrs after conclusion of event.	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>Corrugated plastic on stakes, along course</u> Note: All signs and banners shall be free standing and not affixed to Park property. <u>banner on One Mile Bridge</u>	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. Note: Please request a water coupler key for City Plaza, Children's Playground, and Cedar Grove.	Yes	No
Do you request irrigation to be turned off before and during your event?	Yes	No
CITY PERMITS ONLY: Vehicles are not allowed in City Plaza. Loading/unloading of equipment and materials is permitted only for unloading and loading only may be obtained from the City by calling (530) 879-7800.		
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



October 18, 2012

With Offices In

- Chico
- Lafayette
- Monterey
- Reno
- Sacramento
- San Rafael
- Santa Cruz
- Santa Rosa

Dear Park Commission,

My name is Ashley Hamm Gordon and I am the Special Events Manager for the Alzheimer's Association, North Valley Office. For over 10 years now we have enjoyed hosting our signature fundraising event, the Chico Walk to End Alzheimer's (formerly Chico Memory Walk) at the Bidwell Park One Mile BBQ Area. Our event takes place over 3.5 hours on a Saturday morning and includes an information fair (mostly health related), family friendly activities, live music and a 3 mile stroll through Bidwell Park. Our 2013 event is scheduled to take place on Saturday, October 12th. I am writing you today to request approval of our park permit, which includes allowing us to set up a portion of our event the night before.

Prior to 2012, our event was set-up and torn down within 7 hours. We coordinated with the City of Chico's Park Rangers to gain early access so we could begin set-up shortly after 6:00AM, ensuring that we would be open and ready for the public at 8:30AM. Our event typically wraps-up between 11:30AM and 12:00PM, and we tear-down and clean-up by 1:00PM. As our event has developed over the years, we have been fortunate to see an increase in support with our participation peaking at approximately 2,000 attendees in 2009 (in 2012 we saw 1,400). As to be expected, this growth has led to new challenges. Parking, safe walking and space to move have been our biggest challenges thus far. We are thankful for Ranger Erdahl and her staff's willingness to work with us on closing the park to vehicle traffic to provide a safe walking environment and for CARD's willingness to allow us to utilize Sycamore Field so we could expand our main event space. One new challenge that emerged in 2011 was our ability to set-up the foundation of our event (tables and chairs) in time to open to the public.

The Chico Walk to End Alzheimer's main event space includes a stage, dozens of EZ UP tents, 60 tables and 300+ chairs. In years past, we have coordinated with A&J Party and In Tents Events to deliver and set up these items the morning of our event. However, due to the time of year our event is held, we often do not have enough light to start setting up until 6:30AM. This leaves us with a half an hour to set these items up prior to our community partner's arrival (participants in our information fair have from 7:00AM until 8:00AM to set-up their materials). In 2012 we were grateful that our request for Friday set-up and overnight security was approved. We were able to set up our tents, stage and have our tables and chairs delivered, which saved us valuable time on Saturday morning. We contracted with Elite Universal Security to have an overnight guard, and everything went smoothly. We would once again greatly appreciate it if the same permit conditions could be approved for our 2013 event.

Thank you for taking the time to consider this request and please feel free to contact me at 530.895.9661 or ashley.gordon@alz.org if I can answer any questions or clarify any portion of our request.

Sincerely,

Ashley Hamm Gordon
Special Events Manager



DATE: 11/16/12
TO: BPPC
FROM: Dan Efseaff, Parks and Natural Resources Manager
SUBJECT: Funding for Middle Trail – Phase II

Recommendation

Staff requests approval to pursue funding for trails under the 2012 Recreational Trail Grant Program.

Background

On July 6, 2012, the President signed the "Moving Ahead for Progress in the 21st Century Act" (MAP-21), reauthorizing the federal highway program and providing funds for the Recreational Trails Program (RTP) through September 30, 2014 (Recreational Trails Grant at <http://www.parks.ca.gov/>). The RTP provides funds annually for recreational trails and trails-related projects and is administered at the federal level by the Federal Highway Administration (FHWA). It is administered at the state level by the California Department of Parks and Recreation (DPR).

An application to the RTP for grant funding will provide additional resources to continue a Phase II of the current Middle Trail Rehabilitation project underway. In the Spring of 2008, the Park Division was awarded a \$175,802 RTP grant (Phase I) that is funding the rehabilitation of Middle Trail; will provide informational signage at trailheads in Parking Lots C and E; and an ADA trail south of Horseshoe Lake to connect C and E lots. Staff has met with stakeholders throughout the process for field reviews and to receive put input through Natural Resource Committee meetings.

Discussion

Phase II will continue progress made on the approximately 6,000 feet of the Middle Trail that is part of the current grant, extending the sustainable trail rehabilitation approximately 6,000 feet eastward (to near Salmon Hole). Phase III (roughly 6,000 feet from Salmon Hole to the B Trail) would complete the Upper Park work on the Middle Trail in Upper Park.

The grant officer of DPR told staff that the Park Division may apply for new RTP grant funding while currently working on Phase I. The due date for the grant application is January 9, 2013.

In comparison to the current area, the trail is steeper and generally follows an old dozer track (fire line/jeep road) created decades ago.

Poor drainage due to the remnant dozer berm and poor trail design makes the trail subject to erosion with the trail becoming essentially a gully in several areas. In addition, connecting trails divert water down the hillside onto the trail. For example, the Live Oak Trail drops about 630 feet in a little over a half mile (about 2,900 feet) for an average slope of 22 %. The Live Oak trail has evidence of erosion and the steep grade (maximum over 50%), and loose tread, attracts few users. Sustainable trail design suggests, unless trails are heavily armored, a sustainable grade is less than 10%. The Live Oak trail and repairs on connector trails to Upper Park Road would be a part of Phase II.

The project would continue the outreach model used during the current grant with opportunities for public input in the planning phase as well as a questionnaire/observations, and trail walks to collect public input. Except for sections that required structures because of erosion issues or chronic wet spots, Phase II would rely more on the native materials (soil and rocks) to develop the tread than Phase I.

The scope of work, includes:

- 1) Design, purchase, and install interpretative, informational signs at Bear Hole and Salmon Hole;
- 2) Complete botanical and anthropological studies along the trail corridors in Phase II;
- 3) Rehabilitate approximately 6,000 linear feet of Middle Trail with sustainable design features and restoration of erosion damaged areas; and
- 4) Rehabilitate about 3,000 feet of the Live Oak Trail and approximately 1,000 feet of connector trails.

Staff will have a map available at the meeting.

The project incorporates sound trail design techniques as provided in the City's adopted Bidwell Park Trails Manual and will take into account ecological and historical integrity, appropriate visitor opportunities, and sustainable practices and will employ "best practices" (including those promoted by the International Mountain Bike Association on sustainable trail building).

As discussed below, mitigation measures have been built-in to the project to ensure that no impacts will occur to cultural or biological resources.

- 1) The major access points to the Park's extensive trail system lacks interpretive and informational signage defining destination, difficulty, and distance of trails. In addition, visitor use of unofficial trails has contributed to severe erosion, and has created undesired trails through sensitive vegetation and land formations. Providing information via signs to park visitors at existing trail heads is essential to maintaining a healthy and safe trail system for visitors in Bidwell Park. The signage will direct users to trails and experiences consistent with their skills and abilities.
- 2) The noted studies in work areas will inform our design to avoid sensitive areas (or to move the current trail).
- 3) Input from the public will allow for the trail design and construction to be responsive to user needs.
- 4) Rehabilitation of the Middle Trail is needed due to an inappropriate alignment, and the lack of sustainable design. Much of the trail lacks outsloping design resulting in soil erosion, trail trenching, pooling of water, scouring of top soil exposing underlying bedrock, and destruction of animal habitat and native vegetation in close proximity to the trail. Visitors often go off trail in order to avoid water flows and pooling in the rainy season contributing further to erosion and trail destruction.
- 5) Additionally, connector trails also are plagued with similar issues (and may be even more acute due to the frequent access to Upper Park parking areas and generally steeper slope).

Because of the short turn around time for the proposal, additional details will be refined during the development process and before the Council meeting. For example, the preliminary costs are estimated at \$200,000; this (and the proportion of which is a match will undoubtedly be refined over the next few weeks. The funding agency requires a resolution from the governing body before funding can be awarded.

With BPPC approval, staff will proceed with obtaining a City Council Resolution as required by the grant. Staff will forward additional details about the proposed project at the next meeting.

Attachments: None



DATE: November 16, 2012
TO: Bidwell Park and Playground Commission
FROM: DENICE F. BRITTON, URBAN FOREST MANAGER, 896-7802
RE: DRAFT URBAN FOREST MANAGEMENT PLAN

CALL TO ORDER: 6:03 pm

ATTENDING: Commissioners Jim Mikles, Chair; Clay Craig, Mark Herrera; staff: Denice Britton, Urban Forest Manger; Linda Sheppard, Landscape Inspector; From the Public: Karen Laslo ; Susan Mason; Scott Gregory, Tyron Chang; and Gabriella Leach.

BACKGROUND:

At previous meetings, the Committee developed a definition of Chico's Urban Forest as well as a Vision Statement for the Forest. The Committee has reviewed current information on the conditions of the forest and developed ideas of where to concentrate future management efforts. The Committee has defined and reviewed a series of goals for the Plan. This meeting was the first review of the DRAFT Urban Forest Management Plan (UFMP).

DISCUSSION:

The DRAFT Management Plan was reviewed by the California Urban Forests Council (CaUFC). The final DRAFT plan is due back to them before the end of November, so they can present the plan to the California Department of Forestry and Fire Protection (CDF) as part of their grant requirement for developing the Urban Forest Management Plan ToolKit. They are not expecting the plan to be complete, because they understand the need for a full review and oversight by the Commission and ultimately the City Council. The Committee reviewed the UFMP for overall content and approved sending it to the CaUFC as a DRAFT.

The attached DRAFT UFMP has been updated with the Committee's comments and posted to the City's website. A final review will take place by the Tree Committee once comments are received back from CaUFC and CDF. It will then be presented for approval to the BPPC. The Plan will also need environmental review and ultimately approval by the City Council.

Goals for Future Meetings:

Provide a final review of the plan once we receive reviews from CDF and CaUFC.

Meeting was adjourned at 7:05 PM

DISTRIBUTION:

Tree-Finance Committee of BPPC
General Services Director
Street Tree Field Supervisor
Landscape Inspector

DRAFT URBAN FOREST MANAGEMENT PLAN

EXECUTIVE SUMMARY

Chico's Urban Forest provides an essential character to the City that includes aesthetic values and functional benefits to its citizens. The elements of the urban forest exist throughout the community, although their care is under several jurisdictions, including both private and governmental entities. The urban forest is made up of trees, landscapes and related vegetation within the City's parks, along the streets and creeks, and within private property.

The City of Chico was founded in 1860 by General John Bidwell and incorporated in 1872. General Bidwell's vision and foresight led to the development of a thriving community that incorporated street trees and landscapes throughout the downtown area, in parks and along residential streets. As the town developed, some of the orchards planted by the Bidwell's were also used as street trees, especially in the Avenues. Therefore, since the beginning of Chico's establishment, trees and landscapes have provided an important source of shade and beauty to the City. Together, the street trees and landscapes within Chico provide the distinct environment of a forest bestowed by nature, yet supplemented and shaped by man.

The 2030 General Plan supports preservation of natural resources, local production of goods and services, the use of renewable versus nonrenewable resources, and new strategies to minimize waste and dispose of it locally. The City strives to improve and protect its air quality, climate, and human health by reducing harmful emissions, such as greenhouse gases. Chico will lead the way to a healthy environment by providing local government support, partnership, and innovation for sustainability. Many of the goals outlined in the General Plan can be realized only with the maintenance of a healthy urban forest. These goals embrace the continued building of "complete streets", including the use of street trees to provide shade, beauty and other functional benefits.

This Urban Forest Management Plan was developed by staff under the direction of the Bidwell Park and Playground Commission (BPPC) and in consultation with the public at large as well as specific stakeholders. The Tree Committee of the BPPC met on a monthly basis over a period of a year to develop and review goals and objectives to guide future Urban Forest Management. These goals are divided into 4 general categories:

- Tree Resources
- Landscape Resources
- Management
- Community

This document is limited by the fact that the City of Chico has authority only over its own operations and to a limited extent, those of citizens and businesses in regard to street trees and trees on commercial properties. Therefore, while it is called the Urban Forest Management Plan, it should be noted that goals related to the overall urban forest can only be encouraged through education and management policies. This document does not intend or recommend that the authority of the City be extended to trees on private property, except for safety related concerns, although it does encourage staff to provide as much information as possible to those seeking assistance in regard to tree care.

The plan is designed to provide a vision for the City and the Urban Forest Manager to enhance decision-making and policy development that are managed by the City of Chico. It specifically pertains to lands managed by the Street Trees and Public Plantings Division, of the General Service Department. These include Rights-of-Way, parks, subdivisions and landscapes on commercial property.



CHICO'S URBAN FOREST

The Tree Committee of the BPPC developed the following definition of Chico's Urban Forest: "Chico's Urban Forest is made up of trees, landscapes and other vegetation within the City's parks, along the streets and creeks, and within private property. The urban forest provides an essential character to the City that includes aesthetic values, functional benefits and ecosystem services to its citizens both individually and as a whole. The elements of the urban forest exist throughout the community, although their care is under several jurisdictions, including both private and governmental entities."

An urban forest is similar to a natural forest, with all the accompanying creatures and amenities, but with the basic elements having a distinctly urban character. Instead of the forest containing only native plants, wild creatures, soils and stones, this urban forest contains man made components. The forest's paths are sidewalks and roads; the creatures include birds and squirrels, but also pets and people as the wildlife. The amenities still include beauty, but the forest functions to increase property values, provide cooling of the urban heat island, and absorption of pollution generated by cars. Branches and leaves still fall to the ground, but the normal nutrient cycling is interrupted by lawns and concrete. As a result, the forest requires us to tend it in a way that a natural forest doesn't demand. Our urban forest is more like a garden than a natural forest, demanding more attention and care to keep it healthy and green.

VISION STATEMENT

Chico's Forest provides coverage and shade over a large area of the City, creating a continuous forest canopy. This canopy contains trees of all sizes at maturity, is multi-aged and diverse. The forest is healthy and safe, with appropriate tree species planted in appropriate locations and in ideal cultural conditions. Citizens are active partners in our program – they want their trees and forest to be thriving and understand their role in accomplishing this. The Standard of Care for the forest is based on accepted Industry Standards and the concept of enhancing the longevity of the trees within the forest. All City staff and officials are knowledgeable about the Urban Forest Management Plan and use it as a guideline in deliberations regarding project planning and design.

MISSION STATEMENT

To Preserve and Enhance the City's Urban Forest for this and future generations

The Mission of the Urban Forest Management Plan mimics that of the Bidwell Park and Playground Commission itself, but emphasizes the care of trees and landscapes outside Bidwell Park.

As representatives of the citizens of Chico, the Bidwell Park and Playground Commission (BPPC) endeavors to preserve and enhance the natural and recreational resources of Bidwell Park, community and neighborhood parks, greenways and open space throughout the community. Through careful consideration of the needs and desires of citizens, coupled with an awareness of available city resources, the BPPC strives to ensure that the city's parks and greenways are preserved and enhanced for this and future generations

The Mission of the Street Tree and Public Plantings Division within Chico is to maintain the "City of Trees", and to enhance the standing and reinvigorate the significance of trees through an Urban Forest Management Plan that emphasizes well cared for trees and landscapes. The ultimate goal is to have a forested city with a complete canopy and attractive landscapes.

Our secondary goal is therefore to help all citizens see that the benefits trees and landscapes provide far outweigh their costs and inconveniences. The ideal is to have population of citizens who appreciate the trees and landscapes that make up a true urban forest.

WHY WE NEED A PLAN

Chico is known as the "City of Trees" - its entry sign from the south uses this slogan as its motto. Coming into Chico from the east, it appears to be a forest oasis surrounded by agricultural fields. Yet, Chico has never adopted a formal Urban Forest Management Plan, despite having a program in place for more than 100 years. A Strategic Plan was last developed in 2004, but it was not formally adopted as a guiding document for management of the Street Trees, or the Urban Forest as a whole.

It is especially important during difficult economic times to have a plan in place to guide the City in its care of Chico's trees and landscapes. Do the City Council and the City Manager have the same vision of what the Urban Forest is and how it should be managed? What are the priorities: safety, shade, beauty? What should the forest look like? Should the trees along the streets be tall and overarching, or kept at a moderate size to act more for beauty than for shade? The General Plan (2010) answers some of these questions in regard to complete streets, but it does not address the day to day management of the trees, landscapes, or the urban forest.

It is well documented that routine maintenance of trees on a regular schedule is the best way to sustain tree values by removing dead branches, improving tree structure and reducing weight on heavy limbs. It has been shown that a 5 to 7 year maintenance cycle is the ideal cycle to maintain the functional and aesthetic values of trees (Miller, 1981). Chico's current maintenance cycle provides this cycle for certain high use areas, but the vast majority of trees are worked on only when a request is made or a breakage is observed.

Annexations of large parts of historic Chico by the City over the years has created a much larger scope of responsibility, with few additional resources dedicated to the task. At one time, Chico had a goal of a routine maintenance program, which was accomplished to some degree. Since that time, even more limited resources resulting from rapidly changing economic conditions have left Chico's Street Tree Division with a skeletal staff of tree maintenance workers, a field supervisor and the Urban Forest Manager. A landscape Inspector also helps to oversee the maintenance of the public landscapes, whose care is performed solely under contract with the City.

A formal Management Plan is needed to identify for the City Council and City managers the basic needs of the trees and landscapes in order to maintain a safe and healthy urban forest that the citizens can enjoy for many generations to come.

SCOPE OF THE PLAN

Planning horizon

The planning horizon for this plan is 20 years, the same as for the General Plan. Therefore the goals of the plan are long term, but the objectives covered in the plan will provide guidance over the next 5 years. At the end of the 5 years, the progress toward the goals should be reviewed, and the objectives modified as needed to better reach the long-term goals. This strategy will be an integral component of monitoring the plan.

Relationship to other planning documents

This plan will take into account the elements of the General plan just completed in 2011. That plan identified the goal of most neighborhoods and commercial districts having "complete streets." Such complete streets include street trees, with planting strips large enough to accommodate those same trees. Furthermore, the General Plan points to the Urban Forest as being an integral part of the City, defining its character along with the elements of architecture and landscaping.

Aside from the General Plan, each larger subdivision has a specific plan that includes the planting and care of new street trees in front of each home. Subdivisions also include parks, entrance landscaping, medians and other landscapes that greatly contribute to the character of each neighborhood.

The Bidwell Park Master Management Plan addresses forest management in a general sense, but does not apply to the remaining trees throughout Chico. This Urban Forest Management Plan will only address those trees that the City manages. However, educational programs that come out of this plan can assist anyone who owns and cares for trees throughout Chico. In fact, these programs should encourage better planting of trees in all of Chico's landscapes.

This plan will require environmental review.

INTRODUCTION

Overview

Historical context

Chico's tree heritage dates back to the 1850's, when trees were planted along the first dirt streets within the town. General Bidwell and his contemporaries planted trees on many of the older streets in the core areas of town, including Plaza Park.^[1] Pictures as early as 1861 show trees planted along the fronts of buildings, providing shade for the people and horses below. Many of these historical trees can be found throughout the city today, particularly in the older residential neighborhoods near downtown. At the same time, gardens and parks were established with a diversity of introduced landscape plants, many of which are foundations of our gardens today, such as camellia and roses. Trees also became the main agricultural focus of the area, as General Bidwell developed his interest in walnuts, oranges and other orchard species crops. Today, Butte County remains one of the most significant orchard crop producers in the state.

The first street tree ordinance was codified in March of 1897, delegating the responsibility for oversight to the Committee on Streets, Public Squares and Parks, and delegating the responsibility for maintenance to the abutting property owner. In April 1918, the Bidwell Park and Playground Commission (BPPC) first met in its role as the City's Tree Commission. Today the BPPC has authority over street trees and "shrubberies" provided through the Chico Municipal Code (CMC) 14.40. The Tree Committee is a working sub-group of the BPPC.

Many consider the heart of Chico's Urban Forest to be Bidwell Park, which was deeded to the City by Annie Bidwell in 1905. This enduring remnant of the riparian forest native to Chico has many large valley oaks, sycamores and other riparian trees dating from before European settlement. Native species from this forest, especially the Valley oak, are found throughout the neighborhoods surrounding the park.

As trees were planted along city streets and landscapes planted in people's yards, new species were introduced, as street trees, garden and orchard trees. Today, remnants of that original urban forest are found in the older neighborhoods. Few native trees were planted as street trees, although many species from the east coast and Midwestern United States can be found in Chico's urban forest population.

The City of Chico has grown to over 33 square miles with a population of 86,900 in the incorporated area and a greater urbanized area population of approximately 100,000. In contrast, Chico was only 28 square miles in 1990, with a population of 59,954. The current street tree population is just over 30,000 trees with more than 3500 planting sites identified as unfilled. Public landscapes cover over 200 acres of land, encompassing a rich diversity of soils and plants, and providing the understory of our urban forest.

Environmental context

Located in the Northern Sacramento Valley of California, Chico is 90 miles north of Sacramento on Highway 99, in Butte County, east of Interstate 5 and the Sacramento River.

Chico is in the Sunset Zone 8, with a few areas in Zone 9. This means that the climate is within the cold air basins of the Central Valley, so low temperatures will range from 13 to 29 degrees in a normal winter. Rainfall averages 20 to 25 inches annually. Days are hot in the summer, often reaching over 100 degrees, but then cooling with some coastal influence from the Sacramento River and delta. In the winter, fog often develops after periods of rain, due to an inversion layer and river influence.

The soils in Chico are highly diversified, with deep rich "vina loam" soils along the flood plains of the creeks, to consolidated cobble in the south industrial and commercial areas to lava cap in the eastern foothills. While some of these soil types require extensive preparation for successful tree growth, most of Chico is blessed with highly fertile soil that grows large trees fairly quickly. These same environmental characteristics have resulted in lush gardens that provide an abundance of food and huge diversity of attractive ornamentals. Canopy growth is helped by the shallow water table that can be as close as 5' to 6' in the winter near the creeks, and stays within 10' of the surface in most areas of town.

Benefits provided by trees and landscapes

Cities compose less than 2% of the earth's land surface area but contribute 50% of anthropogenic carbon emissions (Satterthwaite, 2008), consume 76% of the wood produced for building and other industry, and consume 60% of residential water use (Brown, 2001). Urban trees, particularly those along city streets, offset many negative impacts of urbanization by shading buildings, blacktop and other pavement to reduce urban heat island effects (Shashua-Bar et al. 2010), and by buffering street noise, creating a sense of well-being and charm, and adding to the economic value of a city (Soares et al., 2011). Homes with healthy, well-established trees on or near the property have been shown to decrease selling time and increase selling price compared to similar homes without trees (Carreiro et al., 2008). Well maintained landscapes, including trees, can add 14% to 20% the value of homes.

Well selected and properly planted trees, particularly along the streets, can improve the aesthetics and atmosphere of a neighborhood, at lower cost, more than any other form of municipal infrastructure (McPherson, 2000). As a result, trees are increasingly being utilized in urban planning and the design of "green" infrastructure (McPherson and Peper, 1996) to provide urban residents with improved shade and aesthetic character (Crow et al., 2006). Landscapes add a significant portion of these benefits. The City of Chico's street tree and public plantings program is no exception to these "greening" goals.

Urban trees improve air quality by capturing large amounts of air pollution (Nowak et al., 2006), including sulphur dioxide (SO₂), nitrogen dioxide (NO₂), volatile organic carbons (VOCs), and particulate matter less than 10 microns in size (PM₁₀). Trees sequester and store atmospheric carbon dioxide. They decrease adjacent building energy requirements and consequent emissions from power plants through summer shading, reducing wind infiltration and if deciduous, allow winter sun exposure. Landscapes reduce dust and buffer stormwater runoff to aid in the prevention of localized flooding. By creating shaded, pleasant urban landscapes, trees and other landscape elements bolster business revenues by retaining shoppers for greater periods of time in retail and commercial areas (Smardon, 1987).

Trees have been shown to provide both functional and aesthetic benefits to communities like Chico. They also provide ecosystem services such as recycling of minerals into the soil and wildlife habitat. Functional benefits include shade, pollution absorption and carbon sequestration. Aesthetic values include beauty, changing scenery and increasing property values.

Carbon sequestration is the tree's ability to pull carbon from the air and use it to create wood fiber, thereby keeping the carbon locked up for future use until it decomposes. Since increasing levels of carbon in the atmosphere are seen as a major cause of climate change, the ability of trees to sequester

carbon is a valuable function. This benefit is seen in the increasing girth and height of trees, in other words, tree growth is carbon sequestration in action. It can be and has been measured. (See "Environmental Benefits of Street Trees")

STATUS OF THE URBAN FOREST

Historical context

The City of Chico has had an active Urban Forestry program for many years. The program has focused on street trees, although trees within the park system are also included in the responsibilities of the Division.

Section 1006 of the City's Charter provides the Bidwell Park and Playground Commission with the power and duty to provide for the planting and maintenance of all trees and shrubberies along the streets and sidewalks of the City and to adopt such rules and regulations as to govern and control these plantings. The general policies of the program are contained in Chapter 14.40 of the Chico Municipal Code.

Street tree maintenance has been a function of the Park Department over the years. Currently, the Street Tree and Public Planting's Division is under the General Services Department alongside the Parks Division.

Urban forest resource assessment

Tree canopy cover

The Urban Forest developed as citizens moved into a oak woodland, with a large riparian compliment of tree species. Some areas were more forested than others, especially near the creeks. In other areas, citizens wanted and needed more shade and other benefits so trees were planted throughout the town. Trees continue to be planted in areas lacking canopy cover, such as in new developments in the eastern and northern parts of Chico that did not have originally have trees. As trees and gardens are planted, plant diversity increases. Some of the newly introduced species have become invasive, especially within Bidwell Park.

There has been no specific scientific measurement of canopy cover or canopy development over time for the City of Chico. Aerial photographs, though, show the older regions of Chico have a canopy cover much greater than newer developing areas, especially where grasslands existed there previously.

A view of the City from Google Earth shows 100% canopy over Bidwell Park, with a much smaller canopy over the rest of the City. Some of the older neighborhoods may approach 50-60% canopy cover, but many areas are closer to 10-20% cover. This cover includes both street trees and private and commercial trees.

The citywide street tree inventory database consists of over 30,000 records, which represent 224 species of street trees. The database was updated in 2008 to 2010, as well as mapped on the city's GIS system. The street trees provide a canopy cover that shades 21.03% of total street and sidewalk area, or 2.20% of the City's total land area.^[3] Park trees, and trees on private and commercial lots, add to this canopy although it has not been quantified.

Street trees

Chico's street trees were planted by citizens who wanted the benefits of shade, food and beauty. As a result, there is a huge variety of street trees, and although there has been some effort made to create streets with single species, most streets contain a mixture of species. Trees continue to be planted in all new subdivisions, and new species are always being sought to enhance the diversity and to provide the benefits that citizens desire while reducing the inconveniences of trees to a modern society living within a forest.

As of the most recent inventory completed in 2010, there are a total of 30,631 street trees, plus 3,546 open planting sites. Tree health is generally fair to good, with 55 percent of the trees being in fair condition and 22

percent ranked as good. Ten percent (10%) of the trees are ranked as in poor or dying condition and another 10% are rated as having excellent vigor.

Within the street tree population, a great deal of diversity of species exists. However, managers need to be diligent in making certain that favored species are not overplanted. The population contains:

- 78 Genera
- 214 Species and cultivars
- Top 6 Genera make up 43% of Population
- Top 5 Species make up 21% of population

Street tree diversity adds to the complexity of habitat for birds and other wildlife. Since trees are a food source for this wildlife, a consequence has been an invasion of young non-native trees into Bidwell Park and along the other riparian corridors where soils are fertile and sites available.

Twenty Most Common Species

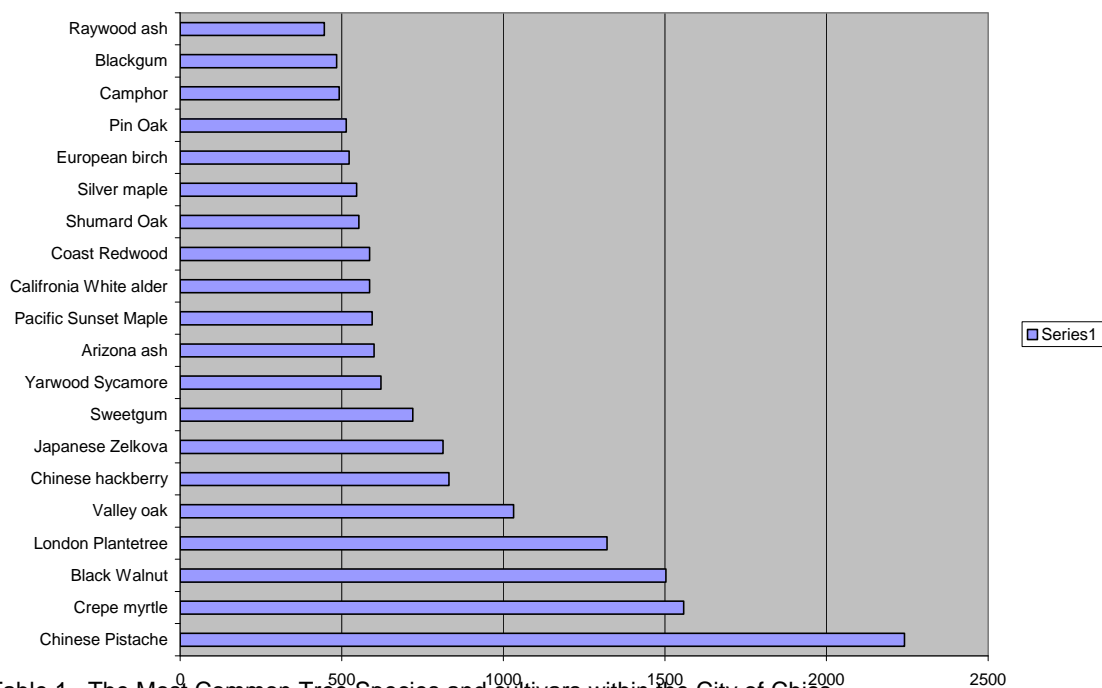


Table 1. The Most Common Tree Species and cultivars within the City of Chico

There are a total of 3546 planting sites available for new trees. These resulted from older trees being removed and not replaced, from newly planted trees in developments not thriving, or from other undocumented events. Open planting sites present an opportunity to plant new species and genera and to change the population to more favorable and desirable species. For instance, there is a desire to reduce the population of Chinese pistache, London plane and other non-native sycamore, which are impacting the native tree population in Bidwell Park. This goal can at least be partially realized by eliminating London plane and female pistache trees on the tree planting list.

Street Tree Population by Size

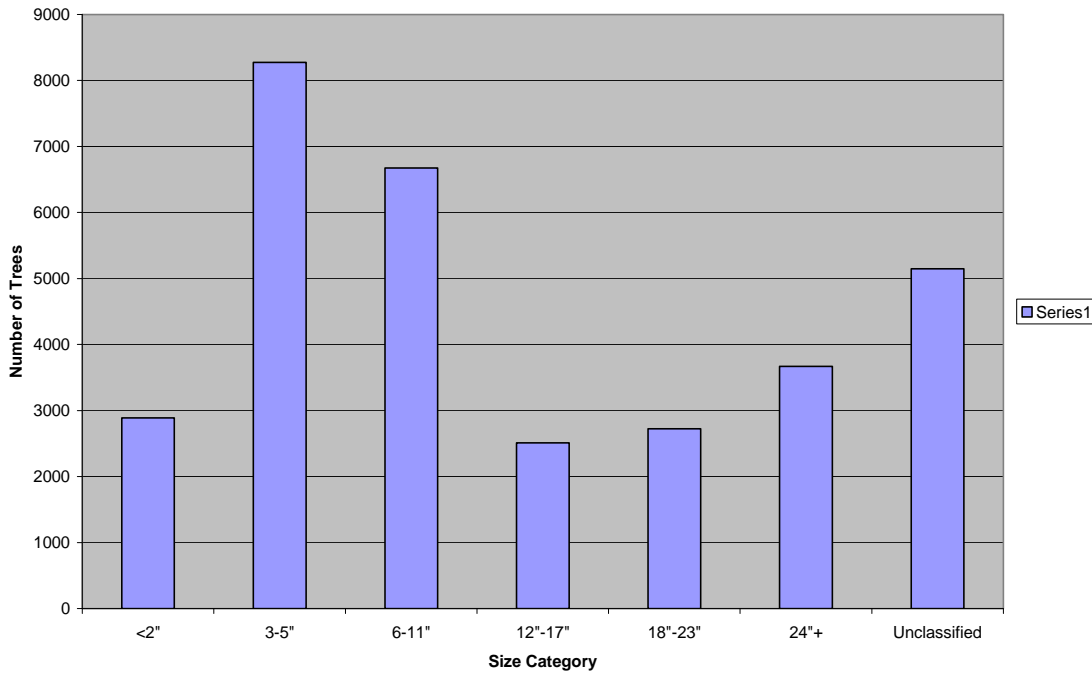
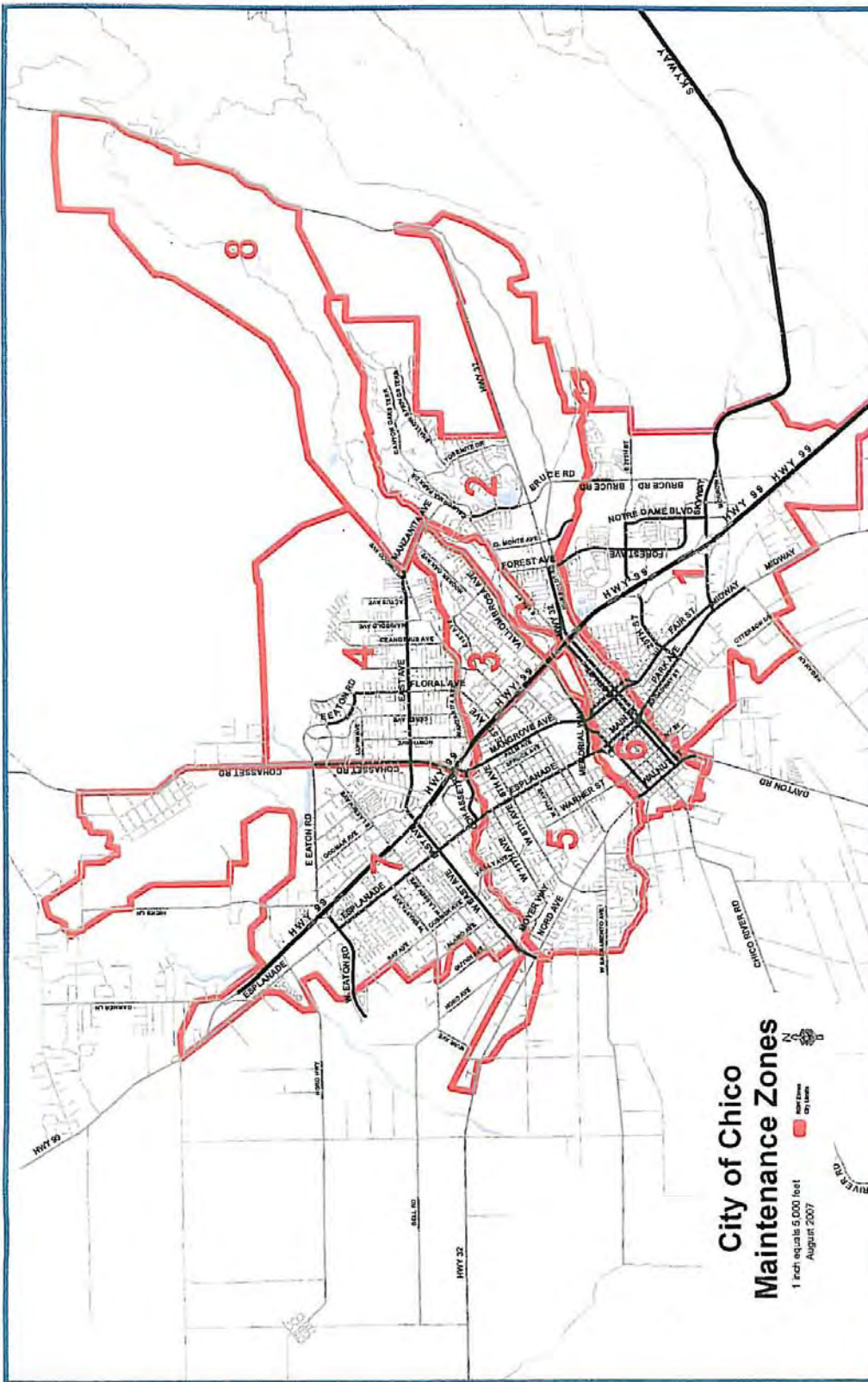


Table 2. Street trees that are currently within specific size groups.

In looking at the entire street tree population, there appears to be a relatively large number of young trees compared to older trees. At the same time, there is a gap in the middle, with the trees 12" to 23" in diameter being a relatively small number. The reason for this may be a period of time where trees were not being planted in large enough numbers. This appears to also be reflected in the number of open planting sites.

The City of Chico is divided into work zones for assignment of tree maintenance, road work and Capital Projects. These work zones boundaries are natural features, such as the main creeks east to west, and roadways north to south. To a certain extent, they correspond to specific neighborhoods.

By dividing the population of trees into these work zones, information can be ascertained as to how trees are distributed throughout the City. For instance, Work Zone 3, which is called North Bidwell, has the smallest number of trees and the largest number of empty planting sites. One reason for this is that the neighborhood contains streets that have sidewalks next to the street, and most of the trees that were planted in these neighborhoods were actually planted outside the public Right of Way. As a result, there are a large number of vacant planting sites and an opportunity to plant more street trees in this neighborhood. Northwest Chico has a relatively large number of trees and a fairly small number of open planting sites because many of homes are in fairly new subdivisions that have been successfully planted by the developers.



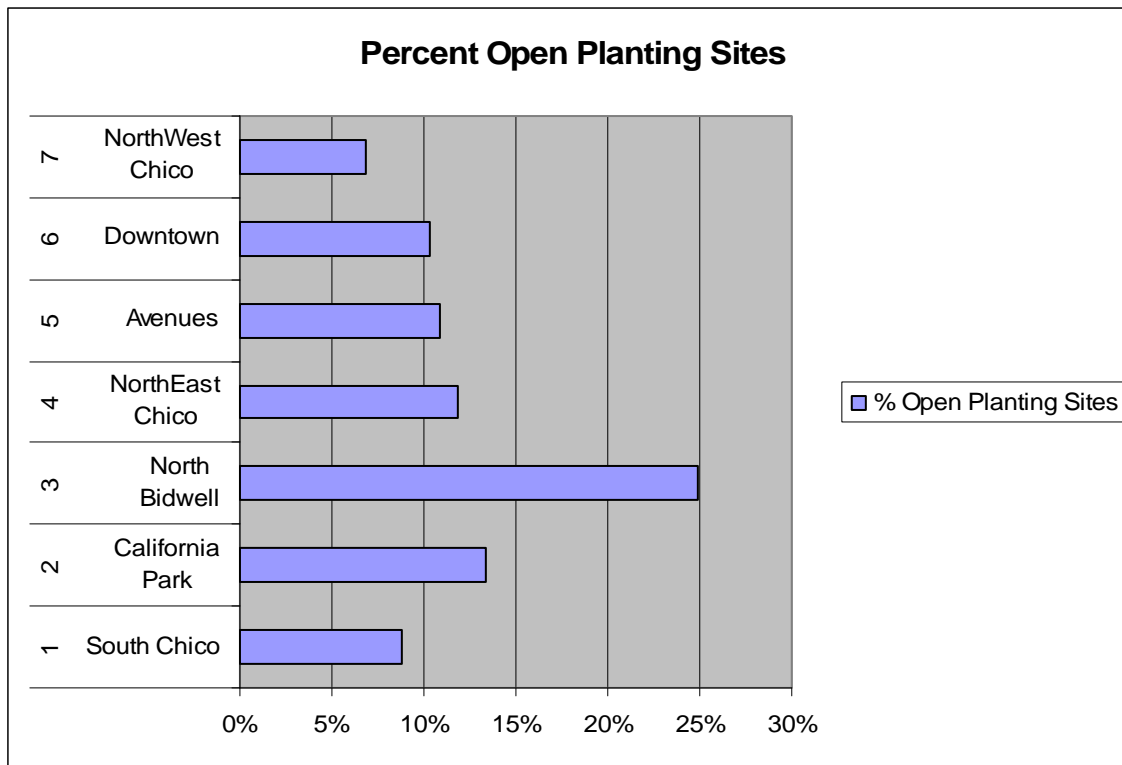


Table 3. Available planting sites within the various work zones.

Looking at the number of trees per mile of street, it becomes obvious that the older downtown zone (6) has the highest density of trees. This followed by South Chico, Northeast Chico and the Avenues.

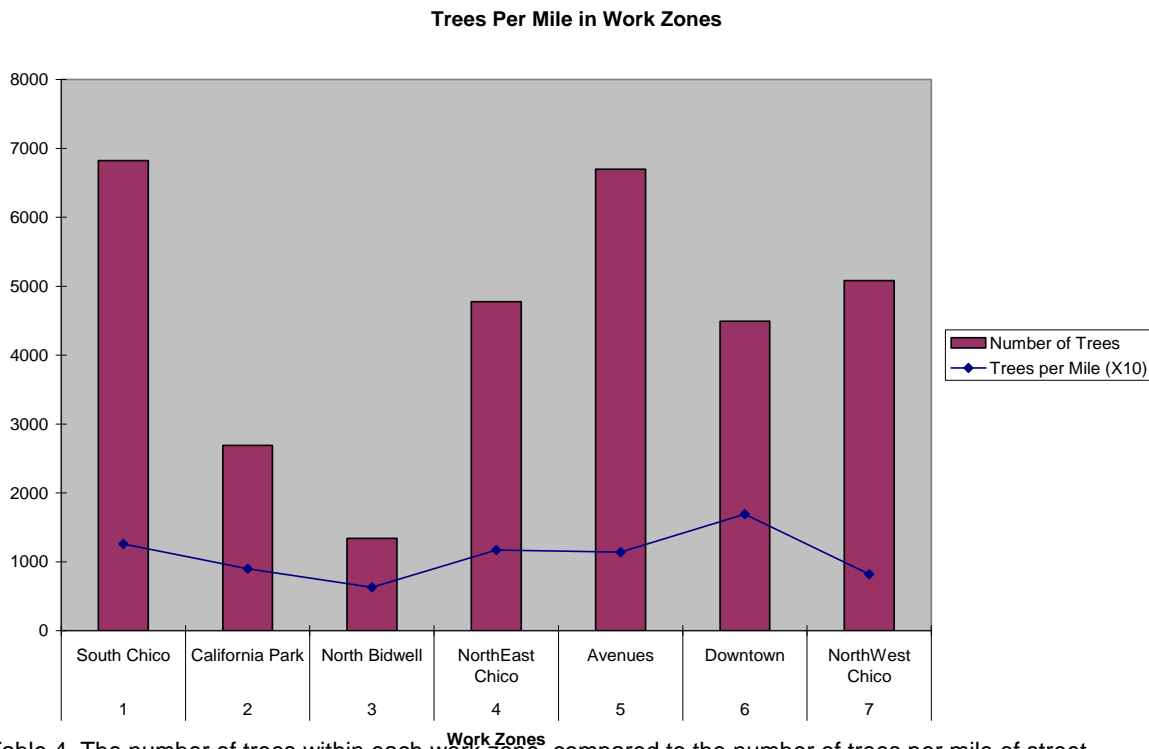


Table 4. The number of trees within each work zone, compared to the number of trees per mile of street.

If you compare the number of trees per mile of street, you find that there is also quite a range in the various work zones, from 63 in North Bidwell to 169 trees per mile in Work Zone 6, or Downtown Chico. From the actual data, it appears that the City has an average distance between street trees of 48 feet. Most of the current trees that the City is planting are recommended to be planted about 35 feet apart. This would provide 150 trees per mile of roadway.

Municipal and Facility trees

The City of Chico is blessed with a number of trees and landscaping at their City-owned facilities. Likewise, Bidwell Park, the University and many of the commercial developments have an extensive number of trees growing and/or planted on their grounds. However, there continues to be opportunity to encourage commercial sites - whether large or small - to plant more trees, especially in the more industrial areas of Chico.

Landscapes and trees add to the essential nature of Chico's gateways: Highway 32, Highway 99, the airport, transit center and parks all provide a sense of place to those entering the City. While the term "Urban Forest" may not enter the minds of most people, as they enter the heart of Chico there is no doubt that the trees and the forested atmosphere of the community make a lasting impression. Likewise, when people see cared for landscapes and parks, they gain the impression that the community cares deeply for its environment.

Parking lots and trees in commercial developments

The City of Chico has a Parking Lot Shade Ordinance (CMC 19.70-26) that requires 50% shade over the lot within 15 years. There has been some success with this ordinance, but many of the parking lot trees struggle with soil compaction, heat, inadequate soil volume and poor maintenance. Those lots that have been well designed and diligently cared for, especially with good irrigation, do achieve the required shade.

One problem with the ordinance is that there has not been follow up to require that the lots are in fact reaching the goal. Another recent development has been that there is no requirement to maintain landscapes when a property changes hands or is temporarily vacant due to economic downturn or bankruptcy of the business. These landscapes are far more expensive to replace than to maintain, but that reality seems to be overshadowed by the negative economics of the moment.

Recent advances in solar power have prompted at least one lot to be covered by solar panels rather than tree canopy. While this is good from a carbon production standpoint, it would be a problem were it to occur all over town. A balanced approach will need to be considered as this trend has become quite popular.

Bidwell Park trees

Bidwell Park is the largest concentration of native trees in the City of Chico, with a canopy of nearly 100% in Lower Park. Its influence on the community cannot be overlooked. The reservoir of native species within the Park has a huge influence on the surrounding neighborhoods, and many native trees can be found regenerating throughout Chico, especially the valley oak (*Quercus lobata*).

Tree management in Bidwell Park has already been addressed in the Bidwell Park Master Management Plan. Policies in regard to tree pruning and removal are also in place. As a result, management of the trees within Bidwell Park will not be covered in this Urban Forest Management Plan. The focus of this plan will center on the street tree population and how the Street Tree Division can influence the further planting and care of trees on private property.

Neighborhood Parks and Open space

Chico is blessed with a number of neighborhood parks that have a few trees planted in them as well. Most of these are under the management of CARD – the Chico Area Recreation District. Those that are the City of Chico’s responsibility are listed below.

Children’s Playground	Shasta Avenue north of 1 st and Broadway
Ringel Park	Main and 1 st Street
Deport Park	Cedar St between W 5 th and 6 th St
City Plaza Street	Between 4 th and 5 th Streets and Broadway and Main
Junction Park	South of 9 th Street between Main and Park Avenue
Knob Hill/Husa Ranch Park	West end of Lakewest Drive
Humboldt Greenway Park	Humboldt Road across from the Police Department
Little Chico Creek Greenway Park	Humboldt Road west of the freeway, at Willow Street
Westside Gardens	Northeast of Highway 32 at Rosetti and Ruskin
Hutchinson Greens	East 20 th St at Doe Mill
Preservation Oaks Preserve	North End of Preservation Oaks Drive
Emerson Park	East end of Hartford Drive off Forest Avenue

Children’s Playground is the oldest of these parks, and therefore the most “forested”. It contains one of the City’s Heritage Trees, as well as several other significant trees. Other parks also contain significant trees, some of heritage stature. As the younger parks age, they also will develop more significant canopies.

There are additional neighborhood park open space areas that were built as detention ponds for storm drain storage and filtration. While two of these basins have successfully developed as parks, most remain as dry basins in the summer. Still others become a virtual wetland due to the drainage that comes off lawns and gardens of the neighborhood. Management has changed over the years to keep the ponds as dry as possible, with less vegetation during the summer months, in an effort to keep the prevalence of West Nile Virus to a minimum.

Public Landscapes

Public landscapes consist of lands planted for community benefit. Most are supported by 133 Chico Maintenance Districts (CMDs), plus 2 Landscape and Lighting Districts. These areas of town are maintained by a landscape contract, which is the largest service contract in the City. Public landscapes encompass approximately 183 acres and 18 miles of street that have some form of landscape to be maintained. These include:

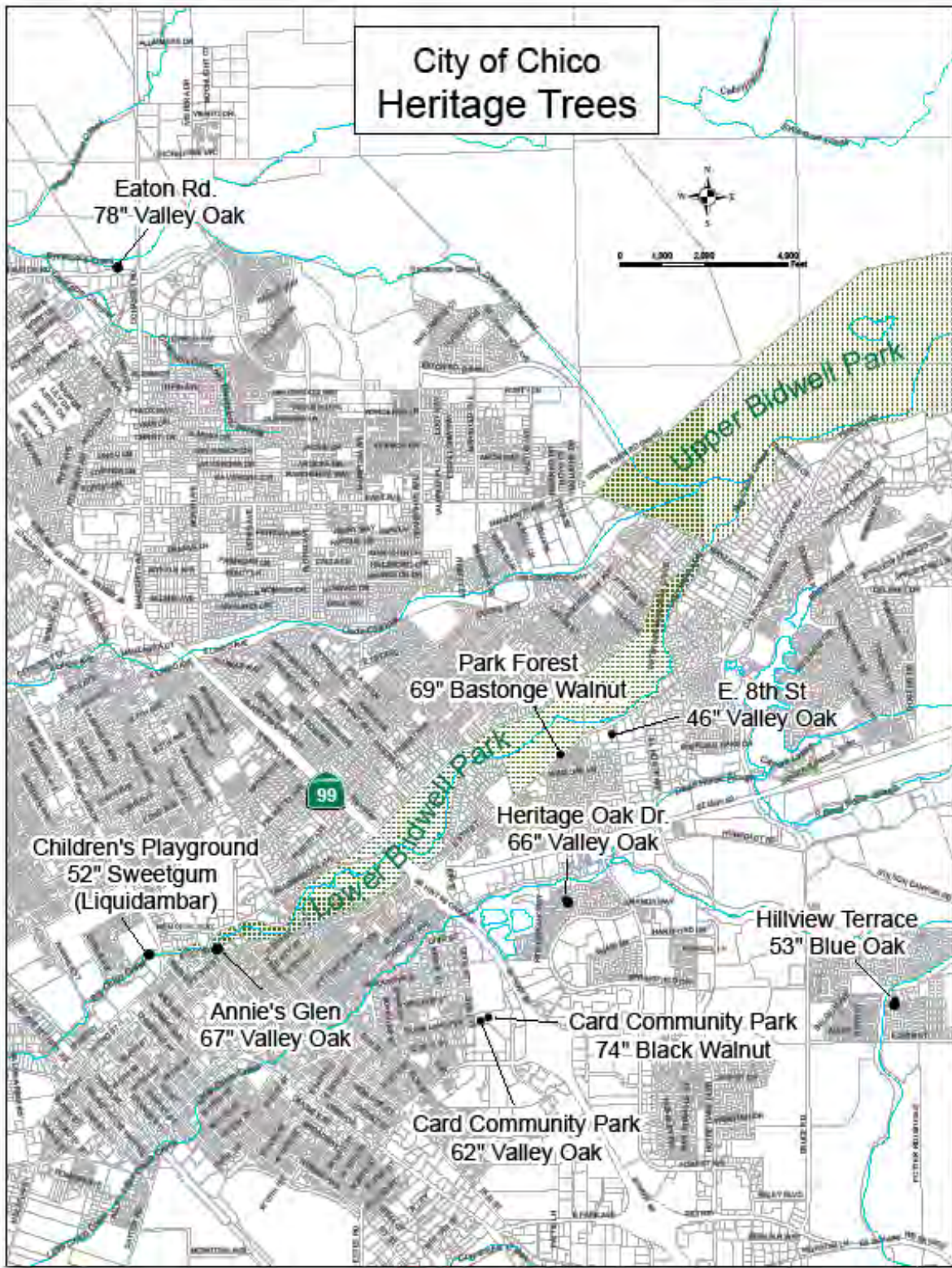
- “Backup” areas along a street, where a fence or wall surrounds a subdivision
- Entrances to subdivisions
- Retention Ponds
- Formally landscaped bike paths
- Medians
- Freeway landscape areas
- Flat mow areas where the only maintenance is to keep tall weeds under control

Open space trees

There are many acres of open space within Chico, mostly as preserves that have been set aside by developers. These are for the most part kept natural, with very little management. Most of the open spaces are grasslands, but there are a large number of trees associated with the greenway system of lands along Big Chico Creek outside of Bidwell Park, Little Chico Creek, Lindo Channel, Sycamore Creek, Comanche Creek and several sloughs that flow through the City. For the most part, trees along these greenways are not actively managed, but are left in their natural state. One issue that is prevalent in Bidwell Park and elsewhere is that privets, tree of heaven, giant reed grass and other weed species have invaded the native riparian areas and require aggressive removal and management if the native vegetation is to be encouraged.

Heritage trees

The City of Chico instituted a voluntary Heritage Tree program in 2010 that is contained in the Chico Municipal Code (CMC 16.68). This program has included a total of 9 trees to date. The City nominated a number of trees located on City property, including Parks, Open Space and street trees. CARD, Chico Area Recreation District, nominated 2 trees at its 20th Street Community Park. Two private citizens have come forward so far to nominate a tree. One is in a new development, and highlights the effort to preserve a large Bastogne walnut. The other is a valley oak located in a residential yard. The City encourages more citizens to nominate trees in the future.



Environmental benefits of street trees and landscapes

Analysis of the citywide 2008-2010 inventory dataset by i-Tree Streets calculated that Chico's street trees annually sequester 2,387,078 pounds of atmospheric carbon dioxide. Avoided CO₂ emissions resulting from energy savings through shading and wind blockage benefits were calculated by i-Tree Streets to provide an additional 3,243,898 pounds of carbon dioxide benefits that would hypothetically be emitted in the absence of street trees. Conversely, 767,922 pounds of carbon dioxide were found to be emitted annually through decomposition of trimmings, removed trees, stumps, leaf litter, dead roots belowground, and all other forms of street tree biomass. Additionally, 43,546 pounds of carbon dioxide were determined to be emitted annually through maintenance releases in the form of fuel consumption by tree maintenance vehicles, chain saws, and leaf removal equipment. The resulting net balance of 4,819,509 pounds represents the net annual carbon dioxide benefits provided by Chico's street trees.

Carbon Storage

According to model analysis, 67,294,572 pounds of atmospheric carbon dioxide are **stored** by Chico's street trees. This mass of carbon dioxide was collectively sequestered by street trees throughout Chico in previous years, with the oxygen component released to the atmosphere and the carbon stored in above- and below-ground woody tissues among Chico's current street tree population. i-Tree Streets reports storage in terms of atmospheric carbon dioxide, despite the fact that woody biomass is not composed of carbon dioxide.

Energy Savings

Energy savings analysis determined that the environmental benefits provided by Chico's street trees result in annually reduced citywide consumption of 3,452 mega-watt hours (MWh) of electricity and 5,348 Therms of natural gas.

A comparison of street tree population and total energy reduction benefits (electricity plus natural gas) in each maintenance zone illustrates the energy avoidance efficiency of various sections of Chico's urban forest. Work zones 5 and 6, which have the largest number of older trees in Chico, have significantly greater proportions of energy benefits than a corresponding proportion of the total tree population.

Air Quality Benefits

Air quality benefits provided by Chico's street trees were expressed in three categories: deposited/absorbed pollutants via leaf surfaces, avoided emissions that would have been generated in the absence of street trees, and emissions of biogenic volatile organic carbons (BVOC) naturally produced by trees.

Deposited air pollutants assessed are: ozone (O₃), nitrogen dioxide (NO₂), particulate matter less than or equal to 10 microns in size (PM₁₀), and sulfur dioxide (SO₂). These substances constitute 4 of the 6 principal air pollutants identified by the United States Environmental Protection Agency (U.S. Environmental Protection Agency, 2010).

Avoided NO₂, PM₁₀, SO₂, and VOC air pollutant emissions by maintenance zone were also calculated, as provided through summer shading and ambient air cooling, which lead to reduced air conditioner use across the City, and therefore reduced emissions at power plants. In addition, many well placed evergreen trees block winter winds while deciduous trees allow sunlight infiltration in the winter months, lessening use of electricity, natural gas, and wood fires for heating, the latter providing the greatest degree of locally avoided air quality benefits.

Pounds of annual deposited emissions, avoided emissions, BVOC emissions, and net total air quality benefits by maintenance zone and citywide total

Zone	Air Pollution Benefits and Emissions (lbs)			
	Deposited	Avoided	BVOC Emissions	Net Total
1	7,210.6	1,395.2	-3,411.8	5,193.9
2	1,639.5	314.4	-1,677.1	276.9
3	1,265.2	244.2	-1,180.0	329.5
4	2,629.8	539.2	-1,291.6	1,877.4
5	9,645.6	1,807.8	-6,650.4	4,803.2
6	7,699.0	1,473.4	-5,869.1	3,303.4
7	3,538.3	691.8	-2,255.5	1,974.7
Total	33,628.2	6,466.3	-22,335.5	17,759.0

Table 5. Air Pollution Benefits and Emissions in pounds (Gregory, 2011)

Storm Water Buffering

Temporary rainwater capture generated by tree canopies across the City of Chico accounts for a significant buffering of hydraulic input to the City's stormwater drainage system. The analysis determined that Chico's street trees have the potential to temporarily hold 20,461,752 gallons, or 1.62 inches of rain water annually during precipitation events on their canopy, branch, and trunk surfaces. Benefits are directly proportional to the other environmental benefits provided by street trees in the various work zones. All documented environmental benefits derived from i-Tree are supported in the Masters Thesis Quantifying street tree function and distribution: analysis of environmental services, population characteristics, and sidewalk uplift in the City of Chico, California by Gregory, 2011.

Community Values

Chico's Urban Forest covers a large percentage of area within the City limits – creating a view from the air of a natural forest. Prior to man's settlement of Chico, the forest consisted of a large grove of primarily oaks on the valley floor between the creeks and more diverse riparian vegetation along the creeks. Today, the Urban Forest canopy exists in every section of town, even in areas that were historically devoid of trees. It can be seen on aerial photographs as consisting of a large number of street trees, orchard trees, trees along creeks and in private yards and commercial areas.

Trees improve the environment in Chico. Citizens know that the City's trees provide significant benefits to them, including shade, beauty, temperature amelioration, pollution reduction, noise reduction and improved property values.

The citizens of Chico most interested in the Urban Forest see it as, and wish it to be, a continuation of the forest within its heart: Bidwell Park. They see the Urban Forest as a diverse and sustainable canopy of trees and related vegetation. While made up of trees that are both planted and native, the trees are there to create an almost continuous canopy over the City. The canopy should be multi-level, with trees of all sizes at maturity, multi-aged and diverse. It provides a plentiful habitat for birds and other wildlife, and is seen as an integral part of the community.

MANAGEMENT OF THE URBAN FOREST

The City's Street Trees and Public Plantings Division is located within the General Services Department. This Department also includes the Park Division, Public Works, Facilities, Fleet Services and the Water Pollution Control Plant.

The City has several ordinances that pertain to trees, including the Street Tree ordinance (CMC 14.40), a Heritage Tree ordinance (CMC 16.68), the Parking Lot Landscape ordinance and Tree Preservation ordinances (CMC 16.66 and 19.68).

Table 6. Summary of Tree Management Activities and Responsibilities

Activity	Activity subclass	Street Trees Division	Public Works	Parks	Planning Engineering	Other-specify
Planting	New sites				x	developer
	Replacement plantings	x				public
Pruning	Scheduled	x				
	Storm/emergency	x	x	x		
	Utility clearance					PG&E
	Street/equipment clearance	x	x			
Tree removal	Hazard trees	x		x		contract
	Clearance (for flood control, fire safety, etc)	x	x	x		
Root system work	Sidewalk/curb repair and replacement		x		x	
	Excavation for utilities	x				utility
	Construction	x			x	
Permitting	Planting	x			x	
	Pruning	x				
	Removal	x				
Outreach/ education	Property owners/public	x				
	Contractors	x	x	x	x	

Table 7. Summary of ordinance, policies, and plans already in place

Tool	Street trees	Park trees	Facility trees	Heritage trees	Parking lot trees	Other-specify
Ordinance	x			x	x	
General plan	x		x	x	x	
Specific plans		x				
Improvement standards	x		x		x	
Specifications - planting	x	x	x		x	
Specifications - pruning	x					
Hazard program	x	x	x	x	x	
Street tree master plan	x					
Approved planting list	x	x				subdivisions

Current tree management practices/programs

The Street Tree program consists of planting and establishing new trees, pruning and care of existing trees and removing dead, dying and structurally deficient trees. The work has traditionally been accomplished by the City’s in-house tree crews, under the direct supervision of a Field Supervisor. In recent years, tree planting by the crews has been eliminated, and replaced by a citizen tree planting program. Tree removals are mostly the responsibility of a contractor, so the main function of the Division is the care of the city’s 30,000 street trees, plus park needs as they arise. Assignments of priorities are made by the Urban Forest Manager.

The tree crews work primarily on routine pruning and service requests. Routine pruning consists of formative or structural work on young trees including elevating foliage over streets and in the downtown business district, as well as removing large dead limbs and reducing weight on long heavy limbs over roads, houses and parking.

Service requests result from citizens seeing a problem or having a concern about a tree’s health, structure or overall condition. Because of the backlog of trees needing pruning, service requests must be reviewed and prioritized in order to reduce hazards and improve public safety. Since many of the trees are older and quite large, service requests can take several hours to complete. The system is inefficient, but with a relatively small crew and a significant backlog of work, it is absolutely necessary to attend to the work requested.

Summer months are the most difficult, with the crews spending a considerable amount of time picking up fallen limbs. Some breakage results from summer limb drop, an unexplained sudden cracking and shedding of limbs, especially in sycamore and oak. However, most limb breakage results from heavy new growth, as well as the production of copious seeds, and defects such as co-dominant branches with included bark or decay. Numerous limb breakages over several days result in reduced work time available for individual trees and may leave potentially unsafe conditions in the tree. Budget reductions since 2008 have left the Division seriously understaffed.

<u>2004 staffing of the Urban Forestry Program:</u>	<u>2012 Staffing</u>
1 Urban Forester	1 Urban Forester
1 Field Supervisor	1 Field Supervisor
3 Tree Maintenance Workers	4 Tree Maintenance Workers
3 Maintenance Workers	
.75 Maint. Worker (Water Truck)	0.5 Maint. Worker (Water Truck)
3 Seasonal Hourly Maintenance Aides	
	1 Landscape Supervisor – Added in 2006
<u>10 Full Time Position Total Staffing</u>	<u>7.5 Full Time positions</u>

Table 8. Comparison of City of Chico staffing within the Street Trees Division from 2004 to 2012.

Using annexation, growth and population data from the Planning Department as a basis, the overall increase in tree population since 1991 is shown below. The main reason there is no increase in the tree population from 2003 to the current year is that during the recent tree inventory a fairly large number of trees that had been previously included were found to be outside the Right-of-Way, and therefore actually residential trees. These trees are no longer cared for by the City. Another reason is that trees along Highway 32, which are Cal-Trans responsibility, are no longer active trees within our system. There remain about 300 to 500 trees in the inventory that have not been updated and properly located on the GIS system. The Field Supervisor and Urban Forest Manager update the trees as service requests are reviewed, but a goal of the Division is to complete the inventory with the help of an intern from the University.

Tree Location	1991	1996	2003	2010
Right-of-Way Tree Sites	14,000	17,586	30,812	36,500 Projected (30,161 Actual)
Percent Increase Over Time		25%	90%	188% (Zero from 2003)

Table 9. Street Tree Population Growth Over Time, Using 1991 as Base Year¹

Because the crews see limb breakage from trees with poor structure, they appreciate the time they are given to provide formative pruning of young trees in the winter months. Keeping the limbs smaller in diameter than the trunk, and elevating the foliage to the right height above the street greatly reduces future problems that can cause limb failure.

Tree removals are usually assigned to a contractor, although City crews do remove the occasional tree that has broken or is in a dangerous condition. Budget cuts have reduced the number of trees to be removed to less than 100 trees per year. There is a backlog of tree removals, and a larger backlog of stumps that require grinding. At the same time, there is an increase in the number of dying and declining older trees, so the number of trees needing removal is actually increasing. There is a larger backlog of requested tree removals due to sidewalk damage, surface root intrusion in lawns and other perceived inconveniences caused by trees, such as leaf drop and branches growing over structures.

Tree planting is performed by several entities. Currently, developers plant their own trees when new homes are built, or if the home is built after the sub-division has been accepted, the homeowner is responsible for tree planting. Since 2010, the City no longer routinely plant trees to replace those lost, although it is fully expected that the program will be reintroduced at some point in the future.

As a result of crew and budget cuts, the Urban Forest Manager proposed and started a campaign to have citizens plant and care for their street tree. This serves to help educate the citizens on proper care of the trees as well as reducing the number of calls for relatively minor care issues, such as the trees coming loose from the stakes.

Public landscapes are developed as an integral part of each new subdivision, and are generally maintained through the establishment of Maintenance Districts, that are funded by specific property taxes to care for the plants, lawns shrubs and trees planted around and within the new residential areas. These landscapes are currently managed through a landscape contract. Replacement funds are also accumulated in the maintenance districts and can help pay for the renewal of landscapes. However, much of the time, the actual costs of maintenance and replacements are greater than those estimated by the developer, engineers and landscape architects when the projects are first proposed. However, the process had been a huge benefit to the Community as a source of funding for our public landscapes, medians and community parks.

Tree species are assigned to each new street subdivision, the selection being made by the Urban Forest Manager. Some of the species used over the last 20 years have been found to be undesirable and are therefore no longer being planted. As a result, these species have resulted in a fairly large number of requests for removal of trees in the 8" to 18" diameter range. Requests are most often due to rooting issues causing sidewalk lift or lawn damage.

Soil compaction is actually the main cause of surface rooting. It results from construction practices, when the entire lot is highly impacted, and then little attention is paid to the soil before it is landscaped. Such practices should be reviewed and more attention paid to remediating soil structure in residential subdivisions prior to landscaping. Failure to address the issue results in tree removal after 5 to 10 years for trees that should have been an asset for 50 years or more. This is discussed in greater detail under the Landscape Resources goals and objectives.

When trees die, decline or become hazardous, their ultimate use should be as beneficial to the City and the planet as possible. Chico has a rich heritage of using wood from its many "claro" walnuts to produce final products from gun stocks to fine furniture. The use of other woods, including pistache, sycamore and oak should also be encouraged. A program of actual sales of the large walnuts as they decline could provide some additional funding for the City.

STRATEGIC PLAN

The Tree Committee of the BPPC developed the following definition of Chico's Urban Forest.

Chico's Urban Forest is made up of trees and related vegetation within the City's parks, along the streets and creeks, and within private property. The urban forest provides an essential character to the City that includes aesthetic values, functional benefits and ecosystem services to its citizens both individually and as a whole. The elements of the urban forest exist throughout the community, although their care is under several jurisdictions, including both private and governmental entities.

This plan will provide for the care and management of that forest to produce the benefits and services described above. During the last 5 years, a number of issues have surfaced within the urban forest that should be addressed. These are listed below. Some policies and procedures have already been developed to address these issues, but others are less formal.

This document seeks to memorialize the policies and procedures in an actual plan that is vetted through the process of public involvement and discussion. As these policies and procedures are developed, they should be added to the Urban Forest Management Plan in the Appendices. This will create a document that becomes a working plan for the current and future Urban Forest Managers.

Issues and needs

Issues, goals and objectives were discussed in detail with the Tree Committee of the BPPC, and with members of the general public and stakeholders who attended the meetings. Each set of issues and goals were presented, reviewed and discussed at separate meetings, and then reviewed again at the following meeting. The issues and goals were then presented to the Bidwell Park and Playground Commission as reports on each meeting. Technical review and informative insights were provided by the Street Tree Division staff and the California Urban Forests Council. Citizen review has also been solicited through the City's web site. All discussions and comments were taken into consideration when developing the final plan.

Tree Resources

- **ISSUE:** Public safety is compromised by the inability to maintain regular pruning and care of the trees within the forest. A normal pruning cycle for large trees should be every 5 to 10 years. At this point Chico is only pruning or removing the most hazardous situations, rather than performing routine maintenance. This is leaving a number of precarious situations in trees. Tree Crews are constantly required to leave dead branches in trees, etc, just to get the most urgent work completed because they are called off a job to pick up broken or hanging limbs, thereby increasing the inefficiencies of the process.
- **ISSUE:** There is a backlog of maintenance needs. A detailed pruning cycle and budget to accomplish it needs to be established so that individual trees are pruned regularly. The Standard of Care for Chico's urban forest should be high, based on the concept of enhancing the longevity of the trees within the forest. Production standards for the tree crew need to be analyzed and improved. In order to get back to a routine prune cycle, it will be imperative to fund a contract for tree pruning, as well as the current tree removal contract, to allow for greater flexibility in managing the trees with limited staff.
- **ISSUE:** There is a backlog of empty planting sites, leading to inadequate canopy coverage in some areas. Maintaining a multi-aged stand of trees requires planting throughout the City each year where planting spaces are available. The City needs to develop a program to increase tree planting opportunities, including seeking grants for this purpose. Staff also needs to work with other departments to establish better procedures for planting new trees in developments and for insuring that trees are planted according to Professional Standards.
- **ISSUE:** Diversity is important to the resiliency of the tree population. The Urban Forest should be a diverse and sustainable canopy of trees and related vegetation. Wherever possible, with adequate space and appropriate growing conditions, native trees species should be planted. Habitat values of trees should be emphasized.

Landscape Resources

- **ISSUE:** Landscape Design Standards for all new landscapes need to be reviewed in an effort to improve long-term appearance and water conservation within the City's public landscapes. Developing specific landscape goals with lists of plants and irrigation systems will help reduce the long-term cost of maintenance. In addition, prohibiting specific species known to be invasive in Bidwell Park reduce the need for aggressive and continued invasive plant management.
- **ISSUE:** Landscape Standards are not modernized as new equipment, techniques and practices are developed. This is mostly due to a lack of time and expertise. Staff should encourage the hiring of a landscape professional in the Planning Department to foster better communication and constant upgrading of systems.

- **ISSUE:** Irrigation systems are not being upgraded in a timely manner to provide for better water conservation. As such, the costs of maintenance escalate. Instead of new irrigation systems being installed, money is wasted repairing obsolete equipment and systems. A complete review of Standards is needed on a 5 year basis, including types of controllers, preferred equipment for City projects, and new science-based water management systems. Identify and prioritize the larger, publicly funded areas of Chico's landscapes that need to be retrofitted. Explore opportunities to obtain community or grant funding for these projects.
- **ISSUE:** Maintenance costs must be a major component in the design review for new landscapes in Capital Projects. Currently they do not adequately address future maintenance needs and funding for new landscape materials, except in residential maintenance districts. Projects costs should be projected and budgeted over a 12 month period to provide a reasonable starting budget for the project. The practice of eliminating or reducing landscaping and tree planting in Capital Projects because of cost overruns needs to be discouraged.
- **ISSUE.** The Landscape contract is the largest maintenance contract in the City. It is extensive and can be cumbersome. It needs to be reviewed to make it more cost effective and efficient to administer. Specifically, better methods to gain adherence to contract requirements, reduction in the dependence on herbicides and ways to reduce the cost of unforeseen repairs should be incorporated into the analysis. Budgets also need to be assessed, especially those supplied by the General Fund.
- **ISSUE:** Over the last 3 to 4 years, properties that have gone into foreclosure have allowed landscapes and trees to die, at a cost to both the new owners as well as the community at large. The city needs to explore ways to require owners of property that becomes vacant to maintain the landscapes, especially the trees, on the site. This may require a new ordinance.
- **ISSUE:** Review the issue of Community Gardens to be certain it is being addressed in a satisfactory manner. This is more of a Planning discussion, but the Urban Forest Management Plan should at least address, and perhaps take the lead, in reviewing the City's policies around this issue.

Management

- **ISSUE:** Staff has not been given clear direction from Management on what the overall character and appearance of the Urban Forest should be. The General plan alludes to the concept of having "complete streets" which includes street trees, but the space allotted for these trees is often not large enough to establish a canopy without some infrastructure damage. As a result, many new subdivisions experience sidewalk issues within 10 to 15 years of establishment and simply want the trees removed or replaced, rather than tolerate some of the inconveniences of having trees. Soil compaction resulting from building practices adds to this problem. Staff proposes that in most new subdivisions, standards be developed for reducing soil compaction prior to landscape installation. In addition, the Urban Forest needs to be clearly defined and provided for in new developments, such as:

"Provide for an urban forest that contains large trees over the main corridor streets where space allows, in large planting strips, in open space and parks. In residential subdivisions, maintain a population of young, moderate sized and vigorous trees. As a result, there will be almost continuous canopy over the City that is multi-level, with trees of all sizes at maturity, multi-aged and diverse."

- **ISSUE:** Street Trees and landscapes are not being routinely maintained because of budget shortfalls. Staff should examine productivity and set standards for care, requiring better accountability in operations. Staff is using maintenance district funds where possible for tree care, reducing the work load for the street tree crews. However, adequate budgets and staffing must be provided to maintain trees in the manner required by industry standards.

- ISSUE: The Street Tree Ordinance, (Chico Municipal Code 14.40) was last updated in 2000 and needs to be reviewed and upgraded to improve its functionality. For instance, the code makes reference to shrubberies - while the City may have pruned shrubs in the distant past, this is clearly a private responsibility. Shrubs that grow to tree size should be disallowed and any hedge planted within a specified distance from a street should be discouraged. Clearances over roadways need to be increased.
- ISSUE: The Street Tree Master Plan required in CMC 14.40 is out of date and except for major corridors is probably not needed. Should the BPPC want a thorough Master Plan for street trees, then a grant to develop the Master Plan should be sought.
- ISSUE: The Street Tree Inventory is not fully updated – about 3000 trees remain to be re-measured and located. This could be done by an intern or through a grant. In the meantime, trees will continue to be upgraded as they are removed, planted or pruned.
- ISSUE: Measures needed for tree preservation on new projects are not fully understood. Discussions are under way with the Planning Department on how to better coordinate tree protection when plans are submitted. Staff is also on the calendar to address the Architectural Review and Historic Preservation Board (ARHPB) regarding the existing tree protection regulations and physical requirements for tree preservation. Staff could use more guidance from the BPPC in regard to how diligent staff should be in pushing for tree protection. Staff believes an important concept that has not yet gained acceptance is to preserve young, smaller trees on some sites in lieu of larger mature trees.
- ISSUE: Current end use of trees is not achieving the highest and best value for the wood. When trees die, decline or become hazardous, their ultimate use should be as beneficial to the City and the planet as possible. The use of chips is required in all landscaped areas because they are beneficial to soil and plant health, result in water and soil conservation and improve soil fertility. The sale of commercial wood products, including logs, should be considered a good end use for trees. Black walnut in particular is a valuable asset that should be sold as an asset and not simply removed.
- ISSUE: Trees creates significant ADA sidewalk issues that need to be addressed. The City code places the responsibility for sidewalk repair on the adjacent property owner, yet the City has not used this code to aggressively pursue sidewalk repairs due to tree roots. At the present time, the sidewalk program has limited resources that allow only a few situations to be addressed each year. To reduce future sidewalk damage, trees should only be planted in adequately sized planting strips. The city should also review sidewalk design criteria in an effort to reduce sidewalk displacement by tree roots. To reduce ADA liability, specific corridors for ADA access need to be defined and publicized.

Community

- ISSUE: Trees are dying because citizens don't understand how to care for them. More education is needed to improve tree care, so that staff should develop and distribute more information regarding the selection of good trees at the nursery, the care of young trees, including planting, proper soil preparation, watering, and pruning. In this effort, it would be highly beneficial to have such information included in packets for new homeowners.
- ISSUE: Citizens don't appreciate the benefits of trees, and often focus on the perceived problems of leaf drop, etc, rather than the value of shade and other benefits. Staff should develop a more aggressive educational program to improve citizen understanding of the functional benefits of trees

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- ISSUE: There are few volunteer opportunities within the Urban Forest; these need to be developed and expanded. They could include tree planting, young tree pruning and removal of stakes. Staff should also continue to encourage citizens to plant and care for their own street trees, and invite interns from CSUC and Butte college programs to participate in the program.
- ISSUE: Tree topping on private property leads to degraded landscapes and potentially hazardous conditions that can threaten the public ROW and citizens. Poor pruning practices occasionally occur in parking lots as well. Citizens who understand the potential harmful affects of poor pruning practices requested the city address this issue, at least through an educational program.
- ISSUE: Citizens sometimes plant, prune and remove trees without permits, so the process should be included in educational programs. As such, the process should be closely reviewed to see if it can be improved. The web site should also be improved and regularly updated to improve citizen awareness of program benefits and procedures. When needed, Code Enforcement can assist with issues regarding City Code.
- ISSUE: Citizens occasionally remove trees on private property that impact neighboring properties or are viewed as community assets. Staff should explore ways to influence the management and retention of trees that are owned and managed by other entities, such as trees in private yards or commercial developments, including CARD, the County, the University and others.

GOALS AND OBJECTIVES

Tree Resources

GOAL	RATIONALE	SHORT TERM OBJECTIVES	MID TERM OBJECTIVES	LONG TERM OBJECTIVES
<p>1. Implement a program for enhancing public safety and reducing risk to citizens from trees.</p>	<p>Deferred maintenance has resulted in an increased number of trees with defects such as dead limbs or stem and root decay that may lead to failure, increasing the risk and liability to the City.</p>	<p>a. Define and publish a written policy for prioritizing work.</p> <p>b. Base all tree care on existing ANSI Safety and Tree Care Standards per ISA BMPs.</p> <p>c. Reduce the backlog of maintenance. Encourage citizens to care for the trees in front of their homes, by providing permits to approved tree services.</p>	<p>d. Budget for a tree pruning contract that focuses on high priority needs of large trees, while the crews focus on routine formative pruning and emergencies.</p> <p>e. Adopt the new ANSI Tree Risk Assessment as the Standard for assessing risk and assigning priorities for tree work.</p> <p>f. Analyze and revise current tree pruning and production standards.</p>	<p>g. Establish a recommended pruning cycle, with number of staff and associated costs.</p> <p>h. Explore tree service discounts for City street trees.</p>

GOAL	RATIONALE	SHORT TERM OBJECTIVES	MID TERM OBJECTIVES	LONG TERM OBJECTIVES
2. Define the character of Chico's Urban Forest	An overall policy that defines the character and appearance of the forest is necessary for decision making. The General Plan calls for "Complete Streets" that include trees, but does not specifically state how the trees should relate to the street.	a. Establish policy and obtain agreement from the Bidwell Park and Playground Commission that the Urban Forest should provide a specified character to the City of Chico.	b. Create policies that provide adequate-sized planting strips in new developments so that large trees can be planted. Update the list of trees to be certain that selected species can provide large canopies without creating sidewalk damage. c. Upgrade the approved street tree species list.	d. Create an almost continuous canopy of trees over the City. This canopy will be multi-sized, multi-aged and of diverse species.
3. Enhance tree planting to reduce the backlog of empty planting sites	Consistent planting helps maintain a multi-aged stand of trees throughout the City. It also allows the Urban Forest to experience species change as new cultivars are developed to address issues of older species.	a. Explore grant opportunities to fund a larger tree planting program.	b. Establish a non-profit within the community to encourage neighborhood tree plantings and stress the importance of tree planting.	c. Transfer responsibility for tree planting in subdivisions to the Street Tree Division to insure trees are planted to the City's standards.
4. Encourage diversity in the Urban Forest	Diversity of species creates a forest that is resilient to pest and disease invasion. It also creates a more attractive and interesting forest.	a. Analyze work zones and set specific objectives for each zones in terms of species diversity.	b. Recognize and remove invasive species from the Urban Forest to the extent possible given budgets, etc. Seek grant funding for this project.	c. Study and develop a rating of habitat values for tree species used in the urban forest.
5. Improve planting standards.	Young trees die or fail to thrive due to circling roots and poor care after planting.	a. Review and revise planting standards as needed. b. Improve communication between departments regarding the reasons for provisions of tree planting standards. c. Review current specifications for nursery stock tree selection.	d. Improve the inspection process for the installation of new landscapes e. Establish inspection protocols and timeframe during the development/construction process f. Enforce standard pruning practices on private commercial parking lots so that the trees attain the required shading as quickly as possible.	g. Bring oversight of all tree planting to the Street Tree Division, rather than the building Department. h. Require trees in new Capital Projects to be fully established - to have been in the ground and thriving after one year before final acceptance. Include the requirement of a performance bond for all tree planting projects.

Landscape Resources

GOAL	RATIONALE	SHORT TERM OBJECTIVES	MID TERM OBJECTIVES	LONG TERM OBJECTIVES
<p>1. Improve landscape designs and practices to enable sustainable and consistent quality of the City's public landscapes.</p>	<p>By providing for better installations, appropriate plant materials and ET based irrigation systems, the City's landscapes will look better, conserve water and reduce maintenance costs.</p>	<p>a. Review and modernize Landscape Design Standards to enhance water conservation, reduce maintenance costs and improve soil health issues.</p> <p>b. Develop criteria for trees, shrubs and ground covers that can be used in City landscapes, such as those that are drought tolerant, easy to maintain, long lived, non-invasive and tolerant of Chico soil types.</p>	<p>c. Develop planting schemes that reduce the necessity for regular pruning. Endorse specific, water conserving irrigation systems, based on longevity and ease of maintenance.</p> <p>d. Endorse specific, water conserving irrigation systems, based on longevity and ease of maintenance.</p>	<p>e. Approve and encourage the use of 2 wire irrigation systems for ease of upgrading and repair.</p>
<p>2. Improve landscape soil management practices to establish deep rooted trees.</p>	<p>Soils are treated as an engineering material, rather than a biological system. But for landscapes to thrive, their biological components need to be conserved. Planting sites need to be engineered, managed and inspected as a fundamental part of the overall project, so the biological integrity of the soil is enhanced rather than compromised.</p>	<p>a. Provide planting sites with the same level of "authority" as that of the hardscape in new projects.</p> <p>b. Identify, review and revise the current policy to better define the steps developers must take to have landscape plans approved.</p>	<p>c. Develop a better procedure for final approval and acceptance of projects once complete, including the requirement that as-builts are received and scanned in a timely manner.</p> <p>d. Require electronic copies of as-builts for completed landscape projects.</p> <p>e. Develop a Public Landscapes web page that includes information about AB 1881 and landscape requirements for the public portion of planting strips.</p>	<p>f. Require that soils be treated during construction and prior to planting to reduce compaction when planting landscapes in new developments (This would be compatible with AB1881)</p> <p>g. Promote having a landscape irrigation professional within the Planning or Building Department who can better review landscape designs.</p> <p>h. Review AB 1881 compliance for potential development into Chico's version of AB 1881.</p>
<p>3. Upgrade Irrigation systems in a timely manner to provide for better water conservation and reduced maintenance costs.</p>	<p>Irrigation systems that are not upgraded fail more often, requiring extra repair costs, and leaks that waste water.</p>	<p>a. Identify and prioritize the larger, publicly funded areas of Chico's landscapes that need to be retrofitted. Explore opportunities to obtain community or grant funding for these projects.</p> <p>b. Require new controllers in public landscapes to have remote ability to enhance maintenance.</p>	<p>c. Replace old galvanized systems with new pop-up systems that have water conserving nozzles.</p> <p>d. Review efficacy of netafim drip irrigation systems.</p>	<p>e. Upgrade old irrigation controllers as budgets allow to have remote ability.</p> <p>f. Include weather and ET sensing in all new controllers installed in the City.</p>

GOAL	RATIONALE	SHORT TERM OBJECTIVES	MID TERM OBJECTIVES	LONG TERM OBJECTIVES
<p>4. Assure funding for maintenance and replacement costs in new landscapes in City projects.</p>	<p>Current projects do not adequately address future maintenance and funding for restoration of landscapes, except in residential maintenance districts.</p>	<p>a. Maintenance costs should be a major part of the design review for new landscapes in City projects.</p>	<p>b. New Projects should project and budget maintenance costs over a 12 month period. An annual maintenance period, rather than 90 days, would provide a reasonable starting budget for the project.</p>	<p>c. Discourage, through policy development, the practice of eliminating or reducing landscaping and tree planting in Capital Projects because of cost overruns.</p>
<p>5. Review the landscape contract to make it more cost effective and efficient to administer.</p>	<p>The landscape contract is complex and difficult to administer. It should probably be divided into more than one contract. Having only one contractor provides no backup to the City for the failure of a company to adhere to the contract.</p>	<p>a. Review and revise methods used to gain adherence to the landscape contract. b. Review the landscape contract to reduce the cost of unforeseen repairs to the greatest extent possible.</p>	<p>c. Incorporate more industry standards into the landscape contract.</p>	<p>d. Provide adequate budgets for landscape maintenance, as required by the contract. e. Reduce the use of pesticides to the greatest extent possible, giving preference to the use of biological and cultural controls.</p>
<p>6. Require owners of property that becomes vacant due to economic or other conditions to maintain the landscapes, especially the trees, on the site.</p>	<p>Landscapes that die as a result of foreclosure are unsightly and provide a detrimental impact to the surrounding neighborhood and community. -Replacing such landscapes is expensive and reduces the sale ability of the site.</p>	<p>a. Outline the process and responsibility for restoration should the landscape die.</p>	<p>b. Develop minimum requirements for irrigation when property is vacant.</p>	
<p>7. Review the issue of Community Gardens to be certain it is being addressed in a satisfactory manner.</p>	<p>Community Gardens are currently a planning issue, although it is often thought of as a landscape issue.</p>		<p>a. Review the current policy and upgrade where needed.</p>	

Management

GOAL	RATIONALE	SHORT TERM OBJECTIVES	MID TERM OBJECTIVES	LONG TERM OBJECTIVES
<p>1. Review, revise and update the Chico Municipal Code (CMC), Section 14.40 that specifically pertains to Street Trees.</p>	<p>The Street Tree ordinance has several sections that are out of date, or have unclear terminology and as a result impede the function of the Division.</p>	<p>a. Clarify and define terminology within the code, as well as within tree and landscape policies, to improve the quality and consistency of work standards.</p> <p>b. Increase the required clearance over roadways to 14'.</p> <p>c. Allow the removal of problem shrubs in the ROW through code enforcement action.</p>	<p>d. Require that except for City approved street trees, no plant that reaches taller than 24" can be planted in the public ROW.</p> <p>e. Review the CMC 16.66 to allow flexibility in requiring mitigation for existing street trees in new commercial or development projects</p>	<p>f. Review the feasibility and practicality of the required Street Tree Master Plan, including funding for keeping the Plan up to date.</p>
<p>2. Review the Tree Program to look for efficiencies and ways to improve operations.</p>	<p>Street trees are not being routinely maintained because of staffing and budget shortfalls. As a result, the tree resource is not being maintained as an asset, and is becoming a liability to the City.</p>	<p>b. Specify a level of service to the citizens and establish productivity standards to meet this level.</p> <p>c. Provide additional staffing to maintain trees in the manner required by the specified level of service, while meeting industry standards.</p>	<p>d. Explore the use of contract services for routine work while staffing is limited.</p> <p>e. Continue to have staff upgrade the inventory as trees are removed, planted or pruned.</p> <p>f. Complete the street tree inventory - about 3000 to 5000 trees remain to be accurately mapped onto the GIS program. This will require a commitment of resources of about 2000 hours. Explore ways to upgrade remaining trees, such as volunteers or interns from the University.</p> <p>g. Apply for grants where possible.</p>	<p>h. Track and compare the efficiency of in house crews with contract crews, if they are provided for pruning.</p> <p>i. Review funding and productivity levels in other cities. Develop an agreed upon pruning cycle that can be sustained within reasonable funding levels.</p>
<p>3. Improve staff and commission understanding of measures needed to preserve trees on new projects.</p>	<p>Many projects that seek to preserve trees on a site being developed do not allow adequate space for that preservation, per the current standards within the code.</p>	<p>a. Enhance the knowledge of City staff and appointed officials (ARHPB, Planning Commission, etc.) about tree protection measures.</p> <p>b. Address and discuss the current Tree Preservation regulations with the ARHPB and Planning Commission regarding physical requirements for tree preservation.</p>	<p>c. Consider the preservation of well placed, healthy and young trees on developing sites, rather than only the large old tree. Young trees are often less expensive and easier to preserve and will better serve as the future generation of trees.</p> <p>d. Require desirable tree preservation as a standard condition of approval for projects, including adequate room around trees for their effective preservation.</p>	<p>e. Promote importance of trees within the City</p>

GOAL	RATIONALE	SHORT TERM OBJECTIVES	MID TERM OBJECTIVES	LONG TERM OBJECTIVES
<p>4. Develop better design standards for tree planting that reduces sidewalk damage.</p>	<p>Trees create significant sidewalk damage if not planted correctly into soil that has not been adequately prepared and designed for tree roots. In addition, the allotted space for tree trunks and roots needs to consider the ultimate size of the tree.</p>	<p>a. Allow specific trees to be planted only where there is adequate space b. In high use areas, such as downtown, remove unsuitable trees and replace with more appropriate tree species.</p>	<p>c. Evaluate and improve species selection along the City defined street and sidewalk corridors for ADA access</p>	<p>d. Review sidewalk design criteria in an effort to reduce sidewalk displacement by tree roots</p>
<p>5. Strengthen the provisions of the Parking Lot Shade Ordinance.</p>	<p>Many parking lots in town have not met the current requirements of 50% shade in parking lots.</p>	<p>a. Better enforce existing parking lot building standards on newly built projects by reviewing planting sites and tree installation as it occurs.</p>	<p>b. Encourage the review and analysis of the parking lot standards to see if they can be made easier to understand and enforce, i.e. require a tree for every specific number of parking spots, rather than a square footage of coverage.</p>	<p>c. Enhance opportunities to upgrade existing lots to the current standards.</p>
<p>6. Research and develop ways for the City to obtain value from wood removed along city streets.</p>	<p>When trees die, decline or become hazardous, their ultimate use should be as beneficial to the City as possible. Many street trees are highly valued in the urban wood industry, yet the City has not considered this wood an asset when trees must be removed.</p>	<p>a. The use of chips shall be required in all landscaped areas because they are beneficial to soil and plant health, and result in water conservation. b. Encourage the establishment of a program for the sale and use of all urban wood grown in the City of Chico.</p>	<p>b. Review the tree removal contract to allow for the sale of commercial wood products from city street trees to go back into the General Fund.</p>	

Community

GOAL	RATIONALE	SHORT TERM OBJECTIVES	MID TERM OBJECTIVES	LONG TERM OBJECTIVES
<p>1. Develop a comprehensive tree education program to enhance citizen understanding of tree care and the benefits that trees provide.</p>	<p>Many citizens don't appreciate the benefits of trees, and therefore focus on the negative realities of living with trees. As a result, citizens request tree removal when fairly minor remedial work can repair the problem for several years. Also, young trees die each year because citizens don't understand the basics of tree care.</p>	<p>a. Continue to encourage citizens to plant and care for their own street trees.</p> <p>b. Develop and distribute more information regarding proper care of young trees</p> <p>c. Develop more outreach for the Arbor Day program, so that more students know of and celebrate the day each year.</p> <p>d. Retain Tree City USA Recognition.</p>	<p>e. Develop a more aggressive educational program to improve citizen understanding of the functional benefits of trees. Educate citizens about the selection of good trees to start with, and the care of trees, including planting, proper soil preparation, watering, and pruning.</p>	<p>f. Require care of young trees brochures to be included in new homeowner packets.</p> <p>g. Find ways to influence the management and retention of trees that are owned and managed by others, such as trees in private yards or commercial developments, including CARD, the County, the University and others.</p>
<p>2. Improve citizen awareness of program benefits and procedures to prevent citizens planting and removing trees without permits.</p>	<p>Citizens will sometimes plant, prune and/or remove trees within the public right-of-way.</p>	<p>a. Work with Code Enforcement when necessary to enforce City Code.</p> <p>b. Include the permit process in educational programs.</p>	<p>c. Review the process and policy regarding tree and shrub planting in the Right-of-Way.</p>	
<p>3. Enhance volunteer opportunities to assist with the Urban Forest.</p>	<p>Citizens will sometimes plant, prune and/or remove trees within the public right-of-way.</p>	<p>a. Continue to encourage interns from CSUC and Butte college programs. Develop and expand volunteer opportunities in the Urban Forest.</p>	<p>b. Develop and expand volunteer opportunities in the Urban Forest.</p>	<p>c. Reinstigate a program to teach about young tree pruning.</p>

IMPLEMENTATION PLAN

The City of Chico, like most of the rest of the state and country, is currently in a financial crisis. This means that implementing this Urban Forest Management Plan requires priorities to be set and followed. Short term goals can focus on items that can be accomplished with little direct costs to the city. At the same time, safety may require funding be increased for some items, in the interest of reducing risk to the citizens and liability to the City.

Goals are generally listed in order of priority. In addition, the objectives and action items are prioritized so that the implementation can take place over the next 5 to 10 years as the objectives can be addressed.

MONITORING PLAN

The planning horizon for this plan is 20 years, the same as for the General Plan. Therefore many of the goals of the plan are long term, but the objectives covered in the plan will provide guidance over the next 5 years. At the end of the 5 years, progress toward the goals should be reviewed, and the objectives modified as needed to better reach the long-term goals. This will be the main process of monitoring the plan.

As objectives are reviewed and policies and procedures finalized, they should be incorporated into this document, so that the plan becomes a working document. Each objective should include some form of measured outcome for monitoring progress. This can range from a time frame for implementation to more specific measurements. Monitor progress toward achieving each goal at five-year increments.

REFERENCES

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DATE: 11/14/12
TO: BPPC
FROM: Denice Britton, Urban Forest Manager
SUBJECT: Urban Forest Manager's Report

Prepared for verbal presentation at the BPPC meeting.

1. Updates

- a. Field Supervisors Report – The field supervisor's report for October is attached. The tree crew focused on service requests and downed limbs and hangers during the last month.
- b. Urban Forest Mgt Plan – The Tree Committee met to review the first draft of the Management Plan. After each revision, the updated version is being posted to the web site.
- c. Tree Removal – All the tree and stump removals for the first removal list have been completed. Staff is working to prioritize the next list based on a new Risk Assessment technique that has been established by the American National Standards Institute - ANSI A300, Tree Risk Assessment.
- d. Landscape Contract – The landscape contract has been renewed for a second year with Carson Landscapes of Sacramento. Sierra Landscape will continue as their sub-contractor locally.
- e. Couplet Project – The trees have been installed for Phase 1 of the couplet project. So far, we have been lucky that the rains have been frequent enough not to require irrigation.
- f. Tree Planting Workshops – Workshops for citizens are scheduled in November. Notices have been sent out to homeowners whose trees have been removed in the last year, or who have expressed interest in getting a new tree. At this point we have more than a dozen applications for trees, and hope that more interested citizens will come forth in the future. Staff is working on ideas to improve public knowledge of the program, including a grant with CaUFC.
- g. Tree Pruning on Maintenance District Sites – The sycamore trees on West Eaton Road and young trees on DeGarmo Drive were pruned this month under contract, with Maintenance District Funding. Whenever possible, where trees are part of the planted landscapes in such funding districts, staff is contracting out the work to keep up with routine pruning needs, especially on the younger trees.

2. Service Requests and Tree Permits

- a. Attached is a list of completed and closed service requests for the month of August.
- b. Permits received during the previous month:

Western ECI (for PG&E)	Bidwell Park West side of 2280 E 8 th St	Remove 11" catalpa growing towards high voltage lines.
North Valley Tree Service	569 E 7 th Ave	Remove 16" cherry, declining. Replacement required.

M&S Wesley Tree Service

1129 Magnolia

Prune a Camphor to obtain better clearance over the street and yard and to remove dead limbs.

405 Mission Santa Fe

Oak on Montecito, Remove low limbs over yard and fence.

3. STREET TREE MAINTENANCE

A. PROJECTS COMPLETED:

1. 60-SERVICE REQUEST- a detailed list is attached. (374 hours)
2. IRRIGATION- 94 hours spent watering approximately 425 trees on a two week cycle.
3. DOWN LIMBS AND HANGERS- 103 hours at numerous locations.
4. SAFETY MEETINGS- 9 hours.
5. PREP TIME AND DOT INSPECTIONS- 84 hours.
6. EQUIPMENT MAINTENANCE- 37 hours
7. TRAFFIC SAFETY PRUNING- 20 hours spent pruning to improve visibility and safety.
8. CALL OUT CLEAN UP- 2 hours.
9. GRATES AND CAGES- 10 hours
10. BRUSH CHIPPING AND CLEAN UP- 2 hours
11. TRAINING- 16 hours.

B. CALL OUTS:

1. There were 2 call outs for the month of October that required follow up tree pruning, and debris clean up.

Attachments:

Closed service requests, October 2012
Log of Tree Maintenance Hours, October 2012

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
trodrigu	10/31/2012	Barbara Barrow / CPD	532-7278	9338EB95EB	280 Memorial Wy	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description:	CLEANED UP Broken branch hanging in the tree on the Oleander side of property, by the back stops, at the gym parking lot entrance. Tory and Aaron have been called.								
dbritton	10/29/2012	Denice Britton	896-7802	0D4BD7AC27	544 Olive St	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description:	PRUNED HIGH PRIORITY Raywood ash in F1 position is blocking yield sign to 6th St.								
lherman	10/29/2012	Grace Pritting	530-432-1058	E6B122AF1F	1152 Oleander	dbritton	Britton, Denice	Trees/Public Landscapes	Closed
Description:	PRIVATE- Called to discuss. There is a HUGE tree in front of this location that is dead. Said cable company or somebody illegally wrapped its wires around the tree which may have killed it. She has tried for a month to call private companies to take the tree down and no one wants to do it due to its size. Just found out it might be City tree. Please assess and call her by Wed 10/31/12 if possible because she is leaving on vacation and is VERY concerned that someone will get hurt by this tree.								
trodrigu	10/29/2012	Kenda	898-4857	CEFC4F5957	7th St / Cypress	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description:	PRUNED HIGH PRIORITY A tree is blocking the view for on coming traffic on the s/e corner. A hazard for drivers that are unable to see cross traffic at the stop sign. She is requesting that the tree be pruned up.								
trodrigu	10/29/2012	Liz Barker / Jessica Henry	345-0874	CE49BF06E1	1665 Hooker Oak	dbritton	Britton, Denice	Trees/Public Landscapes	Closed
Description:	SIDEWALK DAMAGE NOT A RESULT OF TREE. Denice - I (Jessica) spoke with Liz yesterday and mailed her a claim form for the alleged damage to her sewer later from the City tree roots. I wanted to make sure the sidewalk damage was dealt with separately (this may a duplicate if you have ready taken care of logging the sidewalk lift). (A service request has been created for ROW - tr)								
trodrigu	10/29/2012	Jessica Henry - RM		C279BD696B	122 Broadway Street	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description:	REMOVED GRATE I just noticed that in between Ellis Art & Engineering Supplies, 122 Broadway Street, and the Asian restaurant to the south, the tree grate is starting to lift and stick up. Please repair as necessary.								
dbritton	10/24/2012	Jesus Durand	514-7588	1D643B47A3	247 W 21st	dbritton	Britton, Denice	Trees/Public Landscapes	Closed
Description:	Corner Salem and 21st. Tree is dropping limbs, has also caused some sidewalk damage. Would like it pruned so it doesn't dropped limbs on his new truck.								
lherman	10/24/2012	Carol	342-3467	000FBF66FF	City Trees Behind 1702 Sherman	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	INSPECTED Property owner called. Tenant lives at this address. Branches and limbs from City trees on Sheridan Ave are hanging over the backyard fence of this property. Tenant is panicked and afraid limbs will break and take out the fence. Called out to Dave to assess and prioritize.								
eallen	10/23/2012	Ron Shepard	342-0457	5228CB3B1B	614-618 12th Avenue	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	CLEANED UP Good size Limb. 3" Across and 15 ft long is about to fall off of a tree. Hanging so low into the street trucks are hitting it as they go by. Dave Bettencourt was called and will go check it out.								
trodrigu	10/23/2012	Jessica Henry - HR		4DB30FC4F7	122 Broadway St	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description:	REMOVED GRATE just noticed that in between Ellis Art & Engineering Supplies, 122 Broadway Street, and the Asian restaurant to the south, the tree grate is starting to lift and stick up. Please repair as necessary.								
eallen	10/23/2012	Trevor Hill	828-2848	44B4CD7F77	1256 Warner	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
Description: PRIVATE Tree Limb 12 Ft. Long 8" Wide fell in sidewalk and they moved it to the front lawn. They would like it to be picked up.									
eallen	10/23/2012	James Singleton	354-2693	3C4F033B4B	1718 Laurel	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: Pete Jones told him that his moms sidewalk is slated to be fixed next spring. There are 3 trees that are green dotted for removal whose roots are pushing up the sidewalk. He would like a call letting him know when the trees will be removed.									
lherman	10/22/2012	Ken Turner	893-4530	7152AFA317	S.E. corner of Poplar/6th Street	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: PRUNED HIGH PRIORITY Large dead branch from this tree is hanging precariously over the sidewalk. Will be less obvious when leaves fall. It is the largest tree on this corner. Please assess.									
dbettenc	10/22/2012	DRB	624-1620	66B315F87B	E 1st Ave @ Oleander	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: REMOVED Just east of Oleander on E 1st Ave there is a 4" hanger from a Chinese pistache tree over the middle of the street.									
trodriгу	10/22/2012	Rich Snyder - Engineering	624-1195	6194830D3B	411 Main St	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: SIERRA CONTACTED. VALVED CHECKED. RESOLVED.The irrigation by the "hands" statue and the muni parking lot has been running for 2 hrs constant. Linda has been called.									
trodriгу	10/22/2012	Mary Sissler	342-8078	5B44547573	1299 Hobart	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: REMOVED Hanging limb in the tree 2nd from the tree on the corner. Dave has been called.									
dbettenc	10/22/2012	Jackie		5346E2F3B7	W 7th @ Broadway	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: CLEANED UP Down limb on 7th between Broadway and Salem St.									
trodriгу	10/22/2012	Darren	899-3600	4B8DE0AAAB	Humboldt Rd/Fir St	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: CLEANED UP Large tree branch has fallen and landed on the new bike path behind the radio station. It has not damaged the railing but it is leaning against the radio tower. Dave has been called and left a message.									
trodriгу	10/22/2012	Paul Godwin	894-6640	4A3738948B	654 Grafton Park Dr	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: CLEANED UP 15' tree branch fell. It's in the front yard, not blocking the sidewalk or street. It's too large for PO to move to the side of the road. He is requesting that the tree be removed at some point.									
trodriгу	10/22/2012	Todd - Distinctive Landscape	342-5009	462B6B31EF	1 Sevillano Ct	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: INSPECTED Prop owner would like to remove some trees so the landscaper wants to confirm that the trees are private. Please assess and contact.									
lherman	10/19/2012	James Singleton	345-0389	129A8BCB80	1718 Laurel	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: PRUNED HIGH PRIORITY His 91 year old mother lives at this address. Tree has dead branches that hang over and drop branches onto her wheelchair access ramp. Would lke tree pruned. Also tree is lifting the sidewalk pretty badly. Called Dave, he said it is on the list for pruning.									
jgonzale	10/19/2012	J. Gonzalez	895-4961	F3E3BA7DB2	Arcadian & W. Frances Willard	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: PRUNED HIGH PRIORITY heading s/b on Arcadian, the n/w corner stop is blocked by tree limbs.									

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
trodrigu	10/19/2012	Maribeth Starnes	566-0234	ECF91AF4B0	740 W 8th Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	INSPECTED PRIVATE Broken branches caught up in the trees on the Lodge Pine side of property.								
dbettenc	10/19/2012	Jim West		E82E9EC04C	Post Office W 5th St/Broadway	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description:	REMOVED On Broadway side remove grate from 12" sycamore and fill tree well chips.								
trodrigu	10/18/2012	Gabriel Flores	343-0920	392DC93282	1292 Parque Dr	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description:	PRUNED HIGH PRIORITY Branches need to be pruned.								
trodrigu	10/18/2012	Kevin - Waste Management	530 308-1275	38ECF98ACD	859 Arbutus Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	INSPECTED PRIVATE TREES Low hanging brances are blocking the trucks access for waste collection.								
trodrigu	10/18/2012	Ann Schwab		311E4E75C9	Main St / 2nd St	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description:	PRUNED An early morning commuter says the NW corner of Main and 2nd Sts. is very dark. We looked at the area and the streetlamp in that area (2S N14) is in the tree canopy which blocks the light.								
lherman	10/17/2012	Cary Kelly	541-654-6056	9CAC3501D4	Rio Chico Way Alley	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	INSPECTED PRIVATE There is a tree in the alley behind Rio Chico Way that needs trimming because it hangs too low impeding cars to pass. Was growing into power lines also. GIS does not show City trees in this alley. Please confirm whether City or private tree.								
trodrigu	10/17/2012	Marianne Kernen	864-6554	93EFDC8BD2	351 E 6th Ave	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description:	CLEANED UP Large tree branch broken in the street on the side of the road, RP is prop manager and says tenant called so she's not sure if it is blocking traffic or how far into the street it is. Left msg with Troy B and Aaron, called Troy T. who is sending someone out to check.								
lherman	10/17/2012	Judy Henderson	342-0251	8134084048	374 E. 4th Avenue	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	CLEANED UP A large limb fell down, just missing a bicyclist. Homeowner moved limb out of roadway but it needs to be picked up. Left voicemail message w Dave.								
trodrigu	10/17/2012	Jovanni	520-0497	758E008863	125 W 3rd St	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description:	PRUNED Ifo Powells Sweet Shop the tree is brushing against the upstairs window. RP concerned that the branch will break the window.								
trodrigu	10/17/2012	Mike Campos	518-4610	62696D0393	232 W 11th St	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description:	PRUNED HIGH PRIORITY pecan tree needs lower branches raised and the rest of the branches pruned to lighten load.								
lcameron	10/16/2012	Jean Quinn	541-315-1368	AA24681395	52 EMPEROR CT	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	PRUNED RP states top half of tree on Emperor in front of house is dead. Would like it looked at while bottom half is still alive the dead part can be identified.								
trodrigu	10/16/2012	Nina Widlund	540-0384	91122F135C	2060 Marilyn Dr	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
Description: SIERRA CONTACTED. Across the street from the address is a canal with a fence line. There is a broken sprinkler head that is shooting up a geyser. Linda has been called.									
trodriгу	10/15/2012	Cain - Interwest Insurance	321-2246	0E8CC30958	Lassen / Ridgewood	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: CHRIS SANDERS NOTIFIED. REPAIRED Broken sprinkler head in the median at Lassen / Ridgewood Wy. Don Richards has been called. Message left.									
trodriгу	10/15/2012	Jim Anderson - PG&E	521-2246	F813E62085	Rio Lindo / East Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: INSPECTED on the bike path btwn Rio Lindo and East Ave, Richard's Tree Service removed a tree, in the process a branch broke some branches on a tree on PG&E's property. Dave and Richard's Tree Service have been called to remove the hanging branches.									
lherman	10/15/2012	Mary Graves	893-4951 or 342-5696	EE118DA91D	1940 Mulberry	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: REMOVED HIGH PRIORITY Clerks Office received a call regarding downed tree limbs at 1940 Mulberry (19th St. side), the Eagles Lodge. RP believes they are from City trees. The limbs apparently fell over the weekend and were blocking the driveway. The maintenance person cut up the tree limbs and piled them in the right of way. RP asked if the City can clean up the limbs.									
lherman	10/15/2012	Deanna Orlando	530-809-0321	E5A11D019B	1452 Colonial Drive, x Ceonothus	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: REMOVED HIGH PRIORITY There is a dying City tree on the Ceonothus side of this property, fourth tree from the corner. PO concerned may affect other trees on property. Please assess.									
trodriгу	10/15/2012	Mike Reavis	530 965-1601	DF1B3438A3	622 W 12th Ave	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: PRUNED HIGH PRIORITY He states the tree across the street from his home needs to be removed. The power lines are below the branches and if the tree falls it will take down the connectors at his home, which he will have to pay for repairs should this happen. Please assess and call PO.									
trodriгу	10/15/2012	Jeremy / CPD Dispatch		CC1065C968	95 St Francis Dr	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEARED ROW CAD # 122850377, 10/11/12. Tree limb down blocking part of the roadway. PVT tree, Dave cut it up and got it out of the ROW.									
lcameron	10/12/2012	Betsey Harris	894-2599	A413E42E73	843 PALO ALTO ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: INSPECTED RP would like the Oak tree on the corner of Palo Alto and Farmington looked at. She think it is bug infested. This is the second time she has called.									
lcameron	10/12/2012	Tim	624-4656	961785151C	284 Rio Lindo	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: CLEANED UP One branch from City tree has fallen and there are a few more hanging. One is close to power and utility lines. Called out to Dave.									
lcameron	10/12/2012	Carol Whipple	342-8278	7CFF2B46FD	455 E 3RD ST	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: PRUNED RP states she got a yellow "High Priority" card on her door on 8/31/12 for the sycamore tree on property. She is worried about the tree and wonders when it will be taken care of.									
trodriгу	10/11/2012	Jeff Kline	681-1557	DB59FA2376	647 W 8th St	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: CLEANED UP Tree branch on the side of the road - on the Ivy St side of property.									
trodriгу	10/11/2012	Megan Walling	680-3094	AAF5CCDDF2	1431 Sherman Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
Description: PRIVATE SILVER MAPLE The tree on the 5th Ave side looks like it is dying. Please assess and RP would like contact. Also, it is infested with ants.									
trodriгу	10/11/2012	Greg	864-2320	A6B0A01DBC	853 E 5th St	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: CLEANED UP Branches in the street ifo his house. He states they have been there for over 1 week.									
trodriгу	10/08/2012	Carol Cook	342-3708	5CC942937C	1417 Esplanade	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: CLEANED UP Tree limb down, it is on the fence between the address and Enloe Hospital. Dave has been called.									
trodriгу	10/08/2012	Chuck Hernandez	343-8419	4CAAB13CF8	1852 Broadway St	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: PRUNED HIGH PRIORITY CALL AGAIN 10-24-12 Branches need pruning, they are almost at the porch.									
trodriгу	10/05/2012	Jason - Cal Water	893-6315	0861704892	Humboldt Greenway Park	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: IRRIGATION CHECKED. REPAIRED AND PROGRAM REDUCED. Water is leaking and has saturated the lawn area, water is running onto the sidewalk. Chris with Sierra Landscape has been called.									
dbritton	10/04/2012	Glenys Anderson	893-1422	7328FB98F5	401 Southbury	dbettenc		Trees/Public Landscapes	Closed
Description: ELEVATED/MONITOR Dogwood is dying, it has been quite healthy - please help!									
trodriгу	10/04/2012	Theresa Rodriguez	ext 7805	6A1155B5B3	358 St Augustine Dr	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: PRUNED HIGH PRIORITY Low hanging branches on the portion of property facing south. Tall people have to walk into the street or duck to stay on the sidewalk.									
trodriгу	10/04/2012	Lie - CPD Dispatch / Cynthia	713-1917	399606FA87	1372 Vallombrosa Ave	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: CLEANED UP HIGH PRIORITY Tree limb down blocking the road. Dave has been notified.									
trodriгу	10/04/2012	Sandy PG&E	800 743-5000	2DA5A409CD	Corner of 18th / Elm	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRIVATE A PG&E service crew person is reporting that the branches at street light # 4299 is blocking the light and needs to be trimmed.									
trodriгу	10/03/2012	Jerry	828-8814	992D9B530D	662 Grafton Park Dr	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: CLEANED UP tree limb dropped, it is on the side of the road, not blocking traffic.									
dbettenc	10/03/2012	DRB	624-1620	63AA2F6EDF	24 Stansbury Ct	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: PRUNED HIGH PRIORITY On Forest Ave side in the S:2 position, elevate low hanging branches over street and make safe.									
trodriгу	10/02/2012	Beverly Robertson	343-1144	C6D7FC64FF	1444 Arcadian Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: ELEVATED PO is concerned about the tree ifo her house because it's leaning toward the street and also this tree has low hanging branches.									
dbritton	10/02/2012	DFB	896-7802	96D60FBF73	1835 Palm	tbeach	Beach, Troy	Trees/Public Landscapes	Closed

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
Description: PRUNED HIGH PRIORITY: Elevate, remove dead limbs. Elm on corner is very low, with lots of dead limbs.									
trodrigu	10/01/2012	Mark Sorensen	270-7072	FD6404637D	N/E corner of 3rd/Orient	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: CLEANED UP Tree limbs have been dropping. RP has placed them in the parking strip at the corner.									
kcarter	10/01/2012	K. Carter	897-3403	DF98ABE8D5	MSC - Fire Pump Test Pit	tnebel	Nebel, Tim	Trees/Public Landscapes	Closed
Description: PRUNED Remove branches interfering with access only. Request to trim the trees overhanging the pump test pit at the northeast corner of the MSC. The trees drop leaves into the pit, which interferes with our ability to perform our tests.									
lherman	10/01/2012	Michele French	892-2001	C788133C1B	1425 W 7TH ST	tbeach	Beach, Troy	Trees/Public Landscapes	Closed
Description: CLEANED UP Pecan tree in front of neighbor's parcel (1421 W. 7th) has dropped a second large limb. Service request called in last week for the first limb.									



DATE: 11/19/2012
TO: BPPC
FROM: Dan Efseaff, Park and Natural Resource Manager
SUBJECT: Park and Natural Resource Manager's Report

NARRATIVE

As we attempt to continue the delivery of information in an efficient, informative format; readers will notice changes to this Manager's report. All regular tables or graphs will now be in a separate section (Monthly Summary Tables), while all programs will be folded into the narrative section. Tables, photos, or graphs that are not featured on a regular basis will occur near the section that they are mentioned. Staff welcomes feedback on this change or other suggestions.

1. Updates

- a. Rod and Gun Club– At the January 31, 2011 meeting, the BPPC discussed concerns associated with the early gate closing hours in Upper Park and impacts to the Rod and Gun Club. A temporary solution of issuing a key to the Club recommended by staff was agreed upon, contingent upon a long term solution being reached. Staff and CRGC members explored solutions including, further adjustment to the class schedules, different gate options, and necessary legal mechanisms (such as amendment to the lease). Ultimately, the Club was able to modify all schedules to accommodate the earlier gate closing hours during the months of Oct-Mar and will not require after hours use. They have indicated that there will be a few special events throughout the year requiring after hours use and will submit a request for approval prior to the event. Title 12R allows the Park Division to approve after hours request for special events. We appreciate the Rod and Gun Club's cooperation in developing this schedule.
- b. Peregrine Point Disc Golf Course -
 - i. On November 6, 2012, Staff moved out 20 cubic yards of chipped oak to be dispersed onto the course. We moved material to Holes 1, 17, and stockpiled some near 14. We did not move any deeper onto the course at this time. The timing of the delivery was hampered by weather, since we went from exceedingly dry (and hot conditons) that prevented movement onto the course because of the concern over fire danger during the summer and early fall, to too damp with the recent rains. We did not want to move them out too early in the summer because it would likely encourage trail widening. We judged the soil too damp to move out the chips on to Hole 13 (and onward), because of the potential for compaction. If conditions dry out, we will move additional chips out on the course, otherwise we will delay until summer/fall.
 - ii. Please see attached botanical report (NSR 2012, attached) for the spring 2012 survey. NSR relocated all Butte County checkerbloom groups mapped in 2011 and noted that Bidwell's knotweed were smaller and more sparsely distributed in 2012 than 2011. In general, NSR noted that the checkerbloom plants "appeared to be in good condition, with only one obviously trampled individual at the edge of a trail." Herbivory accounted for the removal of about a third of the racemes counted. NSR "[o]bserved threats to knotweed continued to be trampling, soil erosion, and weed invasions." NSR also observed a smaller area of barbed goat grass than in 2011.
 - iii. We will conduct photo monitoring at the site in November.
- c. Gnarly Neon – (11/3). We will bill the Gnarly Neon applicant about \$1000 for costs incurred as part of the clean-up Saturday, which required about 7.5 hours (Field Supervisor, Sr. Maintenance Worker, Maintenance Worker, and Ranger), and equipment (Pickup 3/4 Ton, Pressure Washer, and Street sweeper). Standard City billing rates will be applied. The applicant described the event on the application as: "A fun run 5k for all ages. It will have a "neon" rock and run theme with music, games and lots of color!" The evaluation from the event is attached.
- d. Night Inspection- Park staff participated in the first night time safety inspection which surprisingly generated fewer issues than expected. Staff focused on safety and security issues and ideas to improve them (adequate reflectors, lighting in areas, signs, observation of users and numbers, overgrown vegetation, etc.).

2. Administrative and Visitor Services

- a. Online Reservation Program – A contract has been signed with Active Network, an online reservation system provider, and will be utilized for both public and private park use permits. This system will help customers to identify the location, content, availability and cost of reservations and to make a reservation from any computer at any time using the Internet. Staff is in the process of updating the fee schedule and anticipates going live with the system in January 2013.
- b. Park Donations – The Park Division participated in the North Valley Community Foundation’s Annie B’s Fund Drive for its 5th year and raised \$4,930 through the contributions of 39 donors.

Table 1. Recent Cash or In-Kind Donations to the Park Division.

Donors	Donation	In Kind	Amount
Friends of Bidwell Park	2 Vegetation Dumpsters	Y	\$350
Friends of Bidwell Park	Professional Herbicide Applicator. Treated 14 large Arundo Donax in Park/Lindo	Y	\$400
Chico Rotary	Native Plants for Caper Acres	Y	\$250
Home Depot	Painting Supplies, gloves, garbage bags	Y	\$150
Jeannette McMurry	2 Caper Acres Bricks	N	\$200
Sean McMurry	3 Caper Acres Bricks	N	\$300
Claire Quigley	3 Caper Acres Bricks	N	\$300
John Lynch	Council Ring Maintenance	N	\$70
Total			\$2,020

3. Planning/Monitoring

- a. Wet Weather – We have initiated the evaluation of wet weather data and plan to have it completed for the December 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. However, the Crew also started work on various Fall projects, such as prep for fall plantings, and continued to work with the California Conservation Corp (CCC) on various projects throughout the park from opening up the entrances on Vallombrosa to the Middle Trail grant in Upper Park.

a. Lower Park:

- i. The Sycamore pool dam was serviced for the year and is in great shape.
- ii. Staff supported Make a Difference Day with pile cleanup and supplying materials and tools.
- iii. Staff fabricated and installed cages over the new completed electric pedestals and work at Oak Grove reservation site.
- iv. Crew also completely rebuilt the water fountain at the east end of Petersen Drive.

- b. **Middle Park:** Crews continue to elevate and remove invasive trees from trail entrances and supported the burn and helped prep for plantings.

- c. **Upper Park:** Trail season is in full swing with the CCC crews working Tuesday thru Friday and volunteers on Saturday all under the supervision of park crew leadership. Work on the Upper Park road has started with grading the road bed and will finish up with culvert repair.

- d. **Upcoming Projects:** Preparation for prescribed burns and planting native grass in Middle Park, and Native Plantings at various entrances through out the park, and planning restoration work on the Monkey face area of Upper Park.

5. Ranger and Lifeguard Programs

- a. Rangers continue to work on various projects and outreach items. Staff met at the Big Chico Creek Ecological Reserve and took a tour of the area, discussing management practices, challenges and ways to collaborate. Park Watch volunteers attended a very informative tour of Teichert Ponds led by Jon Aull and Lori Deiter.
 - i. Seasonal Park Ranger Recruitment– Ranger Andrew Verbrugge has accepted a full-time Ranger position with Mid-peninsula Regional Parks. Recruitment is underway for the vacant 9 month Ranger position and we anticipate having the position filled and a new Ranger in training by January 2013.
- b. Significant Incidents – Incidents of significance that occurred this past month include:
 - i. On October 24th at approximately 5:53 AM, Ranger Erdahl and Fire personnel responded to a reported fire in Lower Park. Chico fire located the vegetation fire adjacent to S. Park Drive, near Cedar Grove. Upon extinguishing the fire, it was determined that a deceased male and female were contained within the fire scene. The incident was secured and investigated by the Police Department.
 - ii. On October 18th at approximately 6:44 PM, Fire and Search and Rescue personnel responded to a fall victim in Upper Park near Monkey Face. A technical rescue ensued and the victim was transported by medics.

6. Natural Resource Management

- a. Prescribed Burn – The Park Division in partnership with the Chico Fire Department and Cal Fire conducted prescribed burns and preparation in Middle Park during the week of November 5, 2012. The areas south of Upper Park Road at Parking Area A will be the focus of the upcoming burn. Pile burns also occurred in the wildfire area that burned this July in the Hooker Oak area. Burn conditions were poor for a broadcast burn to prep for the native grass planting with high relative humidity and light winds hampering the ability of the fire to carry. However, the pile burns were successful in reducing the existing fuel load and, the damaging effects of an inadvertent fire in the future.
- b. Trails – Work continues on the Middle Trail Grant, with significant progress made with Parks staff working with CCCs and volunteers. We have decommissioned the haul trail and segments 3 (partial), 4, and 5 near completion and ready for winter. We will continue working on segments 2 and 3 as opportunities arise this winter and spring. We are working on scheduling issues (and the constraints of weather) but Staff plans to start Phase I of work on a new reroute of the Monkey Face Trail and decommissioning of severely eroded areas.

7. Outreach and Education

- a. The Parks Division has added a You Tube video channel (<http://www.youtube.com/user/CityofChicoParks?feature=watch>) to communicate with the public. The first video recaps Make a Difference Day in Bidwell Park 2012 (<http://www.youtube.com/watch?v=sKUs7NiwLqM>).
- b. Wildlife Camera – Parks Staff installed a digital wildlife camera to monitor wildlife and human activity. In Upper Park, the camera captured a bear, mountain lion, and bobcat within the first few weeks. The Park Division will move the camera to locations that may require surveillance due to illegal activity or have a likelihood of capture wildlife in action. Captured images have been shared on Facebook and have received a very positive response from the public and have generated a lot of questions about proper behavior around wildlife.
- c. CA Native Plant Society, Mt. Lassen Chapter – Park Services Coordinator and park volunteer, Paula Shapiro, presented to a packed house at CNPS' monthly meeting on 10/3. Lise described the Park Division's partnership with Chico High School's horticulture class in growing native plants and Paula demonstrated planting different types of seeds.
- d. Butte College -- Park Services Coordinator and Ranger presented to Rick Wittsell's Natural Resource Management Class 10/15 at the Council Ring and then toured the Sycamore Restoration Site.
- e. Butte College Connections– Park Services Coordinator spoke to 2 BCC classes about the volunteer program and Make a Difference Day on campus on 10/18.
- f. Press Releases for October – Winter Hours in Effect for Bidwell Park; Diversion Dam Gate Closure Upper Bidwell Park; Caper Acres Closure; Make a Difference Day in Bidwell Park; Upper Park Road Closure; and Prescribed Burn in Middle Park.

8. Volunteer Program

- a. Make a Difference Day (MDD) in Bidwell Park -
 - i. The City of Chico Park Division celebrated its 7th MDD with 275 volunteers working in the One Mile Recreation Area on October 27, 2012 (note YouTube Video mentioned above). Projects included invasive

weed removal; painting benches; planting flowering native plants at Caper Acres and the 4th Street entrance; Big Chico Creek trash cleanup; and removing weed trees and pruning back trees to increase visibility for safety and graffiti removal on the Pine Street bridge.

ii. Contributing Sponsors include:

- 1) CA Conservation Corps (labor and tools);
- 2) Costco (breakfast foods);
- 3) Home Depot (gloves, bags, paint supplies and labor);
- 4) Recology Zero Waste (40 yard veg dumpster);
- 5) Starbucks Coffee (guess!)
- 6) Waste Management (40 yard veg dumpster).
- 7) Rotary (native flowering plants for Caper Acres); and
- 8) Soroptimists (native plants for the 4th Street entrance).

iii. Participants included: Adopt-A-Park Students (Park Division / CAVE); Alpha Sigma Phi Fraternity, CSUC; Associated Students Sustainability Organization; Butte College Communications Class; Butte College Connections (2 classes); CA Conservation Corps; Chico Jr. High Government Class; Community Action Volunteers in Education; Golden Key Club, CSUC; Home Depot; Net Impact, CSUC; Park Division's Crew Leaders; Reading Partners -Chico/Sacramento; Rotary of Chico; Sierra Club; Soroptimists International of Chico; and many other dedicated individuals!

iv. Park crew also supported the event, and cleaned up all the volunteer vegetation piles.

b. Chico High School Native Plant Project – Long time Park volunteer Michael Stauffer has joined Paula Shapiro as volunteer advisors to the project. They work several times a month with the students.

c. Alpha Sigma Phi met with staff at site 39 to discuss site plan and work tasks for the location.

d. Upcoming Volunteer Opportunities

- i. The 2013 Volunteer Weekly Sessions for the Spring will be publicized next month.
- ii. Chico High School Horticulture students will plant in early December some of the native plants they have propagated in the Sycamore Restoration Site.
- iii. Plans are underway with CA Native Plant Society, Mt. Lassen Chapter member Susan Mason for leading sessions in the Winter in Teichert Ponds.

9. Upcoming Issues/Miscellaneous

a. BPPC meeting - Please note that the December meeting will be held on 12/17/12.

MONTHLY SUMMARY TABLES

Table 2. Monthly Traffic Counts for October 2012.

Location	Estimated Daily	Estimated Monthly	Estimated YTD Total	Trend
Lower Park				
Petersen Dr	91	2,821	44,397	
N One Mile	318	9,858	99,679	
S One Mile	341	10,571	143,195	
Cedar Grove/S Park Dr	86	2,666	33,743	
Estimated Subtotal	836	25,916	321,014	
Middle/Upper Park				
Upper Park Rd*	562	17,422	250,594	
Estimated Total	1,398	43,338	571,608	

Note: Upper Park Road entrance counts were significantly lower than exit counts - 339 vs. 562 (average) and may be potentially attributed to equipment or installation error of one of the tubes. The exit counts were used to estimate the count.

Table 3. Monthly Public and Private Permits issued in October 2012.

Date	Location	Organization	Event	# Participant
10/1/2012	Children's Playground	Catalyst	Domestic Violence Awareness	200
10/6/2012	City Plaza	Chico Toy Museum	Yo Yo Contest	1000
10/6/2012	One Mile	Service Master Select	Ignite the Fight 5K	400
10/7/2012	One Mile	North State Symphony	Mozart Mile	200
10/13/2012	One Mile	Alzheimer's Association	Alzheimer's Awareness 5K	1300
10/13/2013	One Mile	Potter House	Music Event	100
10/20/2012	City Plaza	You know You're from Chico	Community Event	1000
10/20/2012	One Mile	American Cancer Society	Making Strides 5K	1000
10/21/2012	One Mile	A Day for Home	Fundraiser/Walk	100
10/26/2012	City Plaza	Results Radio	Pumpkin Head Contest	500
10/27/2012	One Mile	NVCF	Fundraiser/Walk	150
10/27/2012	City Plaza	Foundation for Suicide Prevention	Suicide Awareness 5K	300
10/29/2012	City Plaza	Prop 37 rally	Political Rally	100
Totals			13	6350

Type	# Permits	# Participants
Private	14	1066
Caper Acres	33	669
Totals	47	1735

Table 4. Monthly Maintenance Hours.


















Category	Staff Hours	% of Total	% Change from Last Month	2012 Trend
1. Safety	351	35.4%	113.0%	
2. Infrastructure Maintenance	352	35.5%	109.2%	
3. Vegetation Maintenance	146	14.7%	66.4%	
4. Admin Time/Other	143	14.4%	82.8%	
Monthly Totals	991	100%	96.8%	







Table 5. Monthly Incidents for October 2012.

Date	Location	Incident	Disposition
10/2/2012	Lindo Channel	Fire	Extinguished
10/6/2012	Upper Park Road	Property Damage	Report Filed
10/7/2012	North Rim Trail	Injury/Laceration	Transported by Ranger
10/10/2012	City Plaza	Fight	NFA

Date	Location	Incident	Disposition
10/10/2012	S One Mile	Fire	Extinguished
10/16/2012	City Plaza	Drunk in Public	Arrest
10/17/2012	Hooker Oak	Vehicle Burglary	Report Filed
10/17/2012	Hooker Oak	Vehicle Burglary	Report Filed
10/18/2012	Upper Park	Injury/Fall	Transported by Medics
10/18/2012	One Mile	Warrant	Arrest
10/19/2012	City Plaza	Warrant	Arrest
10/19/2012	Bear Hole	Domestic Dispute	Counseled
10/21/2012	City Plaza	Fight	NFA
10/22/2012	Hooker Oak	Bear Sighting	NFA
10/24/2012	Lindo Channel	Warrant	Arrest
10/24/2012	Lower Park	Fire/Death	Under Investigation
10/26/2012	Lost Park	Fight	NFA
10/27/2012	Depot Park	Drunk in Public	Arrest
10/29/2012	Lindo Channel	Illegal Camping	Arrest
10/30/2012	Lower Park	Injury/Fall	Transported by Medics
10/30/2012	Lost Park	Illegal Camping	Arrest
10/30/2012	City Plaza	Domestic Dispute	Arrest

Table 6. Monthly Citations and Warnings for October 2012.

Violation	Monthly			Annual			2012 Trend
	Total Citations	%	Rank	Total Citations	%	Rank	
Alcohol	4	13%	3	129	26%	2	
Animal Control Violations	0	0%	5	55	11%	3	
Bicycle Violation	0	0%	5	0	0%	10	
Glass	0	0%	5	35	7%	4	
Illegal Camping	6	19%	2	17	3%	7	
Injury/Destruction City Property	0	0%	5	1	0%	9	
Littering	0	0%	5	3	1%	8	
Other Violations	0	0%	5	29	6%	5	
Parking Violations	19	61%	1	201	41%	1	
Resist/Delay Park Ranger	0	0%	5	0	0%	10	
Smoking	2	6%	4	20	4%	6	
Totals	31	100%		490	100%		

Violation	Monthly			Annual			2012 Trend
	Total Warnings	%	Rank	Total Warnings	%	Rank	
Alcohol	8	5%	7	467	15%	3	
Animal Control Violations	32	19%	2	783	25%	2	
Bicycle Violation	72	42%	1	1000	32%	1	
Glass	3	2%	9	149	5%	6	
Illegal Camping	17	10%	3	143	5%	7	
Injury/Destruction City Property	0	0%	10	6	0%	11	

Violation	Monthly			Annual			2012 Trend
	Total Warnings	%	Rank	Total Warnings	%	Rank	
Littering	5	3%	8	16	1%	9	
Other Violations	11	6%	5	223	7%	4	
Parking Violations	9	5%	6	222	7%	5	
Resist/Delay Park Ranger	0	0%	10	15	0%	10	
Smoking	14	8%	4	132	4%	8	
Totals	171	100%		3156	100%		

Table 7. Summary of Monthly Volunteer Activity

Locations	Organizations/Sessions	Hours	Major Tasks/Activities
<i>Annie's Glen</i>	1 session/4 vols/	8	Elevated native grape for visibility and removed blackberry.
<i>Lost Park</i>	1 session/16 vols/	45	Removed hackberry & catalpa stumps and trash. Elevated limbs for better visibility.
<i>Cedar Grove/Chico Creek Nature Center</i>	3 sessions/24 vols/	72	Worked on cleanup tasks for CCNC; removed hackberry and loaded vegetation dumpster
<i>Chico Creek Nature Center</i>	Friends of Bidwell Park	162	Working on native plant garden
<i>One Mile Recreation Area - north side</i>	1 session/6 vols/	18	Elevated native grape, removed vinca and watered native plants
<i>Five Mile -Southside</i>	1 session/9 vols/	27	Removed hackberry, ivy & blackberry and pruned roses near parking lot.
<i>Site #8</i>	1 session/5 vols/	15	Watered native plants and removed thornless blackberry & trash.
<i>Sycamore Restoration Site</i>	Chico High Interact/4 vols/crew leader Michael Bruhn	20	Removed pokeweed, catalpa and blackberry, trash and watered native plants
<i>Sycamore Restoration Site</i>	Kids & Creeks/4th grade students & adult vols	90	Removed vinca and trash.
<i>Bidwell Park Picnic Site Assessment</i>	7 vols	21	Volunteers visited each picnic site and filled out condition survey to assist maintenance staff.
<i>Bidwell Park</i>	Park Watch	755	Patrolling the Park
<i>Bidwell Park</i>	Friends of BP	37	privet and pokeweed removal; volunteer session preparation
<i>Bidwell Park</i>	Chico Cat Coalition	20	Caring for Park found cats.
Adopted Areas			
<i>Caper Acres flowerbed</i>	Rotary on MDD	40	Weed removal and native plant planting
<i>Site # 12</i>	McCabe Family	0.5	Watered sedge
<i>Site #40</i>	Sigma Chi Fraternity (10 vols)	35	Water native plants; remove blackberry and trash
<i>Yahi Trail Sign Project</i>	CA Native Plant Society member Adrienne Edwards	100	Research and editing wording for creating new signs for along the Yahi Trail
<i>Sign Inventory Project</i>	Univ of Cincinnati students/ 1vol	20	Sign Manual
<i>Chico High School</i>	5 CHS students & Michael Stauffer and Paula Shapiro	28	Weed; transplant; and plant new seeds.
<i>Park office</i>	Community Service/ 2	20	Helped with tool cleaning; glove sorting

Locations	Organizations/Sessions	Hours	Major Tasks/Activities
	vols		for MDD and office tasks.
<i>Chico Creek Nature Center</i>	Friends of Bidwell Park	162	Working on native plant garden
<i>Chico Creek Nature Center</i>	CCNC Eagle Scout Volunteer	162	Restoration of pond
Chico Creek Nature Center	CA Native Plant Society	16	Native Plant gardening
Total Park hours		1873.5	
City Owned Greenways			
Teichert Pond Invasive Weed Planning	CA Native Plant Society member Susan Mason	8	
Verbena Fields	Kids & Creeks/5th grade students & adult vols	240	Removed Johnson grass and other invasive weeds.
Total Greenway hours		248	

Attachments:

- 1) [NSR] North State Resources. 2012 Botanical Survey Results. NSR No. 51325 - Peregrine Point Disc Golf Course Botanical Monitoring. Chico, California.
- 2) Event Evaluation: Gnarly Neon 5 k (11/06/12).
- 3) Peregrine Point Disc Golf Log

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11/20/2012

Technical Memorandum

Date: November 12, 2012
To: Mr. Dan Efseaff, Park and Natural Resource Manager, City of Chico
From: Ms. Christine Hantelman, Botanist and Mr. Paul Kirk, Project Manager
Project: NSR No. 51325 - Peregrine Point Disc Golf Course Botanical Monitoring
Subject: 2012 Botanical Survey Results

I. INTRODUCTION

On behalf of the City of Chico (City) and Outdoor Recreation Advocacy, Inc. (ORAI), North State Resources, Inc. (NSR) conducted a botanical survey on and around the site of the Peregrine Point Disc Golf Course, hereinafter referred to as the “study area.” This letter summarizes the results of the findings regarding the botanical resources detected and mapped within the study area. Figures are located at the end of the memorandum.

II. PROJECT LOCATION

The approximately 70-acre study area is located along State Highway 32 approximately 7 miles east of the city of Chico (Figure 1). The study area occurs in the eastern portion of Bidwell Park on the south rim of the ridge overlooking Big Chico Creek at an elevation range of 1,050 to 1,300 feet above mean sea level. Barbed-wire fence encloses the study area on the southern and western edges.

III. PHYSICAL AND BIOLOGICAL SETTING

The study area is sited upon volcanic mudflow breccia that is part of the Tuscan Formation. These hard mudflows form the rocky outcrops covered with thin soils that support the vegetated areas identified as “wildflower fields” in previous surveys of the study area (City of Chico and EDAW 2008). Blue oak occurs on the deeper soils formed on volcanic conglomerate (U.S. Department of Agriculture and Natural Resources Conservation Service 2006).

The site has been used by hikers and naturalists and, currently, as a disc golf course. Footpaths and trails, eroded soils, trampled plants, and damaged trees are some examples of disturbances at this site that reflect its historical and current use.

Vegetation on the site is a mix of blue oak (*Quercus douglasii*) savannah with sparse, scattered tree cover and blue oak/foothill woodland with foothill pine (*Pinus sabiniana*) and interior live oak (*Quercus wislizenii*), interspersed with annual grassland elements and exposed volcanic mudflow. Understory shrubs and vines occurring within the woodland are manzanita (*Arctostaphylos manzanita*), redberry (*Rhamnus ilicifolia*), buck brush (*Ceanothus cuneatus*), poison oak (*Toxicodendron diversilobum*), and honeysuckle (*Lonicera interrupta*). Grassland

within the study area is dominated by non-native annual grasses including wild oats (*Avena barbata*), Italian wildrye (*Festuca perennis*), soft chess (*Bromus hordeaceus*), annual fescues (*Festuca* spp.), false brome (*Brachypodium distachyon*), dogtail (*Cynosurus echinatus*) and medusahead (*Elymus caput-medusae*). Non-grass species flowering at the time of survey include twining brodiaea (*Dichelostemma volubile*), soap plant (*Chlorogalum pomeridianum*), purple clarkia (*Clarkia purpurea*), yellow mariposa lily (*Calochortus luteus*) and Butte County checkerbloom (*Sidalcea robusta*).

Thinner soils associated with the edges of the exposed volcanic mudflow support a few annual grasses, mostly annual fescues and soft chess, as well as needle-leaved navarretia (*Navarretia intertexta*), Douglas' sandwort (*Minuartia douglasii*), dwarf stonecrop (*Parvisedum pumilum*), Hansen's spike-moss (*Selaginella hansenii*) and Bidwell's knotweed (*Polygonum bidwelliae*).

IV. SURVEY METHODOLOGY

NSR Botanist, Christine Hantelman, conducted a targeted survey on May 10 and 11, 2012, in order to relocate and map previously recorded occurrences of the Butte County endemics, Butte County Checkerbloom (hereinafter "checkerbloom") and Bidwell's knotweed (hereinafter "knotweed"). A map of checkerbloom occurrences from botanical surveys conducted in 2011 was used to relocate known checkerbloom plants. Survey effort was limited to the portion of the study area encompassing the Peregrine Point Disc Golf Course area and the northeastern end of the study area where checkerbloom was documented in previous years. Wildflower fields within the main area of play that were known from previous surveys to contain knotweed were surveyed and knotweed occurrences mapped; other wildflower fields were scanned for presence of knotweed as time permitted. Incidental observations of noxious weeds were also recorded. Although associated species and general vegetation attributes were noted with regard to rare plant occurrences, a full floristic survey was not conducted. Taxonomic nomenclature for plant species is in accordance with *The Jepson manual: vascular plants of California, 2nd edition* (Baldwin et al. 2012).

Checkerbloom units and counting methodology followed the survey methodology detailed in the *2011 Botanical Monitoring Results Technical Memorandum* (North State Resources 2011). Specifically, the following checkerbloom units were used:

- Individuals - single meristems separated from other meristems by 50 cm (19.6 in);
- Small clumps - clumps with 1-5 separate meristems co-located in an area less than 50 cm x 50 cm; and
- Large clumps - clumps with 5 or more meristems close together that cover an area greater than 50 cm x 50 cm.

To facilitate analysis of between year changes in populations of checkerbloom within discrete areas, checkerbloom groups (CG) were created by drawing polygons around closely co-located checkerbloom data points in 2011. Those same groups were again used for the checkerbloom data points recorded in 2012. Total number of checkerbloom units within each polygon (checkerbloom group) was counted. Flowering stems (racemes) were also counted and recorded for all checkerbloom units mapped in 2012.

The location of checkerbloom units were mapped as point data using a Trimble™ Pathfinder Pro XH Global Positioning System capable of sub-meter accuracy (Trimble GPS). For each data point, the number of checkerbloom units, phenology, plant associates, and observed threats were recorded using the *California Native Species Field Survey Form* (CNDDDB 2008).

Bidwell’s knotweed is a small annual species that occurs on the exposed volcanic mudflow and thin soils of the wildflower fields in the study area. Because knotweed plants can occur close together and in great numbers (often 100 or more), the boundaries of areas containing knotweed (patches) were mapped as polygon data using the Trimble GPS. Estimated number of individuals, phenology, plant associates, and observed threats were also recorded for each patch.

V. RESULTS

Checkerbloom

A total of 114 checkerbloom units were mapped (40 data points) during the 2012 survey. Less than half of the units (48%) were in a vegetative state, that is, they produced no racemes. The remainder (52%) bore flowering stems in various stages of development. Phenologically, the population at the study area was in early flower with 11% of the racemes in full flower and 53% of the racemes still in bud. The remaining racemes (36 %) had been “nipped” (presumably by deer or other herbivores) below the buds. These data are summarized in Table 1. Data points and checkerbloom groups (CGs) are shown in Figure 2.

Table 1. Summary of field data for Butte County Checkerbloom occurrences at Peregrine Point Disc Golf Course collected May 10, 2012.

Checkerbloom Occurrence Attribute	Count	% of total
# units reproductive	59	52%
# units vegetative	55	48%
Total # units	114	100%
# racemes in flower/fruit racemes	27	11%
# racemes in bud	132	53%
# racemes nipped	88	36%
Total # racemes	247	100%

All of the checkerbloom groups (CG) mapped in 2011 were relocated and mapped in 2012. Most of the checkerbloom units occurred within blue oak woodland paralleling the 14th, 15th, and 16th fairways or were associated with individual oak trees or the drip line of shrubs at the ecotone of woodland and grassland (CG-3, CG-4, and CG-5). Another cluster of points was located along the edge of woodland east of the 2nd fairway (CG-2). The out-of-bounds areas between the 3B and 3 baskets and bounded by rail fence was another area where checkerbloom was relatively abundant. Additional checkerbloom units were mapped in the northeastern portion of the study area, outside the general area of disc golf play (CG-7 and CG-8).

In general, checkerbloom plants appeared to be in good condition, with only one obviously trampled individual at the edge of a trail. Flowering stems (racemes) were robust with no buds aborting as has been observed at other checkerbloom locations in dry years (Hantelman 2004). Evidence of herbivory on checkerbloom racemes was observed and recorded. About a third (36%) of the racemes counted had been “nipped”, leaving no buds or flowers on the stem.

Fewer total checkerbloom units were recorded in 2012 compared with 2011; however, checkerbloom plants in 2012 produced many more racemes than in 2011. This increase in reproductive effort is likely explained by a rainfall pattern in 2012 (dry winter, slightly wetter spring) that favors later flowering perennial plants like checkerbloom.

Knotweed

Bidwell’s knotweed patches that were mapped in 2011 within the main disc golf area were relocated and mapped in 2012 (Figure 2). Time and budget constraints did not allow for extensive additional knotweed surveying west of the 8th tee pad or in the northeastern portion of the study area. The large wildflower field along the rim of the canyon between the ridge edge and north of 5th and 6th fairways was scanned for knotweed; only a few plants were observed.

Although the surveys were conducted almost two weeks earlier in 2012 compared with 2011, the mapping effort was again well-timed: over 90% of the knotweed plants were in flower, when the species is most readily detected. Knotweed plants were smaller in stature and more sparsely distributed in 2012 than those observed in 2011. In all, 17 knotweed patches were mapped and the populations within patches ranged from a few individuals to 1000s. All knotweed patches occurred on thin soils associated with the edges and surface of exposed volcanic mudflow. Knotweed was frequently found growing with Hansen’s spike moss and dwarf stonecrop, and was also strongly associated with undisturbed algal crusts. Knotweed plants also occurred along the edges of trails or footpaths within or beside some wildflower fields, however, few if any plants were observed in the compacted soil of the actual trails and paths.

Trampling and associated erosion was observed along designated and undesignated trails within proximity to a majority of the knotweed patches. A summary of knotweed patch attributes, associated plant species, and observed threats at each patch are found in Table 2.

Incidental Observations

Last year, a large infestation (tens of thousands of individuals) of barbed goat grass (*Aegilops triuncialis*) was observed in the grassland area southwest of the 9th fairway and north of the large wildflower field containing knotweed (south of 8th and 9th fairways and west of the 10th tee). This CDFA List B noxious weed (California Department of Food and Agriculture 2011) was relocated in 2012.

Table 2. Summary of field data for Bidwell's knotweed occurrences mapped at Peregrine Point Disc Golf Course, May 10 & 11, 2012.

Polygon ID #	# plants	% in bud	% in flwr	Knotweed Associates	Observed Threats
POBI-1	500-1000	0	100	<i>Parvisedum pumilum</i> , <i>Selaginella hansenii</i> , <i>Plantago erecta</i> , <i>Navarretia sp.</i>	Yellow starthistle (<i>Centaurea solstitialis</i>) in upland area. No major foot traffic here.
POBI-2	500-1000	0	100	<i>Parvisedum pumilum</i> , <i>Minuartia douglasii</i> , <i>Navarretia sp.</i>	Foot trail across northern portion of the entire wildflower field
POBI-3				(Number not used)	
POBI-4	< 50	0	100	<i>Parvisedum pumilum</i> , algal crust	Trampling/erosion
POBI-5	< 50	0	100	<i>Parvisedum pumilum</i> , algal crust	Trampling/erosion
POBI-6	<50	0	100	<i>Parvisedum pumilum</i> , <i>Minuartia douglasii</i> , <i>Navarretia sp.</i> , <i>Juncus bufonius</i>	Trampling/erosion
POBI-7	2	0	100	<i>Parvisedum pumilum</i> , <i>Navarretia sp.</i> , <i>Juncus bufonius</i> , <i>Chlorogalum angustifolium</i> .	Trampling
POBI-8	100-500	0	60	Algal crust	Trampling
POBI-9	1000-2000	0	90	Algal crust	Trampling/erosion
POBI-10	100-500	0	99	Algal crust	Trampling
POBI-11	100-200	0	75	<i>Selaginella hansenii</i> , algal crust, <i>Navarretia sp.</i> , <i>Bromus hordeaceus</i>	Trampling
POBI-12	50-100	0	90	<i>Selaginella hansenii</i> , algal crust, <i>Navarretia sp.</i> , <i>Bromus hordeaceus</i>	Trampling
POBI-13	500-1000	0	85	<i>Chorizanthe stellulata</i> , <i>Clarkia purpurea</i> , <i>Selaginella hansenii</i> , <i>Hypochaeris glabra</i> .	Old trails; disturbance less than in 2011
POBI-14	500-1000	0	90	<i>Chorizanthe stellulata</i> , <i>Clarkia purpurea</i> , <i>Selaginella hansenii</i> , <i>Hypochaeris glabra</i> .	Old trails; disturbance less than in 2011
POBI-15	100-500	0	90	<i>Chorizanthe stellulata</i> , <i>Clarkia purpurea</i> , <i>Selaginella hansenii</i> , <i>Hypochaeris glabra</i>	No obvious threats
POBI-16	100-500	10	90	<i>Selaginella hansenii</i> , <i>Clarkia purpurea</i> , <i>annual grasses</i>	Foot traffic along N edge
POBI-17	10	0	100	<i>Selaginella hansenii</i> , <i>Hypochaeris glabra</i> , <i>Clarkia purpurea</i>	No obvious threats
POBI-18	10	0	100	<i>Selaginella hansenii</i> , <i>Hypochaeris glabra</i> , <i>Clarkia purpurea</i>	No obvious threats

VI. CONCLUSION

Butte County checkerbloom and Bidwell's knotweed plants were relocated and mapped at most of the locations within the area that was surveyed in 2011, including all those within the main disc golf area. Checkerbloom plants and habitat were in good condition. Of the 114 checkerbloom units mapped, over half (52%) produced one or more flowering stems. Herbivory in the form of top removal of the flowering stems was observed on about a third (n=88) of the 247 total racemes counted.

Knotweed plants were relocated in almost all of the wildflower fields in which it was mapped in 2011. In 2012, plants were shorter with fewer branches than in 2011. The extent of knotweed within the wildflower fields was smaller and plants were more sparsely distributed. Observed threats to knotweed continue to be trampling, soil erosion, and weed invasions. Checkerbloom is getting browsed at the site, but the author believes that human impacts at the site (soil erosion, weed dispersal, trail extensions, etc.) would have a greater long term affect than deer browse.

The noxious weed barbed goat grass population observed in 2011 was relocated this year, and the population appears to have decreased by 50 to 60 percent in both the extent and number of plants. This change may be due to the dry winter in 2012.

VII. REFERENCES

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G:\projects\51325 Bidwell Disc Golf\GIS\Working_Mxds\51325 Figure 1 Location.mxd Created: 2011-06-28

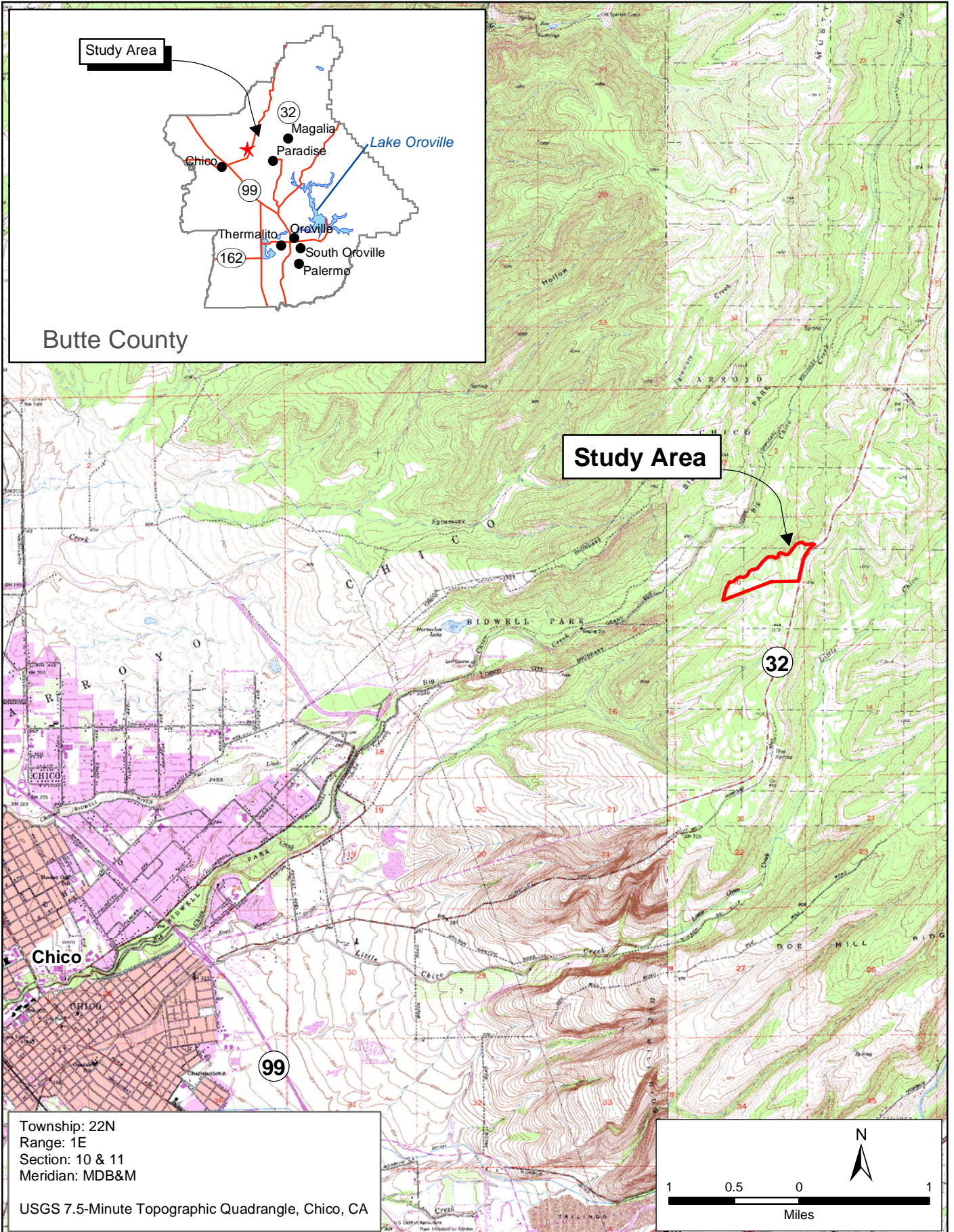


Figure 1
Study Area Location and Vicinity

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Figure 2
Checkerbloom and Knotweed Locations - 2012 Survey

City of Chico
Park Permit and Park Use Evaluation

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

Applicant Information	
Name of Applicant/Contact Person: Brent Haapanen	
Organization: CBH Events	
Mailing Address: 3820 Scott St #3	
City, State, Zip: San Francisco Ca 94123	Phone #: 530-680-6226

Event Information	
Name of Event: Gnarly Neon 5K	Public <input checked="" type="checkbox"/> Private <input type="checkbox"/>
Date of Event: 11/03/12	Time of Event: 9 am
Event Location: One Mile/Lower Park	Type of Event: Fun Run

Evaluator's Observations	
Anticipated # of Participants: 1000	Estimated # of Participants: 1500
Anticipated # of Vendors: 0	Total Vendors Present: 1
Event Restrooms Reserved: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Event Restrooms Used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
100 amp Electric Reserved: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	100 amp Electric Used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Comments: Event organizers appeared to be on board and understand the conditions of their permit, including the necessity to thoroughly clean-up; however many issues and concerns surrounding this event arose. It was unclear on the Park Use Application that the Gnarly Neon run involved the use of colored corn starch (food grade) and dyed water. Staff was notified by an outside source of the details of the events, including the use of colored powder four weeks before the actual event. Event organizers were contacted, including a pre-event meeting and staff expressed concerns associated with the use of colored powder and how it was going to be cleaned-up. Event organizers stated that they were going to use numerous tarps to catch the excess powder and would clean-up any material not caught on the tarps immediately after the event. They also arranged to have a contractor power wash any trace materials that could not be captured by sweeping. The waste water was to be captured and disposed of properly. They assured me that they have held similar events in the past and had no issues or concerns associated with the "color" and clean-up effort. On event day, it became clear that the colored powder would not be contained on the tarps and the coordinators were not equipped to properly clean-up the material. Four color stations were located throughout the course, all of which had several inches of colored powder dispersed up to 100 yards beyond the tarps- see below photos. Large plumes of colored powder floated throughout the park and settled on vegetation, vehicles and neighboring yards. Upon the conclusion of the event, Ranger Erdahl contacted the organizers and suggested that the material be clean-up with street sweepers. They agreed that their planned clean-up effort would not be effective and agreed to have City staff clean-up the material for a fee - see attached cost breakdown. City staff was unable to clean-up all material, as the powder ended up staining the asphalt and settling along the shoulder of the road and adjacent vegetation. Additionally, all Lower Park restrooms were impacted by the event. Maintenance had to do a second cleaning of the restrooms and One Mile reservation site to remove colored powder and dye smeared on the fixtures, walls and tables.

In addition to the above mentioned issues, several other issues arose during the event. A band was stationed at the Cedar Grove restroom where several participants stopped to listen, but no portable restrooms were at this location resulting in long lines and impacts to the permanent restrooms. Also, during clean-up a vehicle associated with the event transported several

people illegal in the bed of the truck. Lastly, numerous park users complained about having to walk through the color stations and be exposed to the powder. It took organizers and staff several hours to clean the material up, exposing park users to the material until 5 PM that day, 8 hours after the event began.



cc: Permit File

Senior Ranger

General Services Director

Applicant

S:\Admin\General\PERMITS\R.M. Insurance required applications and evaluations-end of event_2012\11-3-12 CBH-Gnarly 5K\Eval_Gnarly_12_1106.doc



Recommendations: Applicant should provide an accurate description of the event so that staff may properly evaluate and weigh the impacts of the event, with clear and effective measure to contain and clean-up colored powder should be detailed on the application. Due to the extensive impacts to the Park and users, Staff recommends that the applicant explore a more appropriate venue than Bidwell Park in the future.

Refund Full Deposit: Yes No

The additional following fees are owed:

Reservation Fee - \$124.40 (1500 participants)

Early Entrance Fee - \$31.50 (set-up at 6 AM)

Vendor Fee - \$5.50 (1 vendor)

Clean-up Fee – \$1013.89 (see attached)

Total Due – \$1175.29 - \$100 Deposit= **\$1075.29**

Evaluator: Jessica Erdahl, Senior Park Ranger

Date: 11/06/12

cc: Permit File

Senior Ranger

General Services Director

Applicant

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Bidwell Park Disc Golf Log 2012

Trails						
Badge #	Date	Time	<u>O</u> pen/ <u>C</u> losed	#Vehicles	Weather	Notes
806	10/02/12	5:10 PM	O	8	Good	Dog off leash in parking lot.
805	10/02/12	2:20 PM	O	3	Good	No violations observed.
807	10/03/12	4:45 PM	O	4	Good	No violations observed, trash emptied
807	10/07/12	12:00 PM	O	5	Good	No violations observed
806	10/08/12	3:15 PM	O	3	Good	No violations observed.
806	10/09/12	4:45 PM	O	4	Good	No violations observed
807	10/12/12	7:30 AM	O	0	Good	No violations observed
806	10/12/12	2:30 PM	O	2	Good	No one seen.
806	10/13/12	3:20 PM	O	9	Good	Many families
806	10/14/12	4:40 PM	O	5	Good	No violations observed.
806	10/16/12	2:15 PM	O	3	Good	No one seen
806	10/19/12	5:00 PM	O	5	Good	No violations observed
806	10/20/12	4:00 AM	O	9	Good	Leash warning
805	10/21/12	12:54 PM	O	6	Good	No violations observed. Several players contacted.
806	10/21/12	3:40 PM	O	12	Fair	Winds picking up
806	10/22/12	4:00 PM	C	1	Good	Course closed 1.25" rain; weather card left on vehicle
807	10/26/12	9:30 AM	O	1	Good	A gentleman picking up trash in the parking lot
805	10/29/12	12:05 PM	O	5	Good	N/A
805	10/31/12	1:45 PM	O	4	Fair	N/A