



CITY OF CHICO
BIDWELL PARK AND PLAYGROUND COMMISSION (BPPC)

Regular Meeting Agenda
August 26, 2013, 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

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 07/29/13.

ITEMS REMOVED FROM CONSENT – IF ANY

3. NOTICED PUBLIC HEARINGS - NONE

4. REGULAR AGENDA

- 4.1. Consideration Of Commissioner Ober's Request To Agendize The Discussion Of The Option For A Public/Private Non-Profit Partnership Between The City And The Caper Acres Volunteers.
By email dated August 20, 2013, Commissioner Ober asked that the BPPC consider agendizing his request to discuss a public/private non-profit partnership, which may help in the care of Caper Acres play area. Pursuant to Council Policy AP&P 10-10 and Board and Commission Policy 10-1, the following steps should be taken to consider his request: 1) Commissioner Ober will address the Commission regarding his request; 2) The Chair will take any public input pertaining to whether the Commission should or should not take up the requested issue; 3) Following public comment, "IF" the Commission votes to take up the issue, it will determine whether the issue should be heard with the BPPC, referred to committee, or referred to staff for further information.

5. BUSINESS FROM THE FLOOR

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

6. REPORTS

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

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

7. ADJOURNMENT

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



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

CITY OF CHICO
BIDWELL PARK AND PLAYGROUND COMMISSION (BPPC)

Minutes of
July 29, 2013 Regular Meeting

1. REGULAR COMMISSION MEETING

1.1. Call to Order

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

1.2. Roll Call

Commissioners present:

Mark Herrera
Richard Ober (Acting Chair)
Janine Rood
Drew Traulsen

Commissioners absent: Mary Brentwood, Chair Lisa Emmerich, Vice-Chair Jim Moravec

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

1.3. Special Recognition – Billy Robinson, Senior Park Maintenance Crew Member

The BPPC recognized Billy Robinson, Senior Maintenance Crew Leader, who served the Park Division for over 17 years. Billy started as a maintenance worker and was promoted to Senior in 2008. Billy served the City with distinction and devoted the majority of his career to the care of Bidwell Park.

2. CONSENT AGENDA

Commissioner Herrera requested that Item 2.1 be removed from the consent agenda.

2.1. Approval of Meeting Minutes

2.2 Permit Application for the Almond Bowl - 5k, ½ and Full Marathon in Lower, Middle and Upper.

Chico Running Club requests a permit to host a run in Lower, Middle and Upper Park on 11/3/13. The Commission is considering the application because the group is requesting the use of trails in Bidwell Park that are not considered intensive use areas.

2.3 Permit Application for the Love on the Rocks 5K/10K Run in Middle and Upper Park.

Under the Sun Events requests a permit to host a run in Middle and Upper Park on 9/7/13. This inaugural event is similar in nature to other Middle/Upper Park runs. The Commission is considering the application because the group is requesting the use of trails in Bidwell Park that are not considered intensive use areas.

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

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

MOTION: Approve consent agenda. **MADE BY:**Herrera. **SECOND:** Rood. **AYES:** 4 (Herrera, Ober, Rood and Traulsen). **NOES:** 0. **ABSENT:** 3 (Brentwood, Emmerich and Moravec)

ITEMS REMOVED FROM CONSENT – 2.1 APPROVAL OF MEETING MINUTES

Commissioner Herrera asked why the June meeting was cancelled as it would have been helpful for the public to understand and weigh in on budget decisions. Parks and Natural Resource Manager Efsaaff stated that the City often cancels meetings if there are no action items on agendas (there were none for June). In addition, the City Council meetings are the most appropriate and effective venue to weigh in on budget concerns. Council action at the budget workshop (held on June 18th), occurred well after the typical deadline for meeting reports and staff would have been unable to respond to the implications of Council action. Staff did outline potential impacts at the May BPPC meeting.

MOTION: Approve minutes of BPPC held on 05/28/13 as submitted. **MADE BY:** Rood. **SECOND:** Traulsen. **AYES:** 4 (Herrera, Ober, Rood and Traulsen). **NOES:** 0. **ABSENT:** 3 (Brentwood, Emmerich and Moravec)

3. NOTICED PUBLIC HEARINGS

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

City Associate Planner Greg Redeker presented the information on the project adjacent to Upper Bidwell Park's south side. He described the process as an advisory review of a request to subdivide a 7.9 acre site (the agenda annotation incorrectly stated 7.34 acres) located adjacent to Upper Bidwell Park into two lots for single-family residential development. He noted that the northernmost 250 feet of the site adjacent to Bidwell Park will remain undeveloped as a no build zone, and that no trees are slated for removal. He also reviewed viewshed photographs taken in the field. He explained that the BPPC review is pursuant to the Bidwell Park Sphere of Influence policy, and that the Planning Commission would take the BPPC's direction into account when making a decision on the parcel map.

Jim Stevens, NorthStar Engineering, project engineer, described the use of a 20 foot pole with an orange box to help show the visibility of the highest level in which the applicant could build. Nicole Ledford, also from NorthStar Engineering, demonstrated photographic simulations of the proposed site using Google Earth from various viewpoints within the park.

Planning Associate Redeker stated that the northern 250 feet of the parcel was zoned OS-1, primary open space, which constrains what can be done on that portion of the site.

Commissioner Herrera expressed skepticism about the photographs which he claimed could not really demonstrate the view of the homes until they were actually built. He also noted that some of the existing homes already affect the viewshed.

The Parks and Natural Resource Manager stated that the existing Bidwell Park Viewshed policy was a result of previous development near Upper Park.

Mr. Redeker stated when the homes were built on Parcel 7 (above Alligator Hole), there was a different approval process and that the set back had been deficient and the property much more visible than the current project.

Acting Chair Ober recalled that he served on the BPPC during the creation of the viewshed policy and noted that it was developed so that the review and input process like what is occurring would take place. He opened the discussion to the public.

From the Public:

Attorney Rick Leland, representing neighbor Larry Buckley, presented his own photographs with a rough visual simulation of the proposed houses. He also expressed concern of the project's incremental impact on the Bidwell Park Master Management Plans objectives of eliminating invasive weeds and night sky pollution.

Michael Marks, who is the neighbor on the other side of the Schreder property, spoke in favor of the project. He stated that the Pinnacles homeowners association has fewer properties than Canyon Oaks, and that the two associations would soon be merged as one. He yielded his time to Jim Stevens (of Northstar Engineering) who stated that the Pinnacles is the last development and that there are no other parcels in the Pinnacles which can be subdivided.

Liz Gardner stated that light pollution is a big problem with further development in the foothills and that the Parks night sky was truly unique and should be safeguarded.

Chair Ober clarified that the item provides the Commission with an opportunity to give feedback and suggestions. Discussion ensued on the use of native plants and minimizing nighttime sky impacts. Commissioner Traulsen encouraged the Planning Commission to ask the property owner(s) to obscure any buildings with native plants.

MOTION: The BPPC recommends that the Planning Commission consider requirements to 1) use only native plants in the landscaping, 2) use plantings to help buffer the view of the structures from the park, and 3) minimize night sky impacts on the Schreder parcel. MADE BY: Rood. SECOND: Traulsen. AYES: 3 (Ober, Rood and Traulsen). NOES: 1 (Herrera). ABSENT: 3 (Brentwood, Emmerich and Moravec).

The group also discussed the idea of taking a position on the action of subdividing the property. Commissioner Ober and Herrera expressed concerns with allowing any more houses to be constructed near the park beyond what is already approved.

MOTION: The BPPC further recommends to the Planning Commission that the Schreder parcel remain as a single lot. MADE BY: Herrera. SECOND: Traulsen. AYES: 4 (Herrera, Ober, Rood and Traulsen). NOES: 0. ABSENT: 3 (Brentwood, Emmerich and Moravec).

4. REGULAR AGENDA – NONE

5. BUSINESS FROM THE FLOOR

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

Liz Gardner of the newly formed Caper Acres Volunteers asked why the decision was made to close Caper Acres and Park gates without the Park Commission and without review and input from the public. She asked about the cost to have the Assistant City Manager or administrative staff to open the gates, and how closing the park saves the City money? She stated that perhaps the City could approach CARD for assistance and perhaps the Golf club.

Commissioner Herrera stated that Chico does not have a community deficit, and that he missed not having the June BPPC meeting to receive input and he feels the BPPC should be able to weigh in on the budget decision making regarding the Park. Parks and Natural Resource Manager Efseaff stated that budget decision making is the purview of the Council and the June 18 budget workshop would be most appropriate for those comments rather than the BPPC. Staff will provide the BPPC with impacts to services.

Abigail Lopez (Caper Acres Volunteers) asked how the group could be put on the agenda so as to discuss how Caper Acres can be kept open. She asked if Community Service workers could help. She feels that a Bidwell Park Summit would be helpful to work on solutions and also, asked why the City does not hire for-profit companies to do Park maintenance.

Park Services Coordinator stated that we do use Community Service workers in our well established Park Volunteer Program. Parks and Natural Resource Manager stated that ServePro will donate time to clean up restrooms so that Park maintenance could focus on Caper Acres and keep it open longer.

Chris Bolshazy (from SEIU, the Union that represents city maintenance workers), stated that our crew knows the Park and trees the best and that the BPPC does have power and duties to make decisions on budgetary and contract issues.

Al Petersen of the Caper Acres Volunteers expressed concern about the fence around the playground and how vandalism and illegal activity can be stopped.

Commissioner Herrera wanted to know how to agendize these issues. Commissioner Ober requested that two items be placed on a future agenda: a) planning work for the new Caper Acres group; and a b) park and Open Space Summit meeting.

Parks and Natural Resource Manager Efseaff stated that the process is to receive a written request that the BPPC would consider on whether the item would be heard at a future meeting. The item could be referred to staff to address or provide information, referred to committee, or deferred to future agenda for full consideration and action by the BPPC.

Commissioner Ober stated his support and as the BPPC executes the Caper Acres Workplan item, that the BPPC will explore partnerships with volunteers and include the Caper Acres Volunteer group.

Woody Elliot asked about whether Park user fees would be brought back to the BPPC and suggested taxes and entrance fees might be considered.

Park Services Coordinator Smith-Peters stated that the fee revisions will be going to the Policy Advisory Committee in the fall as directed by the BPPC several months ago. City on a whole is revising its fee schedules and will be reviewed and decided upon by the City Council throughout the year.

Michelle Mittman asked about the operating costs of the Park and that there are questions about the City's general fund. Park Services Coordinator stated that donations made to the Park do NOT go into the general fund but are held in a separate account devoted only to the Park.

6. REPORTS

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

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

Parks and Natural Resource Manager Efseaff reported that staff has put the Trail and Natural Resources Plans on hold until the Fall at which time staff hopes to make progress on these items.

The Bidwell Challenge is coming up on August 17 and the applicant understands the conditions. The trees on 3rd and Chestnut which are slated for removal were first identified 6 years ago as hazardous. The Park maintenance crew has been cut from 7 to 4; now down to 2.75 Fulltime equivalent for

Rangers and only 2 Street tree staff. The Park Division is working on contracts, including an emergency response contract and pruning contract for the street tree program.

Commissioner Herrera asked that the chart staff has worked on outlining the changes in budget and provides some insight into where the Division is directed. It is in a draft form.

Staff reported that the Birthday Bash held on July 20 was a success and staff expects it to grow as a park fund & fundraiser.

From the Public

Chris Bolshazy (of the SEIU) stated that under Chico Municipal Code 1006.1 that the BPPC's power and duties give the commission more oversight into budget and contract decisions. And ultimately it was the General Services Director that made the final decision on cutting park services. He stated that the funds being used to contract out should be directed toward bringing back a maintenance worker.

7. ADJOURNMENT

The meeting was adjourned at 9:30 pm to the next regular meeting on August 26, 2013 at 6:30 p.m. in the Council Chamber of the Chico Municipal Center building (421 Main Street, Chico, California).

Date Approved: / / .

Prepared By:

Lise Smith-Peters, Park Services Coordinator

Date

Distribution: BPPC

>>> Richard Ober <richard.h.ober@gmail.com> 8/20/2013 7:33 AM >>>
Dan and Lise,

Thanks for this. I would like to add "Discuss options for Public/Private Non-Profit Partnership between the City and Caper Acres Volunteers" to the agenda for an upcoming BPPC meeting. I believe this item needs to be agendized because:

1. Caper Acres is an item on the workplan.
2. Budget cuts have left this resource in greater peril
3. Public/Private partnership arrangements are routinely part of BPPC agendas (Chico Cat Coalition, for example)
4. There are future policy implications for any arrangements the city may end up making with the Caper Acres group that could become a model for supporting other public/private partnerships in parks and greenspaces
5. There are current policy implications around the status of this potential city partner - what is their 501c3 status (if any)? what are their funding sources (if any)? are they organizationally prepared to play a role in the park and what are the limitations of that role?

I firmly believe that discourse on this item (and on most topics) will be greatly enhanced if held in a public (noticed) forum. It appears to me that the community believes that volunteers (and private firms) can and should be playing a much greater role in "running" our parks, greenspace, and street trees. That's a discussion that should be held in public so that any possible benefits can be weighed against the costs (both soft and hard "costs").

Thanks,

Rich Ober

On Fri, Aug 16, 2013 at 9:21 AM, Dan Efseaff <DEfseaff@ci.chico.ca.us> wrote:
Hi, Lise has been ill and meant to send this out earlier.

As you know, issues come up that may not require a new policy, please consider if is an item that just requires information, addressed through mechanisms already in place (thru staff or administratively), the Council would like to see how it relates to the work plan, staffing impacts, what are we giving up, etc.

Please contact us to see if you need assistance or need questions.

Sincerely,

Daniel Efseaff | Park and Natural Resource Manager
Public Works Department | City of Chico
965 Fir Street | PO Box 3420 | Chico, California 95927
o [530.896.7801](tel:530.896.7801) | f [530.895.4731](tel:530.895.4731)
defseaff@ci.chico.ca.us | www.chico.ca.us

>>> Lise Smith-Peters 8/14/2013 11:10 AM >>>

Dear Commissioners,

At the last meeting we discussed the process of agendizing items not part of regular business and not part of the work plan. This is a reminder on how a Commissioner goes about agendizing an item (we follow the City Council process):

Staff needs to receive a

- 1) a written request from a Commissioner to agendize a specific item for consideration (this can be done via email);
 - 2) the consideration of the request to agendize the item is put on the next regular agenda.
- at the next meeting:

3) The Commissioner addresses the Commission regarding the request and makes the case why it needs to be considered;

4) Public input is obtained on whether the Commission should or should not take up the requested issue;

5) Following the public comment, the Commission votes on if the issue should be heard, referred to Committee, or referred to staff for additional information.

Staff usually will provide information on how it may relate to efforts already underway, upcoming related agenda items; and a rough timeline as to how long it may take to prepare the materials (and possibly what will be delayed on future agendas).

If you have any questions, please let Dan or I know. Thanks,

Lise

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Richard Ober
667 E. 5th St.
Chico, CA 95928
530.588.5789
richard.h.ober@gmail.com



DATE: 08/20/13
TO: BPPC
FROM: Dan Efseaff, Park and Natural Resource Manager
SUBJECT: Park and Natural Resource Manager's Report

NARRATIVE

1. Updates

- a. Agendizing Process – At the last meeting, the question came up about the process for Commissioners to agendize new topics. The BPPC follows the City Council process: 1) Commissioner submits a written request on the agenda topic and the reasons for consideration, 2) staff adds the item to a future meeting agenda and the item is placed on the agenda to consider whether the item should be heard further. 4) at the meeting, the Commissioner making the request explains the urgency of the request and why it should receive priority over workplan items or regular city business. Park issues often come up that do not require a new policy or that need to be heard by the full Commission. In considering whether to agendize an item, please consider if it is an item that just requires information, or can be addressed through mechanisms already in place (thru staff or administratively). In addition, the Council would like to see how it relates to the BPPC's workplan, impacts to staffing, budget, and what will need to be delayed or given up to take up a new issue.
- b. Impacts to Operations – Staff presented a verbal presentation at the last BPPC meeting to discuss the impacts of staffing reductions on Parks. Follow-up information on the impacts to street trees and landscapes is being prepared.

2. Administrative and Visitor Services

- a. Permits – In response to staffing changes (loss of a Ranger) to provide review and follow-up, and a recent rash of last minute applications, staff will be developing a streamlined system that will rely on the applicants to provide more information up-front and let them know what materials they may need for BPPC approval. BPPC members will note a change in event reports likely at the next BPPC meeting.
- b. Sycamore Pool Hours – With the start of school, the Sycamore pool hours will change. Beginning August 19, lifeguards will work a more limited schedule from 2:00 p.m. to 7:00 p.m weekdays and from 11 a.m. to 7 p.m. Saturdays and Sundays. There will be no lifeguards on duty from August 26 - August 29. Regular lifeguard hours will be in affect on Labor Day weekend, August 30- September 2 from 11 a.m. to 7 p.m.

3. Planning/Monitoring

- a. Peregrine Point Disc Golf Monitoring– A draft of the 2012 Monitoring Report is attached for review. Input is welcome and the final Monitoring Report will be presented formally at a Fall BPPC meeting for adoption.

4. Maintenance Program

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

- a. Lower Park: The reduced Park staff strived to keep the One Mile Area clean and safe from graffiti, trash and broken glass hazards, along with increased elevations and thinning of trees and shrubs to increase visibility.
- b. Middle Park: Invasive plant removal from the levee at Five Mile is under way and will continue through the summer.
- c. Upper Park: Staff completed the Lot E fence extension to help redirect the public away from the renegade trails that have been cut into the containment cell. As fall approaches, staff will replant the damaged areas with native grasses to restore the integrity of the cell top.

- d. Upcoming Projects: Reopen Caper Acres with the help from a volunteer cleaning company, the opening of Five Mile Restrooms, and if possible the start to the grading of all parking lots.

5. Ranger and Lifeguard Programs

- a. Rangers staffing – A more complete report will be submitted in the next report.
- b. Bidwell Challenge – the event evaluation is attached. Fewer racers than were anticipated participated allowing for the event to finish much earlier than planned and with no impact to gate schedule.
- c. Lifeguards - As school begins, the hours for the Sycamore Pool will change. For the week beginning Monday, August 19th, lifeguards at Sycamore pool will work a more limited schedule from 2:00 p.m. to 7:00 p.m weekdays and from 11 a.m. to 7 p.m. Saturdays and Sundays. There will be no lifeguards on duty from August 26th through August 29th. Regular lifeguard hours will be in affect on Labor Day weekend , Friday, August 30th through Monday, September 2nd from 11 a.m. to 7 p.m. Weekly pool cleanings will continue on Thursday mornings for the next two weeks. The pool is closed on Thursdays.

6. Natural Resource Management

- a. Bobcat in Lower Bidwell Park – There have been several sightings of a bobcat in Lower Bidwell Park near the Creek. A visitor took this photo and shared it with us. A CARD worker also called in last week to say that he had seen a bobcat near the levy near Hooker Oak Park.



7. Outreach and Education

- a. Teichert Ponds – Staff sent out 17 Courtesy Notices to neighbors. With the opening of the bike bridge across Little Chico Creek, many people are discovering the wildlife in this area, and we have received observations about the dumping of yard waste, trash, and illegal encampments in the area. We ask that visitors and nearby neighbors help us be good stewards of the property and report significant issues to us and help clean up trash and old debris piles. Staff will be setting up upcoming volunteer efforts, patrolling the areas and educating visitors.
- b. News Releases – Park Gates and Service Hour Changes; Bidwell Park Birthday Bash!; and National Night Out.
- c. National Night Out – The Park Division staff hosted its 3rd National Night Out at One Mile Recreation Area on August . There were fun and games, including a dunk tank and a prize drawing for a bicycle donated by Target.

8. Street Trees and Landscapes

- a. Field Supervisor Reports for July attached.
- b. Emergency Service Contract – Staff hosted a kickoff meeting with Petersen
- c. Black Walnut removal 6th Street and Chestnut – 6 trees removed during the week of 8/12-16.

9. Volunteer and Donor Program

Monthly Highlights

- a. Fund & Friend Raising -- Bidwell Park Birthday Bash! was held on July 20 to commemorate the Park's 108 birthday. The day's highlights included a 5K Run/Walk Dash; Chico Velo Raffle of prizes; En Plein Air with Avenue 9 Gallery; a Park Passport Contest with open houses featured at the Chico Creek Nature Center, Dog House Concessions; Horse Display at Chico Equestrian Arena; the Community Observatory (evening); putting lessons at Bidwell Golf Course; and the Rod and Gun Club. There were fun and games on the Sycamore Pool lawn during the late afternoon and the day ended with the CARD movie and announcement of the raffle winners. Sponsors contributed both financially and in-kind. See attached flyer. Volunteers helped staff the 5K race and the afternoon activities. As a inaugural event, we set modest goals for fund raising and established "breaking even" as an event benchmark. The Birthday Bash netted the following (does not include staff time expense):

Item	Amount
Revenue (in cash donations; race registrations; and Chico Velo Raffle, etc.)	\$3,788
Expenses (printing, supplies, race t-shirts and race administration, etc.)	\$1,987
Net proceeds	\$1,801

b. Help Support Bidwell Park -- Jake Early T-shirt Fundraiser – local artist and Bidwell Park enthusiast, Jake Early re-designed his Monkey Face print to showcase one of the Park’s major projects, the restoration of Monkey Face in Upper Bidwell Park. The T-shirts are for sale at the Park Division office for \$20.00 and will soon be able to be purchased in other locations. Available are men’s crew neck; women’s style and youth sizes.

c. Annie B’s Community Fund Drive – help Support Our Park Even More!: The Park Division will participate in the North Valley Community Foundation’s Annie B’s Community Fund Drive for its 7th year. Funds raised between August 1 to September 30 will be matched by a percentage grant from the NVCF. Funds will be used toward repair of the Park’s infrastructure; Park Division’s intern stipend; and toward signage and trails.

d. Upcoming Volunteer Opportunities

- i. Cal-State University, Chico’s Wildcat Welcome – The Park Division will host 40 incoming freshmen on August 25 from 11 am to 1 pm. Students will help clean Bidwell Park from their own campus creek area west through Lost Park, Annie’s Glen/Camelia Way and up through One Mile Recreation Area. Focus work will be trash removal.
- ii. Community Action Volunteers in Education (CAVE)– Park staff will meet with Associated Students’ CAVE staff members to plan the Fall semester. This will be the 7th year (14th semester) for the Park Division to hold the Adopt-A-Park program.
- i. Adopt-A-Site Program Continues – Sierra View Elementary School’s 4th grade classes will work their adopted site 27 (7th year); Blue Oak Elementary School begins its 3rd year of work at site 6 and Sigma Chi will work continue progress on restoring site #40.

e. Donations

Name/Organization	Amount	Purpose
John Lynch	\$100	Council Ring maintenance
Waste Management	\$159 value	40 yard vegetation dumpster for Upward Bound work day
Friends of Bidwell Park	\$224	Paid for 2 Waste Management vegetation dumpsters for volunteer worksessions.

10. Upcoming Issues/Miscellaneous

- a. Alcohol Policy Request – In anticipation of a proposal from the Bidwell Park Municipal Golf Course, the City Council requested that the BPPC review the potential and determine findings on the potential of the Course to serve alcohol (see attached). Staff received material from Empire Golf on this proposal on 8/16 and will review the request and provide information to a future BPPC meeting or Policy Advisory Committee meeting. Staff seeks BPPC input as to which venue they would like to address it.
- b. Bidwell Park Municipal Golf Course – Empire Golf recently requested a permanent sign and landscaping to the entrance of the golf course. In the meantime, Staff will authorize a temporary 4’ x 8’ sign for the course (Figure 1), the approximate location is shown. The Course will develop a proposal for a permanent sign installation with sufficient detail for staff and BPPC review and consideration.
- c. Caper Acres Master Plan – The Parks Division will be kicking off the master plan for Caper Acres this fall with an input meetings (at the Committee level) to gain public and BPPC input. This will be followed by a field visit. Input will also be sought from Caper Acres visitors. The input will be used to develop a list of priorities, needs, and costs. The plan will provide address improvements that lessen the maintenance load, improve safety, and retain the unique character of the site. The identified priorities and costs will be used as part of a capital campaign (and seeking other funding sources) to improve the facility.

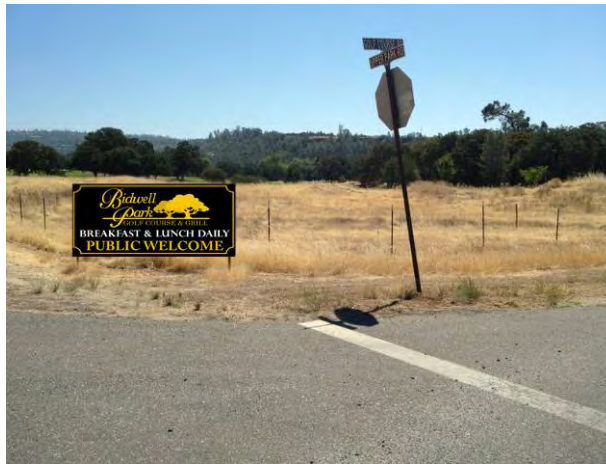


Figure 1. Rendition of Temporary Sign for the Entrance to the Bidwell Park Municipal Golf Course.

d. Rose Garden – At its August meeting, CARD considered a proposal for a rose garden in back of the CARD center. As the property is City property leased to CARD, the BPPC will be asked to consider changes to the property. As of this report, Staff have received only informal communication on the project.

MONTHLY SUMMARY TABLES

Table 1. Monthly Public and Private Permits

Date	Location	Organization	Event	Participant #
07/04/2013	One Mile	Do-It-Leisure	48th Annual 4th of July Celebration	2500
07/05/2013	City Plaza	DCBA	Friday Night Concert	125
07/11/2013	City Plaza	DCBA	Thursday Night Market	250
07/12/2013	City Plaza	DCBA	Friday Night Concert	125
07/18/2013	City Plaza	DCBA	Thursday Night Market	250
07/15/2013	City Plaza	DCBA	Friday Night Concert	125
07/21/2013	One Mile	Prevention Awareness	Memorial Walk	500
07/25/2013	City Plaza	DCBA	Thursday Night Market	250
07/26/2013	City Plaza	DCBA	Friday Night Concert	125
07/28/2013	One Mile	California Youth Connection	Foster Youth Conference	175
Totals			10	4425

Table 2. Monthly Private Permits

Permit Type	# of Permits	# of Participants
Private Events	15	804
Caper Acres Reservation	Ring 1 – 14 permits Ring 2 – 5 permits	505
Totals	34	1,309

Table 3. Monthly Maintenance Hours.






Category	Staff Hours	% of Total	% Change from Last Month	2013 Trend
1. Safety	403	34.2%	93.4%	
2. Infrastructure Maintenance	316	26.8%	68.8%	
3. Vegetation Maintenance	278	23.5%	119.1%	
4. Admin Time/Other	183	15.5%	97.3%	
Monthly Totals	1180	100%	89.9%	

Table 4. Monthly Citations and Warnings

Violation	Monthly			Annual			2013 Trend
	Total Warnings	%	Rank	Total Warnings	%	Rank	
Alcohol	17	8%	4	166	9%	4	
Animal Control Violations	31	14%	3	356	19%	2	
Bicycle Violation	65	29%	2	636	33%	1	
Glass	11	5%	5	69	4%	8	
Illegal Camping	9	4%	6	82	4%	7	
Injury/Destruction City Property	0	0%	10	0	0%	11	
Littering	2	1%	9	11	1%	9	
Other Violations	7	3%	7	137	7%	5	
Parking Violations	6	3%	8	110	6%	6	
Resist/Delay Park Ranger	78	35%	1	11	1%	9	
Smoking	0	0%	10	331	17%	3	
Totals	226	100%		1909	100%		

Violation	Monthly			Annual			2013 Trend
	Total Citations	%	Rank	Total Citations	%	Rank	
Alcohol	29	24%	3	124	23%	2	
Animal Control Violations	4	3%	5	47	9%	4	
Bicycle Violation	0	0%	10	4	1%	8	
Glass	11	9%	4	42	8%	5	
Illegal Camping	1	1%	8	36	7%	6	
Injury/Destruction City Property	0	0%	10	3	1%	9	
Littering	2	2%	6	3	1%	9	
Other Violations	1	1%	8	17	3%	7	
Parking Violations	33	27%	2	174	33%	1	
Resist/Delay Park Ranger	2	2%	6	2	0%	11	
Smoking	39	32%	1	76	14%	3	
Totals	122	100%		528	100%		

JULY PHOTOS



Volunteers Mareta and Ashley cut the Bidwell Park Birthday Cake.



Family racers receive awards for placing in the Birthday Bash Dash!



Volunteers staffed a Park Division information booth and helped cut a second birthday cake!



The Watermelon eating contest was a big hit at the Birthday Bash!



Upward Bound students learn to use a weed wrench to take out hackberry trees and the 6-week group at site 8.





The Upward Bound Service Day put 232 students and 22 adult volunteers to work in Bidwell Park and logged over 730 hours.



City staff members Theresa and Rick Rodriguez sport the new Jake Early T-shirts. The purchase of this unique T-shirt raises much needed funds for Bidwell Park! They are \$20 a piece and available at the Park Division.

Attachments:

1. Report: Impact to Operations to Parks, Street Trees, and Landscapes.
2. Street Trees report
3. Council Member Stone's request
4. Event Evaluation Bidwell Challenge.
5. Bidwell Park Birthday Bash Flyer
6. Bidwell Park Pulse, Summer Edition

--PRELIMINARY DRAFT--

Draft 2012 Year End Monitoring Report for the Peregrine Point Disc Golf Course

Upper Bidwell Park, Chico, California

June 10, 2013



City of Chico

General Services Department – Parks Division

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Table of Contents

I.	Introduction	1
A.	Monitoring Requirements	2
B.	Sampling Area.....	3
C.	Adaptive Management Framework	3
II.	Summary of Results	6
A.	ORAI Annual Report	6
B.	Site Evaluation and Photo Point Monitoring.....	6
C.	Butte County Checkerbloom and Bidwell's Knotweed, and Wildflower Field Surveys	6
D.	Blue Oak Woodlands	7
E.	Data Handling and Storage	8
III.	Discussion and evaluation of Data	9
A.	Identification of Data Gaps.....	9
IV.	Follow-up Recommendations	9
A.	Findings and Course Improvements	9
B.	Alterations to the Next Monitoring Plan or Report.....	11
V.	Summary	12
VI.	References	12

List of Tables

Table 1.	Summary of Mitigation Measures Related to Long-Term Monitoring.....	4
Table 2.	2011 ORAI Tournament Participation.	6
Table 3.	Template Comparison of Key Data from Botanical Monitoring (to be completed with next version).....	7
Table 4.	Comparison of Priority 1 and Reference Trees Using ANOVA Based on 2011 Observations (Foothill 2012).....	Error! Bookmark not defined.
Table 5.	Tees and Targets within Oak Trees Driplines.....	10

List of Figures

Figure 1.	Peregrine Point Disc Golf Course (Long Course) (City of Chico, 2011).	5
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List of Appendices

Last Year's List – Will change in next version

Appendix A –Revised (As Of 4/11/12) Summary Of Mitigation And Monitoring Measures For The Bidwell Park Peregrine Point Disc Golf/Trailhead Area.

Appendix B – ORAI Annual Report

Appendix C – Peregrine Point Photos

Appendix D – [NSR]. North State Resources. 2011. Peregrine Point Disc Golf Course Botanical Monitoring. NSR No. 51325. Chico, CA.

Appendix E – Foothill Associates. 2012. Upper Bidwell Park Peregrine Point Disc Golf Course Baseline (Year 1) Oak Tree Monitoring and Assessment Report. March 15, 2012. Chico, CA.

Appendix F – Statistical Analysis

Suggested citation:

City of Chico. 2012. 2011 Year End Monitoring Report for the Peregrine Point Disc Golf Course. Chico, California. June 14, 2012. General Services Department, Parks Division. Chico, California.

- PRELIMINARY DRAFT -

I. INTRODUCTION

Note: This document is a preliminary draft and is provided to allow initial comments that will be addressed in the Revised version that will be submitted as part of the September 30, 2013 Bidwell Park and Playground Commission meeting. The contents and conclusions of the document should be viewed with caution as much of the data have not been verified and many tables and appendices are incomplete. Therefore the document will change as corrections are made. Please submit comments to parkinfo@ci.chico.ca.us by 9/10/13.

The Bidwell Park and Playground Commission (BPPC) and Chico City Council have directed Staff to work with Outdoor Recreation Advocacy, Inc. (ORAI) toward the construction of a disc golf long course and installation of mitigation measures at the Peregrine Point Trailhead Area. The course is located in Upper Bidwell Park off of Highway 32.

ORAI began course development on September 1, 2010. Pursuant to the adaptive management model integrated into the mitigation concept adopted for the project, additional work and course changes will be required over time. The cornerstone of a successful adaptive management approach is a comprehensive monitoring program.

An operating agreement developed between the City of Chico and ORAI helps implement the disc golf course development, operation, and mitigation measures. Approximately 79 mitigation measures (Exhibit B in the Operating Agreement) were identified as part of the environmental review for the Bidwell Park Master Management Plan (BPMMP) (EDAW, 2009). As part of the project, the City of Chico developed a monitoring plan for the site (City of Chico, 2011).

The goal of the monitoring plan is to provide a framework from which ORAI and the City can begin monitoring the project. The framework will help define the extent and nature of monitoring. ORAI will pay up to \$5,000 annually toward completion of monitoring costs, and will complete maintenance and repairs to the course as needed. ORAI will also communicate issues regarding course repairs or resource impacts to the City. The City or a consultant hired by the City will collect data and provide annual reports on the project. The City or outside consultant will invoice ORAI for monitoring work. Annual reports will be submitted to the BPPC and made available to the public.

This monitoring plan articulates the adaptive management approach, and outlines the monitoring approach and framework to evaluate the ongoing operation of the Peregrine Point Disc Golf Course. Monitoring provides the basis for assessing impacts associated with implementation and operation of the project. Several corrective actions are outlined in the agreement, if they become necessary. Additional corrective actions could be developed if monitoring suggests they are necessary. This document lays out

- PRELIMINARY DRAFT-

the plan and process for monitoring, the results, findings, and status of the mitigation measures will be documented as part of future monitoring reports.

This monitoring plan provides an adaptive management framework for data collection at the site. The focus of the document is on the monitoring identified in the mitigation measures developed for the site, but it also provides guidance as to communication and the process for considering changes on the implementation or monitoring of the project.

Key functions of the end of season report are to:

- Communicate implementation activities,
- Review monitoring results and project activities,
- Document the completion of project milestones,
- Point out salient monitoring results,
- Evaluate the effectiveness of monitoring activities and identify data gaps that require additional action or consideration.
- Identify potential challenges or objectives for the upcoming year, and
- Recommend specific actions (adaptive management recommendations) on any aspect of the program for the following year.

This step completes the general adaptive management model noted in the Monitoring Plan (City of Chico, 2011), and helps place the various monitoring efforts into a larger context. Based on the findings of the monitoring, modification to this program or the need to continue it should be considered after the 5th year.

As part of the adaptive management approach, we anticipate that this document will evolve over time as understanding of the site becomes more refined. Data collection frequencies, intensity, and protocols may change and future updates will reflect those changes.

A. Monitoring Requirements

This program proposes a series of monitoring efforts to match the requirements of the mitigation measures for the site according to the BPMMP and to also aid in the general management of the project.

The current status of all proposed mitigation measures (as of 4/11/12) is provided in Appendix A, and a summary in Table 1. While 77 mitigation measures were devised, 14 are the focus of this Monitoring Report (Table 2). Other measures, such as those marked as completed or “completed, on-going monitoring required,” were subject to observations during site inspections.

- PRELIMINARY DRAFT-

Table 1. Tally of the Status of Mitigation And Monitoring Measures for the Peregrine Point Disc Golf Course (4/11/12).

Mitigation	Total	Not Applicable	Completed	In Progress	To Be Determined	Not Completed
Air Quality	11	4	7	-	-	-
Biological Resources	52	13	17 ^a	16	6	-
Cultural Resources	9	4	5	-	-	-
Hydrology	1	1	-	-	-	-
Noise	3	-	3	-	-	-
Traffic	1	-	-	-	1	-
Total	77	22	23	16	7	-

^a Tasks noted as completed may be split into ones that were required during construction and no further action is needed and ones that must have on-going monitoring to make sure that they are completed (for example, signs are completed on site, but must be monitored to make sure that they are replaced if they are removed. Nine items are completed but require on-going compliance monitoring.

B. Sampling Area

The sampling area is within the Peregrine Point Disc Golf course (Figure 1). Monitoring efforts are connected to the installation and maintenance of the long course. Monitoring of other areas of the site are beyond the scope of this effort. Fairway areas were developed geometrically using GIS techniques, with assumptions made about the range of disc throws and angles. The shape was modified based on the position of trees (open sites tend to have wide fairways and ones with a lot of trees, narrow). This approach provides a reasonable approximation of fairway locations and where most of the play may occur.

C. Adaptive Management Framework

The Monitoring Plan (City of Chico, 2011) outlines an adaptive management framework that guides this project and should be referred to for details. Alterations to the monitoring protocol or changes are captured in later sections.

- PRELIMINARY DRAFT -

Table 1. Summary of Mitigation Measures Related to Long-Term Monitoring.

Topic	Mitigation #	Description/Goal	Trigger	Remedy
Butte County Checkbloom	BIO-1b-f	Adopt an Adaptive Management program to document changes over time.	Start of project.	Role and adaptive management program developed in this document.
	BIO-1b-g	Long term maintenance of the same number and approximate extent of Butte County Checkerbloom as the 2005 survey.	Data indicates a decline in existing populations after implementation.	Relocation of trails or disc golf structures.
Bidwell's knotweed	BIO-1d-a	Use a habitat approach to minimize impacts on wildflower fields.	High fluctuation in annual population makes tracking difficult.	Minimize impacts to wildflower fields.
	BIO-1d-e BIO-1d-f (remedy)	Document and monitor changes in existing population.	Monitor annually. Decline in number or extent of existing populations.	Implement Plant Objective O.P-7 and Plant implementation strategies and guidelines I.P-3 and I.P-4 of the BPMMP. Relocation of trails or disc golf structures in vicinity of populations or other management strategies to benefit the plant.
Oak Woodland	BIO-3c-b	Decommission trails in oak woodlands that are part of a site-specific Park Improvement project.	Monitor annually	Reclaim using barriers. Decommission unused trails, identify needs annually.
	BIO-3c-i	Protect tree trunks without damage to the root zone and preserves visual character of the site.	Monitor annually	Consider protection measures, such as shielding poles.
	BIO-3c-j	Minimize soil compaction around tee pads and on trails under oak driplines.	Monitor annually	Apply 6 inch layer of woodchip mulch to a 20' radius around the tees and on the trails.
	BIO-3c-k	Determine if any unavoidable impacts are occurring as a result of site use.	Twice annually	Replant oak woodland habitat in suitable areas (l) according to conditions outlined in BIO-3c: l, m, n, o, p for a period of 5 years.
Wildflower Fields	BIO-3d-f	Reclaim existing trails not retained as part of site-specific Park Improvement Projects.	Monitor annually	Reclaim using barriers to discourage use. Reseeding may be considered over time.
Signage	BIO-1b-d BIO-1d-b BIO-3c-h BIO-3d-g	Maintain permanent signage to inform users of the presence and sensitivity of 1) Butte County Checkerbloom, 2) Bidwell's knotweed and wildflower field, 3) value of native oak trees and woodland, and 4) presence and sensitivity of the wildflower field community, discourage off trail use.	Monitor annually	Repair or replace signs.

- PRELIMINARY DRAFT-

Figure 1. Peregrine Point Disc Golf Course (Long Course) (City of Chico, 2011).



II. SUMMARY OF RESULTS

This monitoring report is based on the following reports related to monitoring at the site:

- Wildflower and survey (NSR 2012),
- Blue oak monitoring (NSR 2012),
- Site evaluation and ranger observations (by City of Chico staff), and
- Annual report (ORAI 2012).

A. ORAI Annual Report

ORAI provided a brief report (Appendix B) summarizing activities at the course including volunteer efforts and costs associated with payment for site studies. ORAI reported the following participant numbers for tournaments (they estimated a small number of observers (0-3) at each event, but did not track those numbers).

Table 2. 2012 ORAI Tournament Participation. [will be added to final]

Date	# Participants
Total	

B. Site Evaluation and Photo Point Monitoring

The intent of the Site Evaluation is for Staff to assess the compliance with mitigations and observe any improvements or areas of concern (Chico 2011). Throughout the year some observations were shared and remedies developed with ORAI. A catalogue of photos are presented in Appendix C.

C. Butte County Checkerbloom and Bidwell's Knotweed, and Wildflower Field Surveys

In Spring 2012, North State Resources, Inc. conducted surveys to document the extent and distribution of Butte County Checkerbloom and Bidwell's Knotweed (NSR 2012). Table 3 presents the data from past years: 2010 (preconstruction), 2011, and 2012. While it is tempting to compare data, at this point only the 2011 and 2012 data were collected with consistent methods. We should note that while observers marked the boundaries (lines) of wildflower fields with a GPS in 2011, these will have to be converted from lines into polygons to arrive at an area estimate. If available, this will be compared in future reports.

- PRELIMINARY DRAFT-

Table 3. Preliminary Comparison of Key Data from Botanical Monitoring.

Resource	Variable	Sub-variable	2010	2011	2012	Trend
Bidwell's Knotweed						
	# Patches		10	10	18	
	Area (acres)		3.16	4.62	1.6	
Wildflower Fields						
	# Patches		-	-	17	
	Area (acres)		-	-	4.6	
Butte County Checkerbloom						
	# Occurances		62	132	114	
		# units reproductive	-	64	59	
		# units vegetative	-	68	55	
	# Racemes			145	247	
		# racemes in flower/fruit racemes	-	50	27	
		# racemes in bud	-	39	132	
		# racemes nipped	-	56	88	

Notes: Starting in 2011, more detailed information was collected and is comparable to data collected in later years. Wildflower field boundaries marked in 2011, but not as polygons. Staff will explore digitizing them to obtain areas.

D. Blue Oak Woodlands

1. Transect Sampling

An interrupted belt transect (4 permanent 25 m x 4m quadrats) was established on site (Foothill 2012) which includes data on 9 trees. The data provide a long term view of changes on the site (including density). We did not compare data between years.

2. Examination of GIS Analysis of Blue Oak Woodland

The monitoring plan (2011) notes that this method is related to long-term monitoring and utilized after 5-10 years. A base map based on 2009 aerial photography is available. No comparisons are possible until the next set of aerial photographs become available.

3. Assessment of Blue Oaks within Course Boundaries

In 2012, North State Resources (2012) collected data related to Priority 1 trees and reference trees. Comparison of Priority 1 trees provide a year to year comparison; while comparison between Priority trees and reference trees provide a more immediate comparison that could help define year to year variation.

NSR (2012) provides summary data (distribution in classes) and the data for individual trees.

- PRELIMINARY DRAFT-

Table 4 provides some basic statistical analyses using ANOVA techniques (Appendix F). For categorical data, we converted the data into numerical values to complete the analysis. These are summarized in Table 4.

Table 4. Comparison of Priority 1 and Reference Trees Using ANOVA Based on 2012 Observations.

Variable	Reference Tree (n = 52)		Tree Priority 1 Tree (n = 39)		Statistically Different (p-value)
	Ave	Std Dev	Ave	Std Dev	
Diameter at Breast Height (DBH) (ft)	9.96	5.01	10.87	5.81	No (p=0.43)
Tree Height (ft)	19.98	6.32	20.49	6.49	No (p=0.71)
Crown Width (ft)	21.35	12.22	17.67	9.40	No (p=0.12)
Trunk Quad Impacts (#)	0.42	0.72	2.44	0.99	Yes (p<0.0001)
Damaged Bark Patches (#)	0.41	1.35	0.61	0.67	No (p = 0.37)
Broken Branches (#)	3.33	3.48	4.85	2.62	Yes (p < 0.025)
Dead Canopy (%)	17.81	11.11	18.77	17.64	No (p = 0.75)
Tree Condition (#)	3.12	0.62	3.15	0.75	No (p= 0.79)

Note: Treated multiple stems as individual entries. Data from NSR 20xx, statistical analysis printout in Appendix XX.

In 2011, we observed differences in Tree Height (ft), Trunk Quad Impacts, and Damaged Bark Patches (Using ANOVA). In 2012, we observed:

- Priority 1 trees exhibited with 1) Trunk Quad Impacts and 2) broken branches. Next year's data will all for a better comparison, but as a follow-up, we combined data sets and explored some potential differences between 2011 and 2012.
- Priority 1 trees showed an statistically significant (p < 0.005) increase in the number of broken branches versus reference trees (mean difference of 1.49 branches).
- We did not observe a statistically significant difference in condition (p = 0.1).

We should note that the variation on these values was large and that time and further monitoring will indicate whether these impacts have long term detrimental effects.

E. Data Handling and Storage

The City will receive electronic and hard copies of all reports and field data sheets and will serve as the repository for monitoring reports. The reports will contain summary information and findings. Final monitoring or annual reports will be forwarded to BPPC members as part of reports on the project, and will be available to the public. The reports will also be made available through the City of Chico website (<http://www.chico.ca.us/>). Project derived GIS layers will be submitted to the City's GIS department (and stored at CSU Chico's Geographical Information Center). Any copies of data sheets will also be submitted to the City.

III. DISCUSSION AND EVALUATION OF DATA

A. Identification of Data Gaps

- Damage from impacts was evident on many of the priority 1 trees across the course. In general, impacts to bark and cambium cause additional stress on the trees (to repair), potentially provide a portal for pathogens or insects, and make the trees more susceptible to mortality from other events (i.e drought stress mortality). What the effect of such impacts and blue oak mortality on site is uncertain, but the challenges for blue oak growth on site strongly suggest the need for protective strategies or measures.
- The data for the reference oaks were collected in fall, meaning that this year's plant vigor estimates may not be comparable (since it relies considerably on leaf health). However, we did not observe any statistical differences between dates ($p = 0.382$).
- Many of the measurement variables were set up for year to year or trends over time and the limited data collected so far do not provide much in the way of trend analysis.

IV. FOLLOW-UP RECOMMENDATIONS

A. Findings and Course Improvements

A number of course improvements will be explored with ORAI in 2012, these include:

- Based on last year's recommendation, the City will install a sign that outlines basic rules, etiquette, park rules, and stewardship, and a bollard with a closed sign on the entrance to Hole 1 that would be used when the course is closed.
- Compliance with wet weather (conditions) closures continues to be of concern. We anticipate enhanced education and enforcement efforts for all of Upper Park during the next winter 2012-2013.
- Last year's report noted that "Although many plants struggle with the challenging soil conditions on the site, the photo monitoring (Photo point PP 2.9 indicates a grey pine sapling that appears to have grown more than 6 inches between photos), suggests that under the right conditions, these plants can grow quickly. We would like to explore the potential of planting grey pine and buckbrush as screens to protect either wildflower areas (to the left of the pad on Hole 14) or to protect blue oaks from disc impacts (on southside of the target for hole 10)." Last winter's drought precluded any plantings.
- Install markers on the top of targets to identify the hole number. This may minimize confusion for first time users (for example at the targets for Holes 1 and 18. ORAI will get City approval of the design before fabrication and installation.
- Although many of the trails between holes and the next tee pad appear to be defined, some of the pathways on fairways will need to be examined and refined.
 - Disc golfers were not using the trail connection between Holes 8 and 9, it has been rerouted and staff will evaluate with ORAI in 2012.
 - Another exception is the trail between Hole 16 and 17 with many users not using the developed path (Figure 1). Staff will be working with ORAI in

- PRELIMINARY DRAFT-

2012 to look at the alternative trail that has been established. The most likely alternative is to develop the more direct route from 16 to 17 and abandon the section that runs around the back side of 14 to 17. This was suggested by Staff, but the “as built” route was used because of concern that people walking to the next hole would interfere with play.

- Pathways (especially the first third or so on fairways) will be reviewed with ORAI with the goal of reducing the number and width of trails.
- Staff and ORAI will examine options to keep water off of a path that has developed along the hillside on Hole 4.
- The snake rail fencing on the course appears to be functioning well in narrowing trails and keeping users off out of bounds/sensitive areas, and has become less intrusive as it has weathered.
- Identify trees that appear to be the most susceptible to disc impacts and explore alternative trunk protection methods on them with ORAI.
- During the 2011 survey, NSR (NSR 2011) observed a fairly large infestation of barbed goat grass (*Aegilops triuncialis*) 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). Given the heavy foot traffic (high dispersal potential) observed in this portion of the study area, it is recommended that control efforts of this CDFA List B noxious weed be undertaken before it spreads further, potentially impacting rare plants within the study area. In addition, NSR observed a single scotch broom (*Cytisus scoparius*) plant (CDFA List C) in the eastern end of the study area. Staff recommends aggressive control actions. Options include: mechanical (hand pulling, hoeing, weed eating in the early flowering stage, or cut, bag, and remove). Burns are very effective, but could be challenging at that location. Herbicides are also possible with careful glyphosate application in the early season (we require a pesticide applicator’s license). Given the relatively small area, hand pulling the green plants before the seeds mature will likely be the most effective approach.
- Perhaps the biggest challenge is related to the mulch requirement on the course. Mulch on the course will need to be replenished. This mitigation (BIO 3C- j) is to limit the amount of compaction under the dripline of oak trees at tees or trails (it excluded targets). Mulch has been applied to all tees and targets on the course.
 - While mulch (especially straw mulch applied before the winter rains start) is a good idea in areas with bare ground and slope (to minimize erosion), this measure is intended to prevent compaction under oak trees. While the mulch does provide a more finished look, prevents weeds from growing in high use areas, and limits erosion, it is only required under the mitigation measures on a subset of the course (and technically on the tees and trails only). Table 5 lists the tees and targets that are within the dripline of oak trees. The number of tees that require mulch is 8 tees. A minimum of 6 targets are within tree driplines too.

Table 5. Tees and Targets within Oak Trees Driplines.

Hole Number	Within Dripline?			
	Tee	Target	Connecting Trail	Project Notes

- PRELIMINARY DRAFT-

Hole Number	Within Dripline?			Project Notes
	Tee	Target	Connecting Trail	
1	N	Y	Y (near target)	
9	Y	Y	Y	
10	N	Y	Y (near target and tee).	
11	Y	N (borderline)	Y	
12	Y	N	Y (near tee)	
13	Y	Y	Y (near target)	
14	N	Y	Y	
15	Y	N	Y (minor)	
16	Y	Y	Y	
17	Y	N	N	
18	Y (minor)	N	N	

Notes: N – No. Y – Yes. Bold indicates more than 3 yards required.

- Narrow functional trails (less than 4 -5 ft wide) do not warrant mulch placement. Many of the connecting trails only require mulch near tee pad or target and would really be handled as extensions of mulch in tee or target areas.
- Staff and ORAI will discuss options of importing mulch onto the site. Several holes are relatively accessible from the gate to staging areas (1, 14, 15, 16, 17, and 18) where wheelbarrows could be used. The other areas on the course are more challenging (9, 10, 11, 12, and 13). A temporary haul road that was decommissioned was used during construction. Other options, such as chipping on-site downed wood or other vegetative material, the installation of fabric, pervious cement, or graveled areas, are possible but pose negative tradeoffs.
- The imported wood chips were a commercially available product. The Urban Forester suggested that clean chips from an oak tree may provide a better mix of wood, leaves, and twigs which may better “lock” in the mulch.
- Trails not related to disc golf travel across the site, we plan to address route options on these with the forthcoming Trails Plan for the park. *

B. Alterations to the Next Monitoring Plan or Report

The following should be added to the next management plan:

- Use an abbreviated list of mitigations, including only those items that are in progress or completed items that need on-going compliance monitoring. Items that have been completed or are not applicable, for example mitigations related to the construction phase no longer apply and have been amply documented. However, some items will remain as they provide overall guidance for the site.
- Document photo point locations and Priority 1 and reference tree locations.
- Reference trees were added to the data collection to provide a comparison between trees within disc golf fairways and in the same general area (on the course) but likely minimally impacted by disc golf play.
- Multi-stemmed trees will be given a letter designation and DBH recorded and treated as an individual tree. The other variables measured for that tree will be the same, introducing some potential “double counting” in average estimates. Given that the numbers are small (and no reason to think that reference trees

- PRELIMINARY DRAFT -

and Priority 1 trees are different, we do not expect significant issues, but the data analysis should proceed with this in mind.

- Consider documenting observations on effects of “pruning” back of branches on tree structure.
- In addition to the “damaged cambium” or “number of damaged quads” count the number of impacts.
- Add protocol to collect area data on the size of the wildflower fields.
- Complete area comparison between data collected in 2005 and current data (Table 3).

V. SUMMARY

This represents the first monitoring report for the Peregrine Point Disc Golf Course. As part of the adaptive management approach, we will update the Monitoring Report based on recommendations in this report and complete course improvements.

VI. REFERENCES

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Appendix A –Revised (As Of 4/11/12) Summary Of Mitigation And Monitoring Measures For The Bidwell Park Peregrine Point Disc Golf/Trailhead Area.

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- PRELIMINARY DRAFT-

Appendix B – ORAI Annual Report

DRAFT

- PRELIMINARY DRAFT-

Appendix C – Peregrine Point Photos

DRAFT

- PRELIMINARY DRAFT-

Appendix D – [NSR]. North State Resources. 2011. Peregrine Point Disc Golf Course Botanical Monitoring. NSR No. 51325. Chico, CA.

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Appendix E – Foothill Associates. 2012. Upper Bidwell Park Peregrine Point Disc Golf Course Baseline (Year 1) Oak Tree Monitoring and Assessment Report. March 15, 2012. Chico, CA.

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Appendix F – Statistical Analysis

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 Retrieving worksheet from
 file:
 'H:\Park\Programs\Monitoring\Peregrine_Disc_Golf_Course\Data\PPDG_2012_Combined_Tree_Data_13_0610.xls'
 Worksheet was saved on Wed Jul 17 2013

NOTE: Results are separated out for Priority 1 trees ("y" for yes to the question "on the course" or "1") and Reference Trees ("n" for no or "0").

Results for: 2012_Priority_Reference_Trees

Descriptive Statistics: DBH_(inches), Tree_Ht_(ft), Crown_Width_, ...

Variable	In_course(y/n)	N	N*	Mean	SE Mean	StDev	Minimum
DBH_(inches)	N	52	0	9.962	0.695	5.014	0.000000000
	Y	39	0	10.872	0.929	5.805	5.000
Tree_Ht_(ft)	N	52	0	19.981	0.876	6.320	6.000
	Y	39	0	20.49	1.04	6.49	10.00
Crown_Width_(ft)	N	52	0	21.35	1.69	12.22	6.00
	Y	39	0	17.67	1.51	9.40	0.000000000
Trunk_quad_impts	N	52	0	0.423	0.100	0.723	0.000000000
	Y	39	0	2.436	0.159	0.995	1.000
Damaged_bark_ptc	N	52	0	0.404	0.187	1.347	0.000000000
	Y	39	0	0.615	0.108	0.673	0.000000000
Broken_branches_	N	52	0	3.327	0.483	3.479	0.000000000
	Y	39	0	4.846	0.420	2.621	0.000000000
Dead_canopy_(%)	N	52	0	17.81	1.54	11.11	13.00
	Y	39	0	18.77	2.82	17.64	13.00

Variable	In_course(y/n)	Q1	Median	Q3
DBH_(inches)	N	7.000	9.000	12.000
	Y	7.000	9.000	12.000
Tree_Ht_(ft)	N	15.000	18.000	25.000
	Y	16.000	20.000	24.000
Crown_Width_(ft)	N	14.000	19.000	24.000
	Y	10.000	17.000	24.000
Trunk_quad_impts	N	0.000000000	0.000000000	1.000
	Y	2.000	2.000	3.000
Damaged_bark_ptc	N	0.000000000	0.000000000	0.000000000
	Y	0.000000000	1.000	1.000

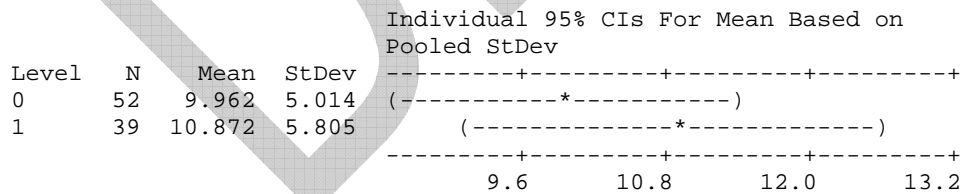
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Broken_branches_	N	0.00000000	2.000	5.000
	Y	2.000	5.000	8.000
Dead_canopy_(%)	N	13.00	13.00	13.00
	Y	13.00	13.00	13.00
Variable	In_course(y/n)	Maximum		
DBH_(inches)	N	24.000		
	Y	30.000		
Tree_Ht_(ft)	N	32.000		
	Y	32.00		
Crown_Width_(ft)	N	55.00		
	Y	40.00		
Trunk_quad_impts	N	3.000		
	Y	4.000		
Damaged_bark_ptc	N	6.000		
	Y	2.000		
Broken_branches_	N	11.000		
	Y	9.000		
Dead_canopy_(%)	N	63.00		
	Y	88.00		

One-way ANOVA: DBH_(inches) versus Ind_Course

Source	DF	SS	MS	F	P
Ind_Course	1	18.5	18.5	0.64	0.425
Error	89	2562.3	28.8		
Total	90	2580.7			

S = 5.366 R-Sq = 0.72% R-Sq(adj) = 0.00%



Pooled StDev = 5.366

One-way ANOVA: Tree_Ht_(ft) versus Ind_Course

Source	DF	SS	MS	F	P
Ind_Course	1	5.7	5.7	0.14	0.709
Error	89	3636.7	40.9		
Total	90	3642.4			

S = 6.392 R-Sq = 0.16% R-Sq(adj) = 0.00%

- PRELIMINARY DRAFT-

Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev
0	52	19.981	6.320
1	39	20.487	6.488

19.2 20.4 21.6 22.8

Pooled StDev = 6.392

One-way ANOVA: Crown_Width_(ft) versus Ind_Course

Source	DF	SS	MS	F	P
Ind_Course	1	302	302	2.45	0.121
Error	89	10976	123		
Total	90	11278			

S = 11.11 R-Sq = 2.68% R-Sq(adj) = 1.58%

Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev
0	52	21.35	12.22
1	39	17.67	9.40

15.0 18.0 21.0 24.0

Pooled StDev = 11.11

One-way ANOVA: Trunk_quad_impmts_(No) versus Ind_Course

Source	DF	SS	MS	F	P
Ind_Course	1	90.289	90.289	125.01	0.000
Error	89	64.282	0.722		
Total	90	154.571			

S = 0.8499 R-Sq = 58.41% R-Sq(adj) = 57.95%

Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev
0	52	0.4231	0.7234
1	39	2.4359	0.9946

0.70 1.40 2.10 2.80

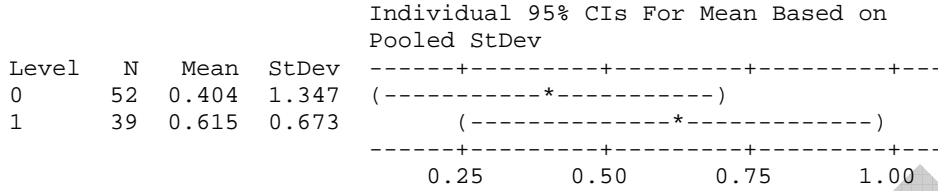
Pooled StDev = 0.8499

One-way ANOVA: Damaged_bark_ptchs_(0->10) versus Ind_Course

Source	DF	SS	MS	F	P
Ind_Course	1	1.00	1.00	0.81	0.371
Error	89	109.75	1.23		
Total	90	110.75			

- PRELIMINARY DRAFT -

S = 1.110 R-Sq = 0.90% R-Sq(adj) = 0.00%

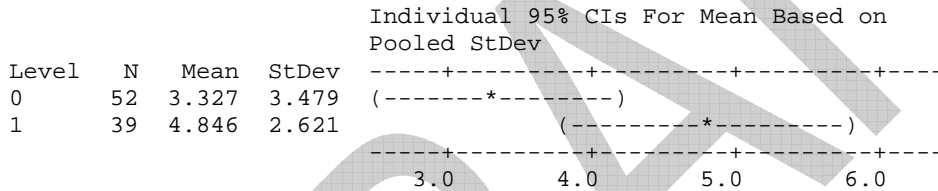


Pooled StDev = 1.110

One-way ANOVA: Broken_branches_(0->10) versus Ind_Course

Source	DF	SS	MS	F	P
Ind_Course	1	51.44	51.44	5.21	0.025
Error	89	878.52	9.87		
Total	90	929.96			

S = 3.142 R-Sq = 5.53% R-Sq(adj) = 4.47%

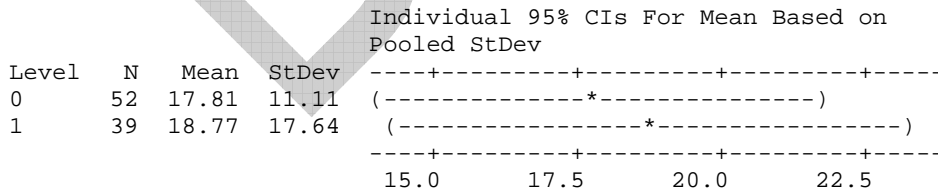


Pooled StDev = 3.142

One-way ANOVA: Dead_canopy_(%) versus Ind_Course

Source	DF	SS	MS	F	P
Ind_Course	1	21	21	0.10	0.751
Error	89	18125	204		
Total	90	18146			

S = 14.27 R-Sq = 0.11% R-Sq(adj) = 0.00%



Pooled StDev = 14.27

7/18/2013 8:09:38 AM

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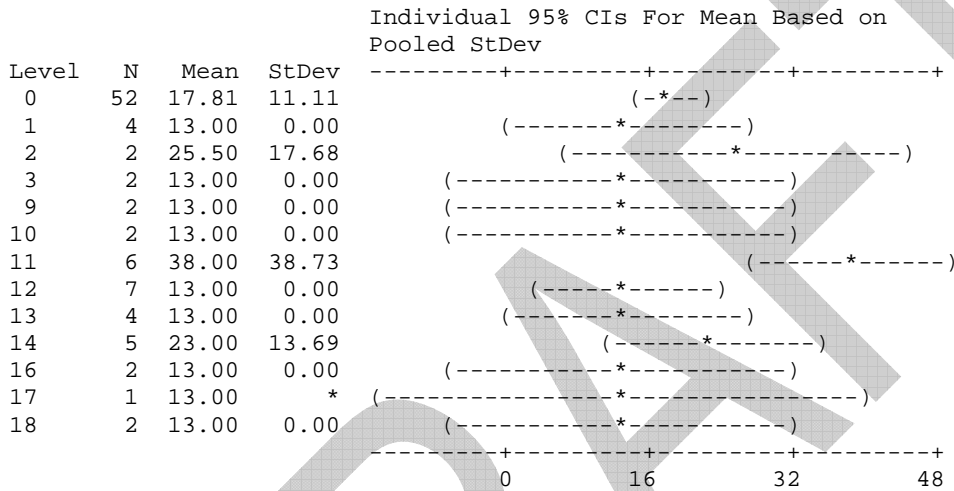
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Results for: 2012_Priority_Reference_Trees

One-way ANOVA: Dead_canopy_(%) versus Hole

Source	DF	SS	MS	F	P
Hole	12	3285	274	1.44	0.167
Error	78	14861	191		
Total	90	18146			

S = 13.80 R-Sq = 18.10% R-Sq(adj) = 5.50%

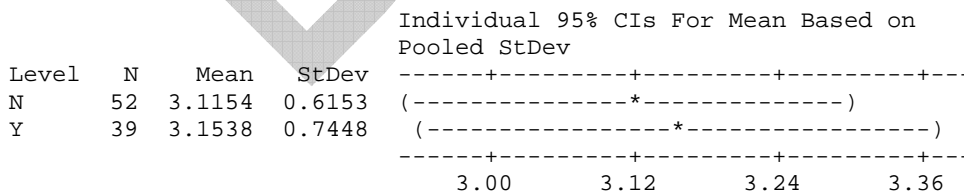


Pooled StDev = 13.80

One-way ANOVA: Condition_no versus In_course(y/n)

Source	DF	SS	MS	F	P
In_course(y/n)	1	0.033	0.033	0.07	0.788
Error	89	40.385	0.454		
Total	90	40.418			

S = 0.6736 R-Sq = 0.08% R-Sq(adj) = 0.00%



Pooled StDev = 0.6736

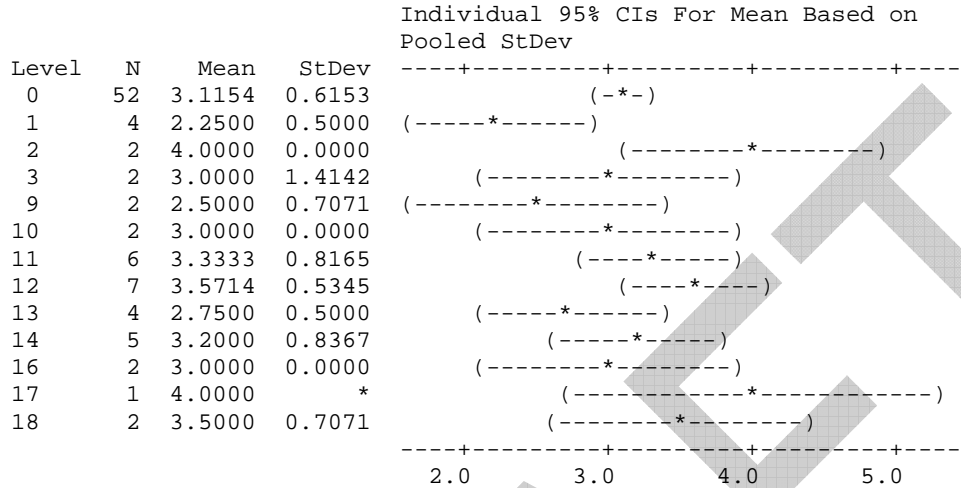
One-way ANOVA: Condition_no versus Hole

Source	DF	SS	MS	F	P
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- PRELIMINARY DRAFT-

Hole 12 8.762 0.730 1.80 0.063
 Error 78 31.655 0.406
 Total 90 40.418

S = 0.6371 R-Sq = 21.68% R-Sq(adj) = 9.63%



Pooled StDev = 0.6371

Results for: Worksheet 5

Paired T-Test and CI: 2011_DBH_(inches), DBH_(inches)

Paired T for 2011_DBH_(inches) - DBH_(inches)

	N	Mean	StDev	SE Mean
2011_DBH_(inches)	90	10.2000	4.8903	0.5155
DBH_(inches)	90	10.1333	4.9610	0.5229
Difference	90	0.066667	1.234340	0.130111

95% CI for mean difference: (-0.191861, 0.325194)
 T-Test of mean difference = 0 (vs not = 0): T-Value = 0.51 P-Value = 0.610

Paired T-Test and CI: 2011_Crown_Width_(ft), 2012_Crown_Width_(ft)

Paired T for 2011_Crown_Width_(ft) - 2012_Crown_Width_(ft)

	N	Mean	StDev	SE Mean
2011_Crown_Width	90	20.3667	10.4875	1.1055
2012_Crown_Width	90	19.6556	11.2041	1.1810
Difference	90	0.711111	2.896121	0.305278

95% CI for mean difference: (0.104530, 1.317692)
 T-Test of mean difference = 0 (vs not = 0): T-Value = 2.33 P-Value = 0.022

Paired T-Test and CI: 2011_Trunk_quad_impts_(No), 2012_Trunk_quad_impts_(No)

- PRELIMINARY DRAFT-

Paired T for 2011_Trunk_quad_impts_(No) - 2012_Trunk_quad_impts_(No)

	N	Mean	StDev	SE Mean
2011_Trunk_quad	90	0.87778	0.96951	0.10220
2012_Trunk_quad	90	1.28889	1.31751	0.13888
Difference	90	-0.411111	0.805800	0.084939

95% CI for mean difference: (-0.579883, -0.242340)
T-Test of mean difference = 0 (vs not = 0): T-Value = -4.84 P-Value = 0.000

Paired T-Test and CI: 2011_Damaged_bar, 2012_Damaged_bar

Paired T for 2011_Damaged_bark_ptchs_(0->10) - 2012_Damaged_bark_ptchs_(0->10)

	N	Mean	StDev	SE Mean
2011_Damaged_bar	90	0.311111	0.592925	0.062500
2012_Damaged_bar	90	0.500000	1.114259	0.117453
Difference	90	-0.188889	1.037439	0.109356

95% CI for mean difference: (-0.406176, 0.028399)
T-Test of mean difference = 0 (vs not = 0): T-Value = -1.73 P-Value = 0.088

Paired T-Test and CI: 2011_Broken_bran, 2012_Broken_bran

Paired T for 2011_Broken_branches_(0->10) - 2012_Broken_branches_(0->10)

	N	Mean	StDev	SE Mean
2011_Broken_bran	90	2.60000	2.48953	0.26242
2012_Broken_bran	90	4.00000	3.22560	0.34001
Difference	90	-1.40000	2.53869	0.26760

95% CI for mean difference: (-1.93172, -0.86828)
T-Test of mean difference = 0 (vs not = 0): T-Value = -5.23 P-Value = 0.000

Paired T-Test and CI: 2011_Dead_canopy_corrected_(%), 2012_Dead_canopy_(%)

Paired T for 2011_Dead_canopy_corrected_(%) - 2012_Dead_canopy_(%)

	N	Mean	StDev	SE Mean
2011_Dead_canopy	90	16.4556	10.2947	1.0852
2012_Dead_canopy	90	18.2778	14.2679	1.5040
Difference	90	-1.82222	8.09574	0.85337

95% CI for mean difference: (-3.51784, -0.12660)
T-Test of mean difference = 0 (vs not = 0): T-Value = -2.14 P-Value = 0.035

Paired T-Test and CI: 2011_Cond_no, 2012_Condition_no

Paired T for 2011_Cond_no - 2012_Condition_no

	N	Mean	StDev	SE Mean
2011_Cond_no	91	3.19780	0.58156	0.06096
2012_Condition_n	91	3.13187	0.67014	0.07025

- PRELIMINARY DRAFT-

Difference 91 0.065934 0.388793 0.040757

95% CI for mean difference: (-0.015036, 0.146904)

T-Test of mean difference = 0 (vs not = 0): T-Value = 1.62 P-Value = 0.109

DRAFT



DATE: 7/24/13
 TO: BPPC
 FROM: Daniel Efseaff, Park and Natural Resource Manager
 SUBJECT: Impact to operations to Parks, Street Trees, and Landscapes

Introduction

This report includes some information about the impacts of proposed staffing reductions, so that Commissioners are aware of at least some of the potential impacts. Because of the short time period, we have undoubtedly missed some items, but I wanted to share it so that Commissioners may be able to share ideas on minimizing public impacts. This report is focused on the Parks Division, later reports will deal with the impacts to Street Trees.

2013-2014 Budget Proposal Staffing Overview:

Notices were given to staff yesterday and kick in on July 5, 2013. The cuts are part of a package of over \$4 million in cuts to the general fund. The staffing cuts (summarized in Figure 1):

1. Reduced Parks Maintenance staff from 7 to 4.
2. Reduced Rangers from 2 permanent year round and 2 seasonal (3.5 FTE) to 2 permanent and 1 seasonal (2.75 FTE).
3. Reduced Street Trees crew from 5 to 1 employee (a Field Supervisor).

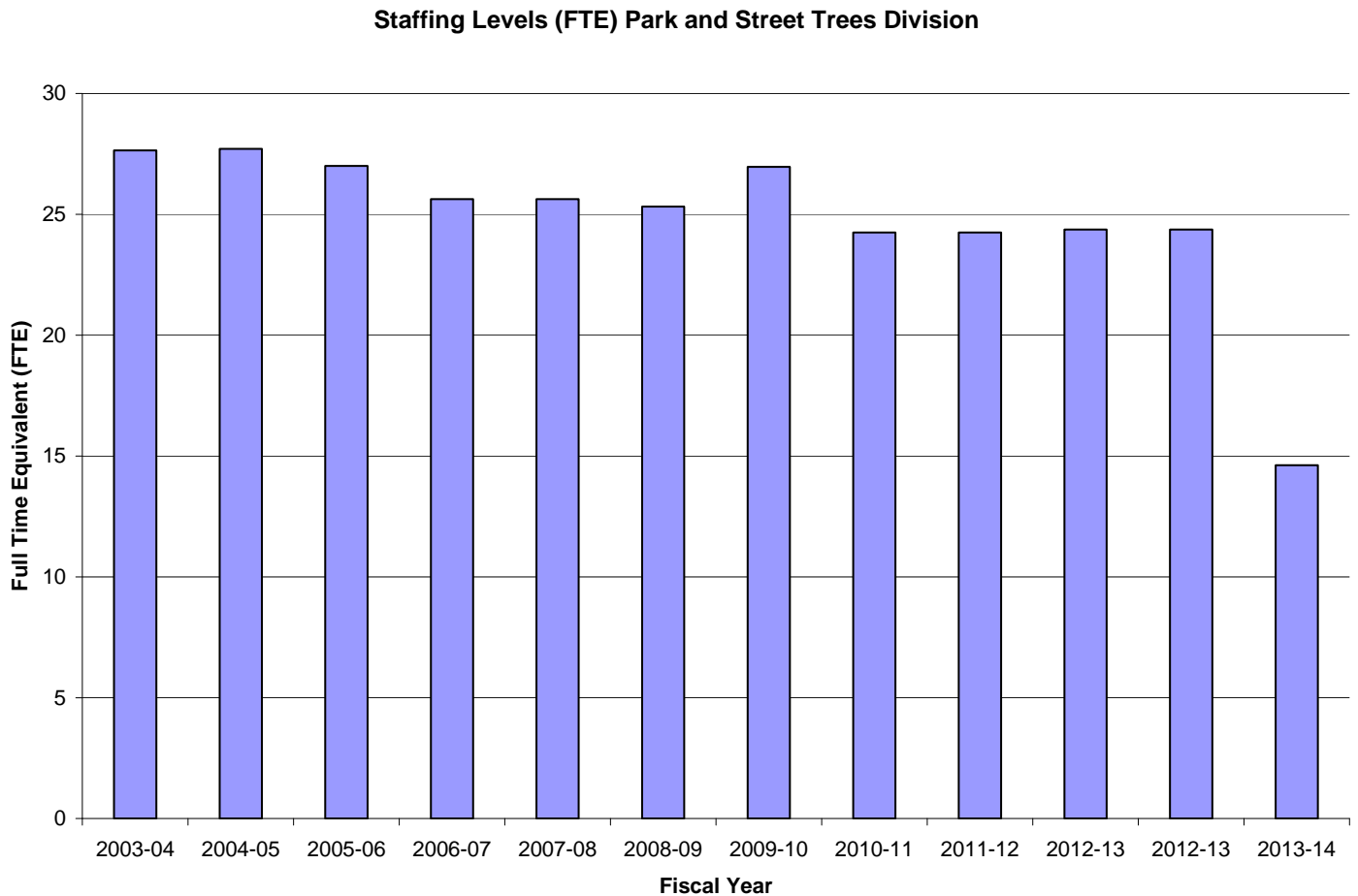
Operating Budget	FY 2007-2008	FY 2010-2011	FY 2011-2012	FY 2012-2013 – Estimated Final	FY 2013-2014 – City Manager Recommended	FY 2013-2014 % of General Fund
Park Division	\$1,799,037	\$1,848,137	\$1,817,833	\$1,805,759	\$1,742,016	4%
Street Trees / Public Planting	\$1,131,143	\$971,276	\$1,019,987	\$1,073,079	\$839,941	2%
Total General Fund Budget	\$49,310,955	\$41,282,457	\$42,995,996	\$43,048,493	\$43,413,923	

Description of Operations

Overall philosophy prior to cuts: for several years Parks staff have divided up Bidwell Park into five areas (Caper Acres, One Mile Recreation Area, Cedar Grove/Peterson Drive, Five Mile/Middle Park, and Upper Park) with a maintenance worker assigned to each area. This provided a pride of ownership mentality and fostered responsibility of particular areas. Two workers (Seniors), would serve as project leads and float between areas within the Park. Work in other City owned areas would be handled on an as-needed basis and several areas have maintenance contracts. During the peak season, Parks would also utilize California Conservation (CCC) Workers as Lower Park Aides and a Trail Intern. During the week, staff would handle infrastructure projects and repairs, call outs, vandalism and graffiti repairs, landscaping and vegetation management, trail maintenance, and road maintenance and repair; while on weekends, we would have minimal staff to focus on basic housekeeping and safety. Street Tree workers would conduct pruning, hazard and emergency tree removal, and removal of brush from the right of way and City properties (including Bidwell Park).

Last year, we shifted Park Ranger staffing to focus on peak times (overlap of rangers for coordination and safety/backup). During the peak season, 4 rangers were spread out during the week, with peak staffing on Friday, Saturday, and Sunday and between the hours of 11 am and 7 pm. Rangers may be on during other hours, especially during closings, when maintenance staff may be off and Rangers would clear and close gates, but we focused on the peak concept. During the winter, we would have 3 Rangers on (and would often have a day without Ranger coverage every 2 weeks).

Figure 1.



Approach to workload after cuts: Focus on peak and essential services. Park maintenance staff is no longer assigned to an area and we perform triage on the assignments and service requests on a daily basis with the remaining staff often working on a functions and not area basis. Right now staff struggles with having enough time to address call out issues in the Park (repairs, glass on the pool deck, etc.). The proposed work schedule priorities are as follows;

1. Monday to Thursday -
 - a. One Senior maintenance worker, one Maintenance worker and a Supervisor.
 - b. All days: Work to accomplish is housekeeping and safety front to back, open South One Mile restroom and gates. Check areas for damage or failures repair if time permits. Recheck South One Mile restroom before end of shift.
 - i. Monday – thorough cleaning of restrooms and more involved repairs and landscape work at Caper Acres.
 - ii. Tuesday – start mowing program.
 - iii. Wednesday – continue with mowing, and prepare equipment for pool cleaning.
 - iv. Thursday – clean and complete minor repairs to Sycamore pool, and clean, maintain and put away pool cleaning equipment.
2. Friday –
 - a. One Senior maintenance worker, one Maintenance worker and a Supervisor.
 - b. Open all restrooms, safety inspections of all areas and open all gates.
3. Saturday and Sunday-
 - a. One Maintenance worker.
 - b. Safety and Housekeeping Front to back, open all restrooms and areas, Disc Golf trash (Saturday) and Upper Park trash (Sunday).

Please not that this is a proposed schedule and will be adjusted as we progress through the upcoming weeks.

With the cessation of the Tree Crew (and gap without the Urban Forest Manager), the field supervisor is conducting assessment of trees. The City has a removal contractor that has been in place for some time. A contract on emergency tree work has been closed and should be under contract in the next few weeks. Finally, we will develop a pruning contract to aide with the formative pruning and brush pile removal in the City.

Impacts to Operations

Basic Consequences:

- Reduced days and opening hours of facilities (we will likely remain closed Monday – Thursday).
- Inability to respond to basic tree and even emergency service calls.
- No reservations on “closed” days.

While these are not easily quantifiable at this point, I wanted to list out some consequences of the proposed budget cuts. While not quantifiable now, these will reveal themselves shortly after the reductions are in place.

The Parks and Street Divisions have detailed breakdowns of the functions and responsibilities (see Figures 2-4). While we know the kind, and approximately amount of work that is completed over the course of year, but its not necessarily predictable on a daily basis. We expect and provide for eventualities such as ushering out homeless campers, graffiti removal, vandalism repairs, broken irrigation systems, playground equipment repairs, and time cleaning up after campers and hangers-on.

To explore the impacts to parks, we created a couple of models (proportionate and priority). The priority model recognizes that some tasks are fixed while other may be proportionate. I will explain these models and provide a “theoretical model” that will attempt to “solve” the gap between the priority model and the actual staff available. We did not create a model for trees.

Consequences

While not all of these may be realized, these are some of the potential impacts of the cuts. Some of these may be difficult to quantify, such as the daily presence of Rangers and Parks staff deters graffiti, vandalism, and criminal activity. However, such deep cuts may have very profound impacts on the programs. For example, lifeguards will report gang activity to rangers who can respond and help disperse or call in for Police support. Crew response to broken glass, litter, tagging, and daily housekeeping; keep the park safe and sanitary.

- Breaching of roads and gates as visitors try to access the park.
- Increased litter, graffiti, and vandalism, and decreased perception of safety.
- As we are required to inspect daily playground equipment, we close or remove facilities that we cannot inspect (for example, the swings at One Mile will have to be removed).
- Increased health risks from fecal matter.
- Other duties may deter staff from collecting weekly turbidity samples, which will be in violation of our water quality permit to operate the One Mile Dam.
- Increased homeless camps and conflicts in Lost Park, Annie’s Glen, and Lower Park.
- No clean-up of homeless encampments in greenways and parks will lead to an increase in criminal activity and health hazards. Parks crew aided the effort but the rangers participate in 15+ assessments a year.
- Likely increased public perception of danger in Parks and greenways.
- Limited coverage and overlap from Rangers or incursion of overtime costs associated with full coverage. For example, when the seasonal ranger goes off season, there will be 4 days a week in which rangers will not have back up and 1.5 hours a on 3 days in which rangers may be able to coordinate or provide back-up.
- Increased calls for fire and police. Without the presence of staff for a significant part of the week, we strongly recommend that the Police Department increase the presence in the park thru either officer or VIPs patrol.
- Increased response time to search and rescue operations, as personnel often rely on rangers to locate individuals and access points for operations and staging.
- The limited ability to respond to maintenance may result in increased claims against the City and accidents.
- Parks staff have made great strides in using Crime Reduction Through Environmental Design (CRTED) principals to thin vegetation and increase sightlines in key areas of the Park (especially in areas of homeless encampment activity, trail and road intersections, and in the One Mile Recreation Area). The result has been less encampments, graffiti on some of our buildings (i.e. the One Mile Dam building), and public comments of increased safety and fewer potential collisions. Over time, we can expect increased.

- In recent years, the Parks Division has devoted efforts on the decades long backlog of work in the park that has been ignored. The Park and greenways have a daunting list of urgent invasive plant, erosion, and basic green infrastructure needs.
- Increased erosion due to decreased patrol presence and limited resources to complete trail projects.
- Inability to respond to fuels build up, invasive plants, etc.
- Potential hazards as patrons park outside of the park potentially blocking the roadway and causing more exposure to pedestrians walking to the park.
- No reservations taken for Monday – Thursday, pose an inconvenience to park users and the City loses out on a small amount of revenue for reservations.
- Increased overtime charges for staff. For example, to staff closings, we will likely need to use maintenance workers on an overtime basis.
- Poor Ranger coverage, gaps, and lack of backup. Full staffing the “reduced” Park hours will not be possible. For example, during the non-peak season will result in gaps in coverage on weekends as we’ll need a ranger for events.
- Ironically, the cuts will hamper the efforts of the volunteer program, because staff prepare, clean-up, oversee, train, and treat areas that volunteers work in. Staff will have a limited ability to support the program. We will not be able to support the Park Watch program at the level in recent years.
- Notify the public of the changes, currently the public calls rangers or the Parks Division directly. We will need to make it clear that we will respond to emergencies (route to dispatch) and possibly urgent safety hazards. We will not likely respond to basic service calls.
- While these may require a performance or health issue that need to be addressed if they occur, the increase demands and work load may increase sick days or injuries, or cause conflicts with staff that have religious beliefs that prevent working on certain days.
- Anticipated increase in service calls and complaints, and reduced opportunities for contact with the public.
- Because of lack of staffing, Code Enforcement is not responding to homeless complaints any longer in the greenways, only private properties. Public Works Staff also have less staff to address encampment service requests.

Figure 2. Actual 2012 Park Maintenance Tasks and Task Hours Models.

FTE cut 0.5

PARK MAINTENANCE HOURS 2012	Actual			Proportional Model			Priority Model			Comment
	2012-13 Total	%	FTE	2013-14 Estimate	%	FTE	2013-14 Estimate	%	FTE	
1. Safety										
Camp Cleanup	89.5	0.8%	0.04	44.75	0.8%	0.02	89.5	1.0%	0.04	fixed
Gates	71	0.6%	0.03	35.5	0.6%	0.02	35.5	0.4%	0.02	proportional
Graffiti Removal	180.5	1.6%	0.09	90.25	1.6%	0.04	180.5	2.0%	0.09	fixed
Housekeeping; bathroom cleaning, grounds safety inspection, trash pick up	2529.5	21.8%	1.22	1264.75	21.8%	0.61	1264.75	13.7%	0.61	proportional
Other	28.5	0.2%	0.01	14.25	0.2%	0.01	14.25	0.2%	0.01	proportional
Park Picnic Sites & Reservation Area Prep	311.5	2.7%	0.15	155.75	2.7%	0.07	311.5	3.4%	0.15	fixed
Playground Equipment Inspection	81.5	0.7%	0.04	40.75	0.7%	0.02	40.75	0.4%	0.02	proportional
Road Sweeping & Path Blowing	512	4.4%	0.25	256	4.4%	0.12	512	5.6%	0.25	fixed
Equipment Maintenance, Yard, & Vehicle Cleanup & Organization	247	2.1%	0.12	123.5	2.1%	0.06	247	2.7%	0.12	fixed
Sub Total	4051	34.9%	1.95	2025.5	34.9%	0.97	2695.75	29.3%	1.30	
2. Infrastructure Maintenance										
Barricade, Bollard, Gate, Fence: repairs, removal, install	245.5	2.1%	0.12	122.75	2.1%	0.06	245.5	2.7%	0.12	fixed
Building Maintenance: plumbing, electrical, structural, paint, pressure wash,	338.5	2.9%	0.16	169.25	2.9%	0.08	338.5	3.7%	0.16	fixed
Irrigation Repair	245	2.1%	0.12	122.5	2.1%	0.06	245	2.7%	0.12	fixed
Manufacturing of Park Fixtures for Replacement	230.5	2.0%	0.11	115.25	2.0%	0.06	230.5	2.5%	0.11	fixed
Other	32	0.3%	0.02	16	0.3%	0.01	16	0.2%	0.01	proportional
Park Fixture Maintenance: installation, repair, paint	1056.5	9.1%	0.51	528.25	9.1%	0.25	1056.5	11.5%	0.51	fixed
Parking Lot Maintenance	154	1.3%	0.07	77	1.3%	0.04	154	1.7%	0.07	fixed
Pool Cleaning & Maintenance	443.5	3.8%	0.21	221.75	3.8%	0.11	443.5	4.8%	0.21	fixed
Projects: research, planning, staging	56	0.5%	0.03	28	0.5%	0.01	28	0.3%	0.01	proportional
Trail Maintenance	707.5	6.1%	0.34	353.75	6.1%	0.17	707.5	7.7%	0.34	fixed
Upper Park Road; add culverts, grade, flows, waddles, parking lots, trash	142.5	1.2%	0.07	71.25	1.2%	0.03	142.5	1.5%	0.07	fixed
Sub Total	3651.5	31.5%	1.76	1825.75	31.5%	0.88	3607.5	39.2%	1.73	
3. Vegetation Maintenance										
Leaf Sweeping	48	0.4%	0.02	24	0.4%	0.01	48	0.5%	0.02	fixed
Other	16.5	0.1%	0.01	8.25	0.1%	0.00	8.25	0.1%	0.00	proportional
Projects: research, planning, staging	47	0.4%	0.02	23.5	0.4%	0.01	23.5	0.3%	0.01	proportional
Tree and Shrubs: pruning, elevations, down limb pick up	524	4.5%	0.25	262	4.5%	0.13	524	5.7%	0.25	fixed
Turf Program:mow,string trim,fertilize,seed,aerate,vertical cut,herbicide application	893.5	7.7%	0.43	446.75	7.7%	0.21	893.5	9.7%	0.43	fixed
Wildland Maintenance	189.5	1.6%	0.09	94.75	1.6%	0.05	189.5	2.1%	0.09	fixed
Wildland Restoration	120.5	1.0%	0.06	60.25	1.0%	0.03	60.25	0.7%	0.03	proportional
Sub Total	1839	15.9%	0.88	919.5	15.9%	0.44	1747	19.0%	0.84	
4. Admin Time/Other										
Departmental Support	111	1.0%	0.05	55.5	1.0%	0.03	111	1.2%	0.05	fixed
Greenways & Satellite Parks: as assigned	0	0.0%	0.00	0	0.0%	0.00	0	0.0%	0.00	proportional
Other	200.5	1.7%	0.10	100.25	1.7%	0.05	100.25	1.1%	0.05	proportional
Time Off Work	1247.5	10.8%	0.60	623.75	10.8%	0.30	623.75	6.8%	0.30	proportional
Training & Safety Meetings	356.5	3.1%	0.17	178.25	3.1%	0.09	178.25	1.9%	0.09	proportional
Volunteer Program Support	140.5	1.2%	0.07	70.25	1.2%	0.03	140.5	1.5%	0.07	fixed
Sub Total	2056	17.7%	0.99	1028	17.7%	0.49	1153.75	12.5%	0.55	
Annual Total	11597.5	100.0%	5.58	5798.75	100.0%	2.79	9204	100.0%	4.43	

FTE	5.58		2.79	3405.25	Gap	4.43	FTE	Hours exceed budget goals
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Figure 3. Street Trees Task Breakdown 2012.

2012														Trend
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	
assistance, DPW	45	0	0	0	0	0	54	139	0	0	0	0	238	
assistance, Police & Fire	0	0	0	0	0	16	0	0	0	0	0	0	16	
brush chipping & clean up	0	0	12	2	6	4	3	4	0	2	15	0	48	
call out clean up	5	0	18	12	0	26	33	5	12	2	0	27	140	
camp clean up	9	9	0	0	0	0	8	8	0	0	0	0	34	
Christmas tree & menorah	36	0	0	0	0	0	0	0	0	0	24	96	156	
clearing, street light	0	0	0	0	0	0	0	0	0	0	0	0	0	
DCBA pruning	0	0	0	0	0	32	56	16	0	0	0	0	104	
down limbs and hangers	53	18	55	9	47	138	63	140	104	103	50	85	865	
Downtown Plaza	56	0	0	0	0	0	0	0	0	0	0	0	56	
elevating, DPW sweeper	0	0	0	0	0	0	0	0	0	0	0	0	0	
elevating, leaf pick up	0	0	0	0	0	0	0	0	0	0	0	0	0	
elevating, routine	134	98	0	0	108	22	0	6	0	0	0	0	368	
equipment maintenance	50	48	66	45	47	46	30	45	42	37	32	24	512	
grates and cages	0	0	8	18	0	0	4	0	0	10	2	0	42	
irrigation	0	15	0	63	142	109	118	146	131	94	0	0	816	
leave, time off	108	53	112	125	103	88	142	119	30	72	84	62	1097	
planting	4	22	8	47	0	0	0	0	0	0	8	0	89	
prep time & DOT inspection	73	85	87	86	88	82	78	73	83	84	54	57	930	
pruning, ADA	0	0	0	0	0	0	0	0	0	0	0	0	0	
pruning, formative	6	281	394	182	0	0	0	0	0	0	56	35	953	
pruning, Park	0	28	0	0	0	0	0	0	0	0	10	6	44	
pruning, Traffic Safety	26	6	4	2	20	28	4	3	2	20	6	0	121	
removals, priority	0	36	40	0	0	0	0	0	0	0	30	0	106	
safety meetings	29	17	7	5	5	9	6	9	5	9	9	4	113	
school zones	0	0	0	0	0	105	178	135	16	0	0	12	446	
service requests	166	70	6	278	286	97	80	44	306	374	181	65	1952	
storm damage clean up	0	0	0	0	0	0	0	0	0	0	0	92	92	
training	0	32	44	16	30	15	0	19	34	16	27	0	232	
trimming, priority	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	800	817	861	889	881	816	856	909	763	823	587	565	9567	

Figure 3. Street Trees Task Breakdown Jan – July 2013.

2013								
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	TOTALS
assistance, DPW	0	0	0	0	0	0	0	0
assistance, Police & Fire	0	0	0	0	0	0	0	0
brush chipping & clean up	0	0	2	8	7	6	0	23
call out clean up	4	0	18	14	38	17	28	119
camp clean up	0	0	0	9	0	0	0	9
Christmas tree & menorah	50	0	0	0	0	0	0	50
clearing, street light	0	0	0	0	0	0	0	0
DCBA pruning	0	0	0	0	0	0	0	0
down limbs and hangers	38	40	25	51	121	91	117	483
Downtown Plaza	74	6	0	0	0	0	0	80
elevating, DPW sweeper	0	0	0	0	0	0	0	0
elevating, leaf pick up	0	0	0	0	0	0	0	0
elevating, routine	26	14	0	14	0	32	0	86
equipment maintenance	42	48	42	21	54	11	0	218
grates and cages	2	0	0	4	3	2	0	11
irrigation	0	24	5	78	124	105	98	434
leave, time off	39	28	47	139	117	342	36	748
planting	0	11	16	0	14	0	0	41
prep time & DOT inspection	72	69	70	64	86	58	23	442
pruning, ADA	0	0	0	0	0	0	0	0
pruning, formative	44	290	314	37	0	0	0	685
pruning, Park	0	0	0	28	0	0	0	28
pruning, Traffic Safety	0	0	1	49	29	6	0	85
removals, priority	44	12	8	0	16	0	0	80
safety meetings	8	10	8	7	11	12	1	57
school zones	78	65	0	0	0	0	0	143
service requests	115	17	48	201	261	119	0	761
storm damage clean up	8	0	0	34	0	0	0	42
training	32	0	54	0	0	0	0	86
trimming, priority	0	0	0	0	0	0	0	0
Total	676	633	658	758	881	800	303	4709



DATE: AUGUST 6, 2013
TO: URBAN FOREST MANAGER
FROM: DAVID BETTENCOURT, FIELD SUPERVISOR- STREET TREES
SUBJECT: STREET TREE MAINTENANCE REPORT FOR JULY, 2013

1. STREET TREE MAINTENANCE

A. PROJECTS COMPLETED:

1. 68-SERVICE REQUEST- a detailed list is attached.
2. DOWN LIMBS AND HANGERS- 125 hours at numerous locations.
3. SAFETY MEETINGS- 1 hour.
4. PREP TIME AND DOT INSPECTIONS- 25 hours.
5. EQUIPMENT MAINTENANCE- 0 hours.
6. IRRIGATION- 112 hours.
7. CALL OUT CLEAN UP- 28 hours.

B. CALL OUTS:

1. There were 11 call outs for the month of July that required follow up clean up.

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
lcameron	07/31/2013	Elvita	342-3642	F9DE875475	634 W SACRAMENTO AVE	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	CALLED BACK WANTS PERMIT Tree in their ROW needs pruning. She was told it would be done this summer when students were gone. It continually drops branches in parking lot and on cars. She has been trying for years to get this taken car of.								
dbettenc	07/31/2013	Jim West		E74F9E69B5	611 W 4th St	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	PRIVATE Deodar cedar has a 12" cracked and hanging limb resting on the phone lines.								
trodriгу	07/30/2013	Lance West Valley Constr	308-9608	28ECB5A8E1	3rd / Orient	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description:	USA emergency locate he has a broken water valve to repair.								
trodriгу	07/29/2013	Damon Ransbarger	592-5428	87F4082D8B	W East Ave / Cussick	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	INSPECTED PRIVATE TREE Westbound on East Ave @ Cussick, in the right hand lane, a tree branch is blocking the sight of the traffic signal.								
lherman	07/29/2013	Brenda Horine	228-5926	8743A9B21D	2880 Sun River Drive x Whitewood	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	CLEANED UP BRUSH PILE DOWNED LIMB - on Whitewood side, approx 8' long, not blocking road or sidewalk. Just needs picked up. RP would also like you to access large heavy limb from same tree hanging over their back yard.								
kmasters	07/29/2013	Marilyn	520-7116	5B0DE76A65	247 LEGACY LN	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	INSPECTED TREE INFESTATION - City tree, box elder, tree 34781. RP states tree is infested with some type of insect/bugs.								
kmasters	07/26/2013	Mark at Cal Water	624-4088	2EAF14A261	101 Delaney	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description:	IRRIGATION LEAK - Delaney and Peninsula Drive - Meter is around the corner from Delaney on Peninsula. Water is leaking near an electrical junction box. Linda Sheppard was phoned regarding this issue at 3:30pm								
dbettenc	07/26/2013			06543DD66B	Paring Lot 5	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	REMOVED HANGER/CLEANED UP On E 1st St in Parking Lot 5 there is a large down liquid ambar limb that needs to be cleaned up. Also a large hanger over the sidewalk in a sycamore tree by Lost Park.								
dbettenc	07/26/2013			05F1172557	1309 Normal Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	INSPECTED PO is concerned that the limb over the street on the sycamore tree in the F:1 position maybe cracking. Please inspect.								
dbettenc	07/26/2013			05744F01C3	12 Hillsboro	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	REMOVED HIGH PRIORITY Remove large CHL in liquid ambar tree in the F:2 position.								
dbettenc	07/26/2013			053265B12D	W 3rd St @ Ivy	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	COMPLETED Remove hangers in large ginkgo tree.								
dbettenc	07/26/2013			04F8FD31D5	W Frances Willard @ Magnolia	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: PRUNED/CLEANED UP Clean up down limb from scarlet oak tree call out. Reduce weight on other heavy libs over the street.									
dbettenc	07/26/2013			0504DD1BFF	W Frances Willard @ Magnolia	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRUNED/CLEANED UP Clean up down limb from scarlet oak tree call out. Reduce weight on other heavy limbs over the street.									
dbettenc	07/26/2013			046F0C1D6B	Arcadian @ Legion	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: REMOVED Clean up large down sycamore limb in street.									
dbettenc	07/26/2013	CPD		04308DD197	1361 E 10th St	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP BY 745 Tree limb down across the street.									
dbettenc	07/26/2013			03FC71F52D	Median between 6th/7th Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: COMPLETED BY 745 Clean up down limbs from liquid ambar trees.									
dbettenc	07/26/2013			0398914B75	148 W 1st Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: COMPLETED by 745 Clean up brush pile from down limbs.									
dbettenc	07/26/2013	PO		0356CBBE61	E 11th St @ Park Ave	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP by 745 CHL on Chinese pistache.									
trodrigu	07/24/2013	CPD Dispatch		801F93CDEF	E 8th St / Kern	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEARED On the corner of E 8th St / Kern a large branch just dropped blocking the e/b lane. Dave has been called.									
hkavanau	07/24/2013	Jarrold Horner	530-895-8188	74FB602299	2385 Ivy Street/Directly in front of address	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRIVATE Dead tree in front of this address. Branch is falling off and the trunk is splitting in two. He thinks the tree might fall on a car.									
trodrigu	07/24/2013	Karen	896-0492	6FB72B3155	1406 LOCUST ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRIVATE Tree branch broke and is across the sidewalk and the park strip on the 14th St side of property. Dave has been called.									
kmasters	07/23/2013	Marsha Osborne	566-2092	CF8949EA4D	x-street Esplanade	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: SPRINKLERS - When on, are shooting water out into the street. If driving down DeGarmo to Esplanade, they are on the right. This information was provided to Linda Sheppard by telephone today.									
jbarndol	07/23/2013	Jim Barndollar	530-879-7321	BB73EE37F3	740 Broadway	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRUNED Citizen reports a woman in a wheel chair crashing into the front of her store and complaining about some Cypress trees that are overgrown and on the sidewalk creating a hazard.									

Chico Service Request Search Results

Operator	Date Entered	Requestor	Requestor Phone	Tracking No	Location	Assigned To UID	Assigned To Name	Division	Status
kwhite	07/23/2013	Randy Beck	radio 720	AA68BFE195	W. 5th and Ash	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	PRIVATE TREE- A tree branch of approximate size- 25' in length and 6-8" in diameter has fallen across the sidewalk.								
trodriгу	07/22/2013	Ben Mormann	591-7268	06629D423D	1504 RIDGEBROOK WAY	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description:	INSPECTION SCHEDULED: Berry vines/bushed on the Teichert Ponds side are pushing his fence over, also there is a large tree that needs cutting back because branches are hanging over his fence.								
jgonzale	07/22/2013	J. Gonzalez	895-4961	DFD5B4ADD7	W 2nd Ave @ Arcadian	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	CLEANED UP Limb down on the N/E corner W. 2nd and Arcadian.								
jgonzale	07/22/2013	J. Gonzalez	895-4961	DF614E5CBB	Citrus @ W.Sacramento	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	CLEANED UP Limb down on Citrus N/W corner at W. Sacramento								
trodriгу	07/22/2013	Renee - CA Water Serv	893-6380	DC372F094B	Manzanita Ave	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description:	CALLED CARD SAME DAY: At the round-a-bout near Hooker Oak Park entrance before the Disc Golf entrance the irrigation was turned off by CWS because it was leaking. Linda S has been called.								
trodriгу	07/22/2013	Warren Haskell	899-0308	D41209EF85	1614 DOWNING AVE	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	REMOVED Broken branch is hanging over the sidewalk, Dave has been called.								
kmasters	07/22/2013	Bob Nilsen	343-7295	C97B53BE7F	246 W 2ND AVE	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	CLEANED UP BRANCH DOWN - Not blocking traffic - just need debris removal. Tree #10585, corner of West 2nd Ave & Arcadian								
kmasters	07/19/2013	Ty	530-513-9716	92EDEC56F5	457 E 6TH ST	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	CLEANED UP TREE LIMB DOWN - Tree is closest to corner of E. 6th and Orient - on the 6th street side. RP pulled out of street, so there is no public safety issue. However, RP states an even larger limb on the same tree is looking bad and RP is afraid if it comes down, it will land square on sidewalk and could be a safety hazard.								
trodriгу	07/17/2013	Madame Ruby	895-9465	18E1112387	1161 MANGROVE AVE	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description:	PRIVATE Dead tree at the old KFC she is concerned that it will fall on her building at 1119 Mangrove.								
kmasters	07/17/2013	Cheryl	894-3541	0A995F69AF	776 E 6TH ST	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	REMOVED LARGE LIMB CRACKED & HANGING - RP lives across the street from 776 E. 6th and heard the large limb crack. It didn't come down but is hanging precariously low. Dave has been called								
trodriгу	07/16/2013	Mark Liker	520-4452	30415E2127	Shasta / Esplanade	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description:	814 CLEANED UP Broken branch partially blocking the sidewalk. Dave has been called.								
trodriгу	07/16/2013	Dan Goodson		0CFBA3A2A7	1931 SPRUCE AVE	kphillip	Phillips, Kyle	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: CLEANED UP Limb down on the e side of the street.. sorry no phone number.									
trodrigu	07/16/2013	Ashley Justin	575 779-0453	0B5A6A2563	1423 RIDGEBROOK WAY	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP BY 745 Tree down, not blocking traffic. You may already know about this tree, there was a message left on the voice mail.									
trodrigu	07/15/2013	Brian Mickelson - Eng		77F47AA4E5	Degarmo Dr	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: Along Degarmo Drive east bound between Bamboo Orchard and the Esplanade, there are approximately 5-7 sprinkler lines that shoot water out into the roadway approximately 12 feet. Possibly missing emitters?									
trodrigu	07/15/2013	Kathy Curd	891-1477	5E168199B5	2083 MULBERRY ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP BY 745 Tree branch approx 10" just broke, it is not blocking the stree or sidewalk.									
kmasters	07/12/2013	Rob	570-2937	16D400D07D	892 LORINDA LN	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP TREE TRIMMING DEBRIS - City was out to trim after a large branch broke. RP is asking when we will be back to clear the debris from the area.									
trodrigu	07/11/2013	Julie Marence	894-8909	3DEB3D203B	512 Pine St	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: INSPECTED RP lives in the house across the street at 511 Pine, she said she saw a truck hit a very large branch and it is cracked as a result. Dave has been called.									
trodrigu	07/10/2013	Al Vial	530-624-5326	9ED2A03071	56 Abbott Circle	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: INSPECTED: IN CMD 582. New street tree inspection for Epic Homes.									
trodrigu	07/10/2013	Randy Schiff	566-0100	9A0DEBB9ED	605 W 6TH ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: REMOVED Broken, hanging tree branch on the Hazel side of property. Dave has been called. Branch will be removed by city crew today and picked up tomorow.									
trodrigu	07/10/2013	Mr Arbuckle - Arbuckle Auto Repair	893-2720	684B4943CD	Park Ave btwn 22nd St - Meyers	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: RESOLVED. Irrigation has been running on Park Ave btwn 22nd St - Meyers since 5:00 PM Tuesday, 7/9/13. RP didn't know the exact address it's in front of. Linda has been called and a VM has been left.									
trodrigu	07/10/2013	Ken Erickson	624-8376	5C25684FE3	1141 Laburnum	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP One of the city trees in front of my house, located at 1141 Laburnum Ave dropped a rather large limb in the gutter. I'm wondering if I might be able to have this picked up. Thanks in advance. Ken Erickson									
lherman	07/09/2013	Mrs. Hotstetter	892-0110	A9F822BBAC	457 Southbury	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: She and her husband were in their backyard and City contractor who was servicing the public landscape behind her house on Eaton Rd blew leaves, debris, dust etc. over the wall. Very inconsiderate. Called out to Linda S.									
lherman	07/09/2013	Mrs. Hotstetter	892-0110	AA008E1B24	457 Southbury	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: She and her husband were in their backyard and City contractor who was servicing the public landscape behind her house on Eaton Rd blew leaves, debris, dust etc. over the wall. Very inconsiderate. Called out to Linda S.									
Iherman	07/09/2013	Mrs. Hotstetter	892-0110	A9EB461131	457 Southbury	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: IMMEDIATE ACTION TAKEN. She and her husband were in their backyard and City contractor who was servicing the public landscape behind her house on Eaton Rd blew leaves, debris, dust etc. over the wall. Very inconsiderate. Called out to Linda S.									
Iherman	07/09/2013	Mike Murphy via CPD	4912	9DE4B9F8BB	W. 2nd Ave/N. Cedar	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: REMOVED City tree split down the middle, hanging over road way. Called out to Dave									
kmasters	07/09/2013	Dawn	345-7985	981C0672C3	261 E 8TH ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP BY 745 LIMB DOWN - Not blocking traffic									
trodriгу	07/08/2013	John Parker	519-6381	05234898BA	575 EAST AVE	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRIVATE Between 575 and 581 East Ave there is a hanging/broken limb. RP states this is the second notice but GIS isn't showing anything. Also, GIS doesn't show a tree at either of these properties. Dave please confirm.									
trodriгу	07/08/2013	CPD Dispatch		032A314B92	2535 FAIR ST	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description: CLEANED UP Tree limb down partially blocking traffic. Dave has been called.									
kmasters	07/08/2013	Kevin Riley	624-5356	EC378773E1	506 IVY ST	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description: CLEANED UP TREE LIMB - Hanging very low in front of Franky's Restaurant, tree is on 5th Street side, tree #5134. Property owner is concerned re: public safety									
trodriгу	07/08/2013	Jeanette Huffman	514-5208	E6A0FFF2FE	660 CROMWELL DR	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: REMOVED 2 branches 8" - 10" dia on the ground partially blocking traffic, 1 huge branch hanging over house. She is requesting this tree be removed because it continually drops large limbs. She would like contact.									
trodriгу	07/08/2013	Mary Rooney	899-8655	DEE0CF37B2	656 CROMWELL	kphillip	Phillips, Kyle	Trees/Public Landscapes	Closed
Description: CLEANED UP PILES 3 branches on the side of the road, also around the corner on Grafton Park there is 1 pile.									
trodriгу	07/08/2013	Lawrence Whan	342-0453	DC996DCF20	886 LYNN LN	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRIVATE Hanging branch 3' dia									
trodriгу	07/08/2013	Linda Sheppard		DC6182B314	Bruce / 20th St	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: RESOLVED There is a tree reported fallen in the median on Bruce Road, north of 20th Street. It is not blocking traffic lanes according to the caller.									
aholinsw	07/08/2013	Amber Holinsworth	x7906	DC0118D184	Bruce Road, Between Remington Dr & 20th Street	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: ? DUPLICATE SR. Entire tree down in center median									
aholinsw	07/08/2013	Amber Holinsworth	x7906	DBE7B2EF8B	Bruce Road, Between Remington Dr & 20th Street	lsheppar	Sheppard, Linda	Trees/Public Landscapes	Closed
Description: Entire tree down in center median									
kmasters	07/08/2013	Toni	898-8240	D25DB3CD22	352 PANAMA AVE	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP LIMB DOWN - Tree #26859 - Corner of Panama and Franciscan Way. On sidewalk, blocking walkway and driveway. Dave B advised by phone.									
trodriгу	07/05/2013	Laura McDermitt	521-7898	79D9599098	1148 WENDY WAY	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: PRIVATE Tree branch behind her prop in Lindo Channel down and caused prop damage.									
trodriгу	07/05/2013	CPD		79A1BAC06C	280 COHASSET RD	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP BY 745 Large limb down, now pulled to the side. Dave has been called.									
lherman	07/05/2013	U.S. Post Office	894-3710	72367A7D80	Broadway and 5th Street	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP BY 745 Tree limb down on the Broadway side of Post Office, blocking sidewalk. Dave was called.									
trodriгу	07/05/2013	Bob Murphy	345-3675	6BCF8595E8	453 E 1ST AVE	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: REMOVED In the alley behind this property is a hanging tree branch. PO says the only thing keeping it up is his roof. Dave has been called.									
trodriгу	07/03/2013	Rosa	345-7133	18528EEB01	2778 KEITH HOPKINS PL	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: CLEANED UP BY 745 Tree tree on the Eaton side has a skinny but long branch down.									
trodriгу	07/03/2013	Steve	342-1382	177ACF7C9E	936 OLIVE ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: REMOVED Tree branch down, Dave has been called.									
trodriгу	07/03/2013	Bill	895-8951	F710ED2EA4	920 OLIVE ST	dbettenc	Bettencourt, Dave	Trees/Public Landscapes	Closed
Description: REMOVED Tree branch down on the side of the street, approx 5" dia									
trodriгу	07/01/2013	Jeanne Thatcher	342-9249	7697CDD734	300 LEGION AVE	dbettenc		Trees/Public Landscapes	Closed
Description: REMOVED 5" LIMB OVER SIDEWALK Broken, hanging branch. Dave has been called.									
trodriгу	07/01/2013	Paul Jackson	895-1974	461DDD892C	Godman / Morgan Dr	jboston	Boston, James	Trees/Public Landscapes	Closed
Description: REMOVED Tree branch partially blocking the street, however, the tree is private. Dave has been called to move the branch out of the ROW.									

Debbie Presson - Alcohol Permit Request for the Bidwell Park Golf Course

From: "Randall Stone" <Randall@ElectStone.com>
To: "Debbie Presson" <dpresson@ci.chico.ca.us>, "Brinkley Dani" <DBrinkle@ci.chico.ca.us>
Date: 7/19/2013 11:01 AM
Subject: Alcohol Permit Request for the Bidwell Park Golf Course
CC: "Brian Nakamura" <bnakamura@ci.chico.ca.us>

Debbie:

I have received a request from persons associated with the management and lease of the Bidwell Park Golf Course requesting that an application be developed and submitted to serve alcohol as part of the services at the Bidwell Park Golf Course. I would like to formally request that Council request the Bidwell Park and Playground Commission to review this potential and determine findings for the Council on this issue. Would you please agendize this request so that the full council may determine next steps and submit a request for review by the BPPC for the August 6th Council Meeting. I believe it is important to engage in this discussion on the August 6th meeting date due to the fact that we are addressing the larger alcohol debate on the same date.

Please let me know whether or not this will be possible for the August meeting date as soon as possible.

Sincerely,

Randall Stone

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: Jerrad Fisher	
Organization: MMX Racing	
Mailing Address: PO Box 4715	
City, State, Zip: Chico CA 95927	Phone #: 530-828-9529

Event Information	
Name of Event: Bidwell LOC	Public <input checked="" type="checkbox"/> Private <input type="checkbox"/>
Date of Event: August 17, 2013	Time of Event: 8:00 AM
Event Location: One Mile/Lower Park	Type of Event: 5k Obstacle

Evaluator's Observations	
Anticipated # of Participants: 300-500	Estimated # of Participants: 200
Anticipated # of Vendors: 10	Total Vendors Present: 6
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: The obstacle course component of this event was a first for Bidwell Park. Set up started promptly at 5 am with the setting of 8 obstacles on the standard 5k course of lower Bidwell Park on South Park and Petersen Drives. Course set-up took approximately 2 hours and all locations of obstacles occurred at predetermined spots designated to minimize safety concerns and access issues for the general public in the park. Volunteers were ample for the event and course and gate monitors were visible by safety vest. A core group of volunteers were in the know about specifics of the events and park rules while others were absent important information. A vendor was mistakenly allowed to pass onto the Class 1 Bikeway behind Caper Acres rather than exit. His speed was excessive and a complaint was received from park patrons. Another volunteer at the chute to the pool was not helpful when asked questions by the public. Lifeguards stepped in to get info from myself and organizers to disseminate to the public. Signage for the event was free standing and professional.

The first of four waves of racers (50 per wave) took off at 8:00 am with remaining racers following on ten minute intervals. No issues were observed with the race format. A non-mobile medic unit was staged at One Mile for the event. Two emergent calls occurred on the course where I ended up transporting the medic in my vehicle. The first event was "seizure like" activity experienced by a non race participant who was attended to by race participants before our arrival. Medics arrived and the victim denied transport. The second medical incident involved a dislocated shoulder at the 10' wall obstacle on Petersen Drive. The injured party said, "I hung on too long" before dropping onto the mat. He further stated that he dislocated his shoulder twice before. Medics transported him to Enloe for

cc: Permit File Senior Ranger General Services Director Applicant

further treatment.

Impacts to the park were minimal if even present at all. Originally gates were slated to be closed until 11 am due to the number of expected participants, however, south side One Mile gates opened at 9:45 only $\frac{3}{4}$ of an hour after normal. No other reservations in the area were impacted and Petersen Drive gates were opened on time at 11:00 am. The event was well organized and the conditions of the permits were followed.

Additional fees due: Please charge according to additional park use fees schedule 80.020

1) Early entry fee

2) Ranger (1) hour pre-event meeting & course walk thru

1.75 hours dedicated to set/up breakdown escort of closed portions of roadways **Total: 2.75 hours**

3) Lifeguard: 1.75 hours overtime for Head, assistant and two guards working in excess of 8 hours for the day

4) Credit 4 vendors (\$22.00)

Recommendations: 1. Mobile medic unit.

2. Increase obstacle set up crew to decrease escort time of ranger.

3. Provide vendor list prior to event.

4. Mandatory volunteer meeting prior to event.

5. Have high degree of difficulty obstacles come in the first portion of the course.

Refund Full Deposit: Yes No

Evaluator: Lisa Barge 806/3590

Date: August 18, 2013

SATURDAY, July 20, 2013



Bidwell Park Birthday Bash

One Mile Recreation Area July 20, 2013



5K Registration available online at www.raceplanner.com or scan



All proceeds benefit Bidwell Park.

For more information call Chico Park Division at 530-896-7800

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Costco



Bidwell Park

Quarterly Newsletter of the City of Chico's Park Division

Monkey Face Gets a "Facelift"

Pulse

Many Park visitors have observed changes on Monkey Face lately. Park crew started working on Monkey Face in the fall of 2012 and have continued through this past Spring to rehabilitate areas and create a new trail. In the months to come, you will witness some ambitious "face lift" techniques to stabilize soil and protect the most sensitive areas of Monkey Face. The goal is to provide an enjoyable, designated, sustainable trail for visitors and to rehabilitate and properly display the proud profile that this park landmark is known for.

Before last fall's heavy rain event, Park staff and California Conservation Corps members installed basic erosion control measures. You will notice the mesh matting that is called jute that was laid last fall and helps to hold seed, plants, and soil in place. Jute is biodegradable and acts as a soil nutrient. The work has been extremely effective in healing some of the scars on Monkey Face even during an extremely dry year.

The Bidwell Park Master Management Plan's (MMP) Trail Plan lists the area as a priority, and describes that "the Monkey Face area suffers from severe erosion, improper trail design, multiple unofficial paths, and wet season use." The MMP recommends that multiple trails be consolidated and should utilize measures to reduce erosion.

The Bidwell Park and Playground Commission's Natural Resources Committee met several times in 2012 to discuss the Mon-



Bidwell Park's "Monkey Face" In the foreground, the installation of jute matting and native grasses to repair scarred eroded trail.

key Face reroute project and to offer the opportunity for public input which has been taking into account for the routing and measures on Monkey Face.

Look for a healing landscape and new trail by Spring 2014.

~Shane Romaine, Park Ranger

Breaking News: Budget Reduces Park and Street Tree Services

Due to staffing reductions associated with budget cuts. Parks Staff will focus on maintaining normal hours on Friday, Saturday, and Sunday; however, several gates and restrooms will be closed during the week. As of July 8, park gates will be closed to vehicles Monday through Thursday, except for 1) the gate to Upper Park at Wildwood Avenue, and 2) the 4th St. entrance on the south side of Lower Bidwell Park. Non-vehicle access will be available. Restrooms (except at S. One Mile) and Capers Acres will also be closed Monday through Thursday. Parks staff are trying to develop solutions to allow for additional access, please stay tuned for more updates.

Inside:



STAFF SPOTLIGHT 2



Park Volunteer Recognition 6



BIDWELL PARK BIRTHDAY BASH 5

The Bidwell Park Pulse

The Bidwell Park Pulse is a quarterly newsletter of the City of Chico's Parks, Open Spaces, Greenways, and Preserves Division. The Parks Division is part of the General Services Department, and is responsible for maintaining and operating City parks, open space, and recreation areas including Bidwell Park, Children's Playground, Depot Park, City Plaza, Lindo Channel, Little Chico Creek Greenway, Teichert Ponds, and other preserves. Parks Division programs include: Maintenance, Ranger, Lifeguard, and Volunteer Programs. Printed on 100% recycled paper.

**City of Chico Mission**

To protect and enhance our community's quality of life for present and future generations.

Bidwell Park and Playground Commission (BPPC)

The BPPC is vested with the supervision, control and management of many public parks and playgrounds within the City. **Commissioners:** Mary Brentwood, Lisa Emmerich (Chair), Mark Herrera, Jim Moravec, Richard Ober, Janine Rood, and Drew Traulsen. **Staff Liaison:** Lise Smith-Peters, Park Services Coordinator.

Contact

Questions, comments, or photo contributions?
Contact us:

Parks Division
General Services Department
965 Fir Street | P.O. Box 3420
Chico, CA 95927-3420

Phone: (530) 896-7800 or (530) 894-4200

Fax: (530) 895-4731

Email: parkinfo@ci.chico.ca.us

Web: www.ci.chico.ca.us

Staff Spotlight:**Head Lifeguard
Lindsey Anderson****How long have you been a Bidwell Park Lifeguard?**

This summer will be my eighth season as a lifeguard in Bidwell Park, and third season as the head lifeguard.

What is a typical day at the pool like?

A typical day at Sycamore Pool begins at 10 am. We workout, practice drills/saves, and beginning guarding the pool at 11 am. Usually there is a rush of swimmers around noon and things get very busy. As head lifeguard, I walk around and provide customer service to patrons, check on my guards, make sure everything runs smoothly and we have no issues in the pool and surrounding area.

Any humorous incidents at the pool?

There have been plenty of memorable moments at the pool throughout the years. We had to clear the pool once because a muskrat was swimming among the patrons. One summer there was a man who would frequently walk his goats on the pool deck on leashes.

Best thing about being a lifeguard in Bidwell Park?

We don't have to work inside since the park is our office! Evenings at the pool are something out of a Bob Ross painting.

What is your favorite thing about Bidwell Park?

I love the difference in terrain that Bidwell Park has to offer. In Lower Bidwell Park you can swim at Sycamore Pool or walk/run the six mile loop. In Upper Bidwell Park you can take a long hike or find a quiet spot to swim in the creek.

What hobbies and interests do you have outside of work?

I love being outdoors in my free time and day trips to nearby attractions. My boyfriend and I did the Feather Falls hike a couple weeks ago and that was a lot of fun. I also love to spend time with my family at our cabin in Lake Almanor, it's my favorite mini vacation spot!

What do you do in the Off-Season?

For the last 8 years, I have worked as a "Instructional Paraprofessional" at Loma Vista Innovative Pre-school with special needs pre-schoolers. We work with them on basic skills to prepare them for entering kindergarten. The kids are a lot of fun to work with and see how they progress.

Park Postcard:

Ranger Eric points out petrified wood revealed after a recent rock slide in Upper Park.

Street Trees:

Downtown Street Trees Replaced

In recent weeks, five large sycamore trees have been removed in the downtown area and replaced with new young maple trees. The large sycamores were overwhelming their planting sites (at the corners of Main Street and 2nd, 3rd and 6th), and creating tripping hazards. In addition, the Yarwood sycamores were prone to dropping branches, thereby causing hazards to downtown visitors and extra maintenance for the city crews. The best alternative was to remove and replace the trees.

Most of the other trees downtown are a variety of red maple (*Acer rubrum*), although they have green foliage. They are expected to mature at about 40'. The sycamores were planted as a "focal point" at the corners of each block. Their height and the colorful white bark distinguished them from the surrounding trees. In order to retain that same sense of a focal point, the Urban Forest Manger decided to replace the sycamores with a 'Crimson Sunset' maple that has distinctly red colored foliage.

The tree is known for resistance to sunburn and intense summer heat. So far, they appear to be doing quite well. The trees will mature at about 35' so as the trees grow, the canopy height should be fairly uniform in the downtown business district.

~Denice Britton, Urban Forest Mgr

Acer truncatum x A. plat. 'JFS-KW202'



Zone: 5
Height: 35'
Spread: 25'
Shape: Upright oval
Foliage: Deep purple
Fall Color: Maroon to reddish bronze

Heat tolerance distinguishes this remarkable new hybrid. Deep purple foliage resembles that of Crimson King, but its form is more upright and compact. Thanks to *Acer truncatum* parentage, it flourishes in summer climates where heat and humidity prevent most purple leaved plants from thriving.

Park Rules:

Smoking Ban in Place for City's Parks and Greenways

The Chico City Council adopted smoking ban in February to cover all city owned and operated parks. The Chico Area Recreation District, (CARD) passed a similar ordinance two years ago. The ban also applies to visitors inside vehicles in the park.

As with other cities, the new law will be enforced mostly by park users themselves. Voluntary compliance is the goal of the ban; however, if someone refuses to stop smoking, patrons are encouraged to inform a Parks Division employee and a Ranger can issue a citation for an observed violation. A sign campaign throughout the park is planned as well as flyers, and Ranger presence in high volume areas to help educate park users about the new law.

Health impacts were a driving force behind the new legislation. Members of the American Lung Association attended several Bidwell Park and Playground Commission meetings and partici-

pated in Policy Advisory Committee meetings.

Research has shown that no level of second-hand smoke exposure is safe. Everyone is affected, especially children, the elderly and those with chronic health conditions. Second hand smoke is known to trigger asthma attacks, increase the risk of blood vessel damage and blood clots. A non-smoker sitting within three feet of a smoker while outdoors suffers the same second-hand exposure as if sitting indoors with a smoker.

By supporting this law, park users improve the beauty of the city's outdoor spaces and ensure a healthier and cleaner experience for all who enjoy our parks, greenways, and open spaces.

~ Lisa Barge, Park Ranger

Homeless Camp Cleanups



Maintenance workers, joined by Rangers removed enough debris to fill 4 dump trucks last April during a homeless camp cleanup. For the first time, the crew used the grapple truck, which effectively lifted up debris to the roadway.



Places:

Teichert Ponds

Park Volunteer of the Decade, Susan Mason led the very successful privet and olive tree removal project at Teichert Ponds, a City greenway, this past fall and early spring.

As part of the CA Native Plant Society, Mt. Lassen Chapter, Susan led over 50 work sessions totaling some 630 volunteer hours over a 5 month period. Their work resulted in the removal of 15,000 privet and about 5,000 olive trees with 25 hours devoted to removing trash. Volunteers also gave \$925 toward six 30-yard roller bins. Park Division staff helped arrange property access, loading tree debris into 2 bins and marketing work sessions.



CA Conservation Corps Crew, Susan Mason, John Meehan and Liz Stewart next to one of 6 vegetation bins filled with privet and olive trees removed during the project.

SATURDAY, July 20, 2013



Bidwell Park Birthday Bash

One Mile Recreation Area July 20, 2013

- 5K Run Dash • Games & Activities at Sycamore Pool •
- Open Houses with Park Partners • En Plein Air Art • Chico
- Velo's Drawing for a Bicycle & Prizes • CARD Movie •

All proceeds support Bidwell Park!

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The Dog House One Mile Concession

CSU, Chico's RECR 323 Class

Chico Art Center

Volunteer:

Volunteers Recognized!



Bidwell Park and greenway volunteers come from all walks of life and represent all ages and skill sets. Some are in school, some teach school, some are retired, while others work. But most important, our volunteers are individuals who give up time from their busy lives to come out and make the Park and the City's greenways better for all of the Chico community.

Whether it is cleaning up trash (left by others); wearing the Green and helping Park visitors; removing invasive weeds (some huge!), trail work, painting benches or planting native plants — our volunteers are one of a kind who simply care about the treasure our City possesses.

Volunteers work in the Park through partnerships with the Park Division, such as with Community Action Volunteers in Education at CSU; Chico High School Horticulture Class; CSU Upward Bound; Fraternities, Sigma Chi and Alpha Sigma Phi, who have adopted sites for restoration; or through community groups like Friends of Bidwell Park, CA Urban Alliance Stream Team, Friends of Comanche Creek and CA Native Plant Society. The newest Park Volunteer Program includes training for Crew Leaders to help guide other volunteers work in the Park. The longest running volunteer program is Park Watch, whose members help with special events and provide information to visitors. In 2012, volunteers logged 19,801 hours of help for Bidwell Park and City Greenways.



Even more, they just get it—that it takes many hands to keep Bidwell Park healthy and sustainable for future generations.

Top: Susan Mason received a "Volunteer of the Decade" award for her long and diverse volunteer efforts on behalf of the Park. Left: Ranger Bob and Susan Donohue volunteered to cook!; Below: Ranger Shane Romain, Park Crew Leaders: Carla Moreno, Mary Brentwood, Elizabeth Daniels, Jo Schreiber, Susan Mason, Tom Barrett, Janet Ellner and Ann Schwab

A BIG THANKS TO OUR MANY DEDICATED VOLUNTEERS!



Feature: Water Pollution Control Plant (WPCP)

Oxidation Ponds Wildlife Sanctuary



As part of the WPCP 12 million gallons per day expansion project, the Oxidation Ponds Wildlife Sanctuary has been made available for public use. The City of Chico incorporated an existing 32-acre Oxidation Pond which is used for emergency storage of treated wastewater effluent and constructed a wildlife sanctuary.

Constructed wildlife sanctuaries offer the potential to create habitat for waterfowl and wildlife populations. The Sanctuary not only serves as valuable habitat, but also provides an opportunity for public wildlife viewing, education, and recreation. A handicap accessible, half mile, crushed granite trail, leads from the sanctuary parking area off Chico River Road, to an Altocal Audubon Society provided bird blind, located at the northwest corner of the oxidation pond. A portable toilet is available.

Some features of the constructed wildlife sanctuary include planted California native vegetation for wildlife habitat/cover, shallow water zones for shorebirds and deeper water zones for migrating birds, bird nesting islands, and tree snags placed in the pond as spots for bird roosting.

Along with many mammals, about 160 species of birds have been identified at the sanctuary. Late fall and winter are the best times to visit the sanctuary but birding is great year-round. In the winter months, look for Mallard Duck, Ruddy Duck, Gadwall,



Canvasback, Shoveler, Green-wing Teal, Bufflehead, along with many other ducks and geese. Also watch for Western Bluebird, Song Sparrow, Marsh Wren and Audubon Warbler. Sora, Virginia



Rail, Snowy Egret, Great Egret, Green Heron and Great Blue Heron are present year round, along with Belted Kingfishers, fishing from the power lines. Owls nest in early February and there is often a Great Horned Owl nest on the south end of the sanctuary. By early May, many of the ducks have left but the spring migrants arrive. Look for Bullocks Oriole,

Black-headed Grosbeak, Blue Grosbeak, Wilson's Warbler, Nashville Warbler, Yellow Warbler. Red-wing Blackbirds nest in the reeds. Yellow-headed Blackbirds are also sometimes nesting here and some years, Great-Tailed Grackle have nested here as well. Late summer brings Lazuli Buntings and, when the water levels are low, Greater Yellowlegs, Western Sandpipers, Least Sandpipers and other shorebirds will show up in abundance to the ponds.

Along with many California Brown Turtles, look for Muskrats, and maybe even a River Otter or a Beaver might be seen.

- Lynda Cameron, City of Chico Staff
(Photos courtesy of Steve King, Altocal Audubon)

To get there: West 5th Street from Highway 32 to 4827 Chico River Road the Parking lot is approximately 500 feet past the main WPCP entrance.

Field Trips: the Altocal Audubon Society hosts fall, winter and spring trips every other month (Please see www.altocal.org for details).

Hours: Oct - Mar 7:00 a.m. to 7:00 p.m., and Apr - Sept , 7:00 a.m. to 9:00 p.m.

Contact: the WPCP at 530-894-4300.



Park Division
General Services Department

965 Fir Street | PO Box 3420
Chico, CA 95927

Annie B's Community Drive Starts August 1st!



*A NVCF matching grant makes your
Bidwell Park gift go even farther!
Fund Drive starts
August 1 and ends on September 30, 2013*



For more information about the Annie B's Community Drive,
contact the Park Division at (530) 896-7831 or the
North Valley Community Foundation, at (530) 891-1150.

Donate online at www.nvcf.org – look for
Bidwell Park, City of Chico