



Public Works Department, Park Division  
965 Fir Street  
Chico, CA 95928  
(530) 896-7800

Agenda Prepared: 5/15/2019  
Agenda Posted: 5/17/2019  
Prior to: 6:00 p.m.

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

Regular Meeting Agenda

May 20, 2019, **6:00 pm**

City Council Chambers - 421 Main Street

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

**1. REGULAR COMMISSION MEETING**

1.1. Call to Order

1.2. Roll Call

1.3. Special Recognition – Klean Kanteen

**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 meeting held on 4/29/19.

**3. ITEMS REMOVED FROM CONSENT – IF ANY**

**4. NOTICED PUBLIC HEARINGS NONE**

**5. REGULAR AGENDA**

**5.1. CONSIDERATION OF TEICHERT PONDS UPDATE AND PEACE PARK PROPOSAL**

At the 2/25/19 BPPC meeting, Dick Cory gave a brief presentation during Business From the Floor about designating Teichert Ponds as a “Peace Park” and making improvements to the pond based on the Teichert Ponds Restoration Habitat Development Plan that was approved in 2008.

**Recommendation:** The BPPC is requested to provide direction to Staff on future Teichert Ponds projects, and consider Mr. Cory's proposal for Teichert Ponds to be recognized and promoted as a City of Chico Peace Park designation.

**5.2. UPDATE ON THE PROPOSED 2019-20 PARK AND STREET TREE DIVISION BUDGETS**

At its 3/25/19 meeting, Staff provided the BPPC draft 2019-20 proposed budgets for the Park and Street Tree Divisions based on the Council adopted 2018-2019 budgets for these Divisions. Staff will update the Commission on the City Manager Recommended 2019-20 budgets that will be considered by the City Council on 5/21/19.

**Recommendation:** None, this is an informational item only.

**5.3. CONSIDERATION OF THE REPORT FROM THE 5/8/19 POLICY ADVISORY COMMITTEE MEETING**

As directed by the BPPC on 4/29/19, the Policy Advisory Committee discussed defining the scope of vegetation management projects or activities that should be considered by the BPPC, and what projects or activities should be considered routine maintenance.

**Recommendation:** The Committee recommended that the BPPC approve the following:

1. Staff to prepare for BPPC consideration an annual work plan outlining vegetation management activities and projects proposed each year.
2. Status updates on the work plan activities and projects to be provided as part of the BPPC Park and Tree Division reports at the monthly BPPC regular meetings.

#### **5.4. CONSIDERATION OF THE REPORT FROM THE 5/15/19 NATURAL RESOURCE COMMITTEE MEETING**

At its 5/15/19 meeting, the Natural Resource Committee (NRC) continued discussion of options to renovate the area near the Nature Center, and discussed the development of an overall Vegetation Management Plan for Bidwell Park and other City parks and greenways.

**Recommendation:** The Committee recommended (3-0) that the BPPC approve the following:

1. Cordoning off the Nature Center area for now to see what grows in the area and to install signs indicating it is a restoration area.
2. Conducting a survey of the area to develop a baseline vegetation site map.
3. Developing a plan to restore the area as a Valley Oak Woodland demonstration site, with planting to occur in the Fall.
4. Consider planting acorns, seedlings, and 15-gallon trees to determine the effectiveness of the different sized trees.
5. Post signs and notify the Nature Center when spraying herbicides in the area.
6. Once the restoration is complete, developing plant identification signs and other educational components using a portion of the in-lieu tree planting funds.

#### **6. 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.

#### **7. REPORTS AND COMMUNICATIONS**

These items are provided for the Commission's information. Although the Commission may discuss the items, no action can be taken at this meeting. Should the Commission determine that action is required, the item or items may be included for action on a subsequent posted agenda.

**7.1. Parks Division Report – Linda Herman, Park and Natural Resources Manager.**

**7.2. Street Tree Division Report – Richie Bamlet, Urban Forest Manager.**

**7.3. Park & Natural Resources Manager Report (*Verbal Report*), if applicable**

#### **8. ADJOURNMENT**

Adjourn to the next regular meeting on 6/24/19 at **6:00 p.m. (please note new meeting time)** in the Council Chamber of the Chico Municipal Center building located at 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  
April 29, 2019 Regular Meeting

**1. REGULAR COMMISSION MEETING CALL TO ORDER**

**1.1 Call to Order**

Called to order by Chair McReynolds at 6:00 p.m.

**1.2 Roll Call**

**Commissioners present:**

Anna Moore  
Garrett Liles  
Scott Grist  
Elaina McReynolds  
Aaron Haar  
Lise Smith Peters  
Jeffrey Glatz

**Staff Present:** Linda Herman (Park and Natural Resource Manager), Erik Gustafson (Public Works Director-Operations & Maintenance), Richie Bamlet (Urban Forest Manager), Angie Irmer (Administrative Assistant)

**1.3** City Clerk, Debbie Presson presents a brief Brown Act orientation

**2. CONSENT AGENDA**

Commissioner Smith Peters requested to remove item 2.1.

**2.1 APPROVAL OF MEETING MINUTES**

**Action:** Approve minutes of BPPC meeting held on 3/25/19.

**2.2 PERMIT FOR HOOKED ON FISHING NOT ON DRUGS EVENT AT HORSESHOE LAKE ON 6/1/19.**

Pete Giampaoli (Applicant) requests a permit to host a free fishing derby (Hooked on Fishing Not on Drugs), for children ages 4-12 years old at Horseshoe Lake in Middle Park. This event will also need the approval to stock Horseshoe Lake with approximately 8,000 pounds of catfish. This event has been held in Bidwell Park for over 30 years.

**Recommendation:** *Conditional approval.*

**2.3 PERMITS TO HOLD TWO EARTHBOUND SKILLS SUMMER CAMPS AT FIVE MILE PICNIC AREA FROM JUNE 10 TO JULY 19, 2019.**

Joni Mitchell from Earthbound Skills (Applicant) would like to host two summer day camps at the Five Mile Picnic Area on several days in June through July 2019. One day camp is for children ages 4 -7, and the other is for ages 7-12. Seven-year-old participants will be able to choose which camp to attend. During these camps, there will be games, activities, nature walks, bird walks, and crafts.

**Recommendation:** Conditional approval.

## **2.4 PERMIT FOR BUTTE COUNTY CORRECTION OFFICERS ASSOCIATION TO HOLD A WALK/RUN IN LOWER PARK ON JUNE 22, 2019**

Eric Willadsen, (Applicant) for Butte County Correction Officer Assoc, requests to hold a Walk/Run at One Mile and Lower Park along with a safety presentation at Sycamore Field on June 22, 2019. Captain Bob's Pancake Wagon will serve pancakes after the race. Sycamore Field will have multiple public safety Vehicles, Search and Rescue vehicles and 2 helicopters on display. CARD will mark sprinklers on Sycamore Field and is aware of the event.

**Recommendation:** Conditional approval.

Commissioner Haar made a motion to approve 2.2, 2.3, and 2.4. Seconded by Commissioner Lise Peters Smith.

Motion approved 7-0 as follows:

**AYES:** Commissioner Moore, Commissioner Liles, Commissioner Grist, Commissioner Haar, Commissioner Smith Peters, Commissioner Glatz, Chair McReynolds

**ABSENT:** None

**NOES:** None

## **3. ITEMS REMOVED FROM CONSENT**

### **2.1 APPROVAL OF MEETING MINUTES**

**Action:** Approve minutes of BPPC meeting held on 3/25/19

Commissioner Lise Peters asked why there isn't more extensive minutes of the meeting. City Clerk Presson responds that per AP&P 10-1 which guides the Commission, the last page, 7 of 7, per Council direction at its meeting of 11/7/00, staff is to provide action only minutes for Board and Commission minutes. There is no legal requirement to record what people say on the agenda from members of the public.

Motion made by Commissioner Haar to approve the minutes of 4/29/19. Seconded by Commissioner Glatz.

Motion approved 7-0 as follows:

**AYES:** Commissioner Moore, Commissioner Liles, Commissioner Grist, Commissioner Haar, Commissioner Smith Peters, Commissioner Glatz, Chair McReynolds

**ABSENT:** None

**NOES:** None

## **4. NOTICED PUBLIC HEARINGS – NONE**



## 5. REGULAR AGENDA

### 5.1 PRESENTATION FROM CITY OF CHICO FIRE CHIEF

Chief Standridge informed the Commission about what conditions affect fire behavior and discussed fire risk in Bidwell Park.

### 5.2 PEREGRINE POINT DISC GOLF UPDATE

The Bidwell Park & Playground Commission (BPPC) will consider the 2018 biological monitoring report, the 2018 annual report from the Outside Recreation Advocacy Inc, (ORAI), and a status update on the mitigation measures for the Peregrine Point Disc Golf Course and Trailhead Area (PPDG).

**Recommendation:** The Park & Natural Resource Manager recommends the Commission:

1. Approve the Park Division funding the 2019 botanical survey to determine fire impacts and to reestablish survey protocols.
2. Accept the 2018 Tree and Rare Plant Monitoring Report and approve the recommendations to conduct the intensive rare plant monitoring every 3-5 years after 2019 and monitor the oak mitigation measures annually.
3. Approve reopening the Peregrine Point Disc Golf Course to the public on May 3, 2019.

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Scott Layton, Phil Brock, Bobby Ortiz, Dave Piper, Don Hansler addressed the Commission

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Commission Haar made a motion to approve. Seconded by Commissioner Moore. Friendly amendment by Commissioner Glatz to publicize the opening as opened when complete. Haar accepts the friendly amendment.

Motion carried as 6-0-1 follows:

AYES: Commissioner Moore, Commissioner Liles, Commissioner Grist, Commissioner Haar, Commissioner Glatz, Chair McReynolds

ABSENT: None

NOES: None

ABSTAIN: Commissioner Smith Peters

### 5.3 STATUS REPORT REGARDING NATURE CENTER PROJECT

The Public Works Director- Operations & Maintenance will present a final report and assessment of the hazardous tree and fire fuels reduction project behind the Nature Center in Lower Bidwell Park.

**Recommendation:** The Public Works Director O&M recommends the Commission:

1. Continue to seek direction from the BPPC Natural Resource Committee for final restoration plans.

2. Acknowledge the Public Works Director's commitment to transfer \$14,561 in mitigation fees from the Park Division budget to the tree planting category of the Tree Division budget; and replant Plant 36 15-gallon replacement trees ensuring survival for 3-years.

Commissioner Moore made a motion to follow recommendation with the revision of planting 39 trees instead of 36 trees. Seconded by Commissioner Glatz.

Motion carried 7-0 as follows.

AYES: Commissioner Moore, Commissioner Liles, Commissioner Grist, Commissioner Haar, Commissioner Smith Peters, Commissioner Glatz, Chair McReynolds

ABSENT: None

NOES: None

#### **5.4 CONSIDERATION OF THE REPORT FROM THE 4/10/19 POLICY ADVISORY COMMITTEE MEETING**

At its 4/10/19 meeting, the Policy Advisory Committee reviewed the Committee's purpose, previous Committee recommendations, and possible agenda items for the upcoming year. The Committee will report on its priority list of recommended future agenda items for the Commission's consideration.

**Recommendation:** - the Policy Advisory Committee unanimously recommended that the BPPC approve and direct the Committee to review the following items listed in order of priority:

1. Developing a written policy regarding BPPC review of vegetation management projects
2. Establishing a Policy Handbook
3. Whether it is feasible to establish an Interpretive Ranger program
4. Reviewing and updating the donation and memorial policy

#### **5.5 CONSIDERATION OF THE REPORT FROM THE 4/11/19 TREE COMMITTEE MEETING**

At its 4/11/19 meeting, the Tree Committee considered revisions to the current approved City of Chico Street Tree List for Streets and Parking lots, and the Street Tree Master plan. The Committee will provide a report on these discussions.

**Recommendation:** None at this time. The Urban Forest Manager requested that these discussions continue to the next Tree Committee meeting

Commissioner Haar made a motion to approve. Seconded by Commissioner Smith Peters.

Motion carried 7-0 as follows:

AYES: Commissioner Moore, Commissioner Liles, Commissioner Grist, Commissioner Haar, Commissioner Smith Peters, Commissioner Glatz, Chair McReynolds

ABSENT: None

NOES: None

**5.6 CONSIDERATION OF THE REPORT FROM THE 4/17/19 NATURAL RESOURCE COMMITTEE MEETING**

At its 4/17/19 meeting, the Natural Resource Committee (NRC) considered options to renovate the area near the Nature Center and discussed the development of an overall Vegetation Management Plan for Bidwell Park and other City parks and greenways. The Committee will provide a report on these discussions.

**Recommendation:** None at this time, the Committee requested that these discussions continue to the next NRC Committee meeting

**6. 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.

There was no Business From the Floor speakers.

**7. REPORTS AND COMMUNICATIONS**

These items are provided for the Commission’s information. Although the Commission may discuss the items, no action can be taken at this meeting. Should the Commission determine that action is required, the item or items may be included for action on a subsequent posted agenda.

- a. Parks Division Report – Linda Herman, Park and Natural Resources Manager.
- b. Street Tree Division Report – Richie Bamlet, Urban Forest Manager.
- c. Park & Natural Resources Manager Report (**Verbal Report**), if applicable

**8. ADJOURNMENT**

Adjourned at 9:39 pm to the next regular meeting on 6/24/19 at **6:00 p.m. (please note new meeting time)** in the Council Chamber of the Chico Municipal Center building located at 421 Main Street, Chico, California.

Date Approved:   /  /  .

Prepared By:

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Angie Irmer, Administrative Assistant

\_\_\_\_\_  
Date

Distribution: BPPC  
5/17/2019



DATE: May 15, 2019  
TO: Bidwell Park and Playground Commission (BPPC)  
FROM: Shane Romain, Park Services Coordinator  
SUBJECT: CONSIDERATION OF TEICHERT PONDS UPDATE AND PEACE PARK PROPOSAL

**REPORT IN BRIEF:**

At the 2/25/19 BPPC meeting, Dick Cory gave a brief presentation during Business From the Floor about designating Teichert Ponds as a “Peace Park” and making improvements to the pond based on the Teichert Ponds Restoration Habitat Development Plan (“Habitat Plan”) that was approved in 2008.

***Recommendation:** The BPPC is requested to provide direction to Staff on future Teichert Ponds projects and consider Mr. Cory’s proposal for Teichert Ponds to be recognized and promoted as a City of Chico Peace Park designation.*

**BACKGROUND:**

Teichert Ponds is an approximately 40-acre parcel bordered on the north by Little Chico Creek, the east by the Heritage Oaks subdivision, the south by the Kohls parking lot, and the west by the Highway 99 bike path. The ponds were formed from the mining of gravel to construct Highway 99 over Bidwell Park in the early 1960s. The cavities left from the excavation filled rapidly from a ruptured aquifer, water from Little Chico Creek, and rain.

The City of Chico (“City”) took ownership of the property in 1999 and uses the ponds for storm water and runoff retention flowing from the neighboring housing developments and the Chico Mall. An abundant variety of flora and fauna have flourished in the unintended wetland offering extraordinary opportunities for wildlife viewing, fishing and other recreational activities.

The City approved the Habitat Plan in 2008. Since then, the aspects of the plan that have been implemented are mostly vegetation management activities outlined in Long-Term Operations and Management Plan (attached as Attachment A) in the Habitat Plan that have been conducted by volunteers.

**DISCUSSION:**

A. Past and Current Efforts at Teichert Ponds:

1. Volunteers have spent thousands of hours over the last decade removing invasive vegetation and debris generated by illegal encampments.
2. An informational Kiosk was installed and a brochure was produced through funding from the Teichert Ponds Restoration Foundation to provide interpretation of the ponds and what flora and fauna can be found there.
3. The cyclone fence and barbed wire have been removed from the shore and around the ponds, making the area more inviting to the public.
4. Due to funding constraints, a “scaled down” concept plan was developed (Attachment B).
5. An all-weather trail design identified in the Habitat Plan has been attempted with little success. Options continue to be researched.

B. Continued Habitat Plan Implementation

1. Invasive vegetation – Work will continue to control invasive plants through various removal techniques, using volunteers as the primary labor force.

2. Planting – areas that are cleared of invasive vegetation will have native plants installed when possible to help restore diversity of vegetation. Plant selection will occur based on the species listed in the Habitat Plan.
3. Parking/ Access – options for additional access to the ponds and parking will be investigated. A potential site for additional parking is a City owned parcel that is blocked by bollards on Golden Birch Circle
4. Benches/tables – Maintenance and illegal camping and vandalism are significant considerations when placing benches and tables in locations at the ponds.
5. Signage/education – additional signs can be designed and installed to highlight points of interest and wildlife at the ponds. Outreach to local schools to include Teichert Ponds as a field trip destination can be considered.
6. Loop trail – staff has looked at the possibility of a seasonal loop trail. The trail will be evaluated further and implemented where feasible. Staff will continue to update the BPPC on the status of this trail.

C. Mr. Kory's Proposal

1. In his proposal (attached at Attachment C) Mr. Kory is requesting implementation of many of the Habitat Plan items listed above.
2. The additional request not addressed in the Plan is the concept of dedicating the Teichert Ponds as a “Peace Park”
3. Principals of the “Peace Park” include providing a staging area for Veteran’s and other organizations to gather, celebrate, and hold memorial ceremonies.

**Attachments:**

- A: Habitat Plan Operations and Management Plan
- B Revised Concept Plan
- C Dick Cory's Peace Park Proposal



## 10.0 LONG-TERM OPERATIONS AND MANAGEMENT PLAN

The goal of the long-term operations and management plan is to ensure that the project site continues to function properly as a water detention facility and continues to improve stormwater quality. By maintaining the natural communities, including the variety of wetlands and other associated riparian communities within the project area, the site will be able to achieve these goals while also providing high quality wildlife habitat.

To realize the long-term goals, the following objectives are presented:

- Maintain proper functioning of the pond system to improve water quality and provide proper stormwater detention,
- Increase the abundance and diversity of native plant and animal species within the wetland and upland habitats,
- Protect the project area from the effects of adjacent land uses that may adversely affect it,
- Repair or restore any adverse conditions within the pond system.

### 10.1 City of Chico Maintenance and Monitoring Responsibilities

The City's maintenance and monitoring responsibilities and duties should include, but not be limited to:

- Monitor wetland function and erosion,
- Evaluate the accumulation of dead vegetative matter and sedimentation and recommend removal, if needed,
- Evaluate the presence of non-native plant species and implement proper control/ eradication methods,
- Assess beaver activity in the ponds and implement remedial action if necessary,
- Ensure that signage and fencing is maintained,
- Coordinate trash removal,
- Assess whether the natural flow of drainage, landscaping, or stormwater runoff from adjacent properties is adversely affecting the ponds,



- Maintain records of management activities to help with adaptive management of the site,
- Conduct biological and general inspections by a qualified biologist every year, and implement remedial actions if necessary,
- Arrange for any corrective action necessary to ensure the performance of the wetland and ponds,
- Coordinate with the Butte County Mosquito and Vector Control District to maximize the efficacy of vector control practices.

### **10.2 General Inspections**

There should be at least one biological and general inspection conducted during the year at the end of summer. The general inspection should address each of the bulleted points in Section 10.1. A brief report should be prepared summarizing the findings and recommending remedial actions, if necessary. City staff conducting monitoring activities should be familiar with California flora and should have knowledge of the various wildlife species of the site and their ecology.

### **10.3 Water Monitoring and Management**

Monitoring of surface water elevations and water control structures should be conducted routinely through out the year to ensure that the ponds are functioning as designed. This is an important long-term management activity that must be carried out. Water levels allowed to remain at either a higher or lower surface elevation in comparison to the designed water elevation can cause severe die off of native plants associated with the ponds.

#### **10.3.1 Trash Rack and Beaver Exclusion Device Maintenance**

Maintenance of trash racks and beaver exclusion devices should be carried out in unison with routine water monitoring and management activities on a periodic basis throughout the year (Table 17). Debris allowed to accumulate on the trash racks and beaver exclusion devices will prohibit the free movement of water through the system, adversely affecting the vegetation and allowing the water to stagnate.

**Table 18. Maintenance Activities for Water Control Structures/Beaver Exclusion Devices**

<b>Structure</b>	<b>Activity</b>	<b>Recommended Schedule</b>
WCS #1	Inspect inlet and outlet and remove debris as needed. Inspect outlet structure for blockage and beaver activity within Little Chico Creek.	One site visit per month.
WCS #2a	Inspect inlet and outlet and remove debris as needed.	One site visit per month.
WCS #2b	Inspect overflow weir and remove debris as needed.	Inspect after large storms.
WCS #3	Inspect inlet and outlet and remove debris as needed.	One site visit per month.
WCS #4	Inspect trash rack and remove debris as needed with backhoe and dump truck.	One site visit per month.
WCS #5	Inspect inlet, beaver exclusion fencing and outlet and remove debris as needed.	One site visit per month.
WCS #6	Inspect trash rack and remove debris as needed with a backhoe and dump truck. Inspect outlet structure for blockage and beaver activity within Little Chico Creek.	One site visit per month.

#### **10.4 Mosquito Monitoring and Control**

Management of mosquito populations within wetlands such as Teichert Ponds is a critical activity that must be coordinated between the City of Chico and the Butte County Mosquito and Vector Control District. This is especially important because of the reported occurrence of West Nile Virus in Chico and because several bird species (e.g., Brewer's black bird, burrowing owl, great blue heron, northern harrier, Swainson's hawk, among others) are known to harbor the West Nile Virus. Incorporation of a mosquito control program for the managed marshes will minimize mosquito problems. The City of Chico should coordinate with the Butte County Mosquito and Vector Control District to develop a mosquito control program that is compatible with the goals of the site (see Section 7.5 for more information).

#### **10.5 Access Road and Trail Maintenance**

Access roads and trails should be maintained every year to ensure year-round access to the ponds by personnel from the City of Chico and by the Butte County Mosquito and Vector Control District. Any encroaching vegetation that may impede the use of the roads, such as herbaceous and shrubby plants, should be cut back with a mower with an articulating arm that can cut back high growing shrubs along the road as well as ground cover. Dead or dying trees or tree limbs that may be a hazard to public safety should also be removed.





## 10.6 Vegetation Management

Vegetation management is a necessary component in any protected open space area, especially managed wetlands that have high primary productivity due to year-round water availability. Land managers have learned over the years that it is not enough to simply set aside natural areas, they must also be managed to maintain biological diversity and ensure that they continue to provide the specific public services they were designed for, such as maintaining water detention capacity and improving water quality. Teichert Ponds has a large number of non-native invasive weed species that must be controlled in order to maintain proper functioning of the wetland system. Even certain native wetland species, such as cattails, must be cleared periodically to keep waterways open.



**Goats can be a very efficient and cost-effective method of vegetation management.**

Vegetation management at Teichert Ponds will involve many different methods of control, such as hand removal, mechanical removal, herbicide application and the use of ungulates to clear vegetation. Due to the rank growth of both native and non-native vegetation at Teichert Ponds, using goats to remove understory vegetation could be an efficient and cost-effective method compared to hand and mechanical removal. Grazing can be used to reduce brush and thatch buildup in both wetland margins and upland areas. Goats have no problem removing large brambles of Himalayan blackberry, poison oak, and many other types of vegetation present at Teichert Ponds and they are easily corralled into small areas by low voltage electric fences. By concentrating the herd into a small area, they will quickly defoliate and area, clearing out the understory and allow follow up application of herbicide to control highly invasive plant species. Vegetation management at Teichert Ponds can be a daunting task, but by using a combination of City personnel and volunteers to control vegetation, along with using ungulates to open up the understory, the site can be properly maintained and enhanced.

### 10.6.1 Non-native Invasive Plant Control

Management and control of non-native plants will be a continual, ongoing activity due to the large amount of non-native plant species present at Teichert Ponds. Invasive plants of greatest concern are outlined in Section 7.1, along with methods of control. Table 18 provides a summary of recommended maintenance activities for invasive plant control. It



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is important to plan regularly scheduled weed management activities that focus on continually reducing weed populations during optimal times of the year, weakening the plants, depleting their reserves, and reducing their seed banks. If management activities are not routinely scheduled many invasive plant species at Teichert Ponds will quickly regain their stature within a short period of time.

A weed management program should be established following an Integrated Pest Management (IPM) approach. IPM is a decision-making and management process that uses knowledge from a broad base of expertise, a combination of treatment methods, and a monitoring and evaluation system to solve pest problems in an environmentally sound and cost-effective manner. IPM programs emphasize pest prevention by using knowledge about biology and behavior of pest species to identify and remove the conditions that support target weed species. A great source of information about the IPM approach can be found at the University of California's IPM webpage (<http://www.ipm.ucdavis.edu>).



Table 19. Maintenance Activities for Non-native Invasive Plant Species







Common Name	Scientific Name	Recommended Schedule
<b>Terrestrial Plants</b>		
Tree-of-heaven	<i>Ailanthus altissima</i>	Cut/girdle tree and apply herbicide to stump in spring before the plant produces seeds.
Giant reed	<i>Arundo donax</i>	Cut culms and treat with herbicide in fall.
Pampass grass	<i>Cortaderia jubata</i>	Remove with a string trimmer and a Pulaski in early summer before plants produce seeds.
English ivy	<i>Hedera helix</i>	This plant can be removed during any time of the year. Follow up treatments should be conducted before it produces seed in the spring.
Japanese privet	<i>Ligustrum japonicum</i>	Cut/girdle tree and apply herbicide to stump in summer before the plant produces seeds.
European olive	<i>Olea europeae</i>	Cut/girdle tree and apply herbicide to stump in summer before the plant produces seeds.
Pyracantha	<i>Pyracantha angustifolia</i>	Cut/girdle shrub and apply herbicide to stump in summer before the plant produces seeds.
Black locust	<i>Robinia pseudoacacia</i>	Cut/girdle tree and apply herbicide to stump in spring before the plant produces seeds.
Himalayan blackberry	<i>Rubus discolor</i>	Remove biomass during late spring before seed production and apply herbicide to resprouts.
Chinese tallow-tree	<i>Sapium sebiferum</i>	Cut/girdle tree and apply herbicide to stump in summer before the plant produces seeds.
Brazilian pepper tree	<i>Schinus terebinthifolius</i>	Cut/girdle tree and apply herbicide to stump in fall before the plant produces seeds.
<b>Aquatic Plants</b>		
Parrot's feather	<i>Myriophyllum aquaticum</i>	Draw down water elevations in late spring/early summer and treat all exposed plant surfaces with an herbicide. Flow to Little Chico Creek should be prohibited for at least two days during treatment.
Brazilian waterweed	<i>Egeria densa</i>	Drawn down water elevations in late spring/early summer to desiccate exposed portions of this plant.




# TEICHERT PONDS NATURE PARK CONCEPT PLAN





## Features

-  Park Entry Sign
-  Bike Rack
-  Information Kiosk
-  Picnic Tables/  
Outdoor Classroom
-  Wildlife Viewing Benches/  
Educational Signage
-  Portable Restroom

 Bicycle/Pedestrian Path

## City of Chico Bike Plan

-  Existing Bicycle Path
-  Bicycle/Pedestrian Bridge



0 50 100 200  
Feet

June 25, 2013





## I HAD A DREAM THAT...

The Teichert Ponds were:

1. Developed as a Peace Park.
2. A place for those seeking tranquility with nature.
3. An environment for biologic study.
4. Designed with marked trails for hiking and exercise.
5. Restored according to the approved plans by Jones and Stokes and Restoration Resources adopted in 2008.
6. Managed by the Parks and Playgrounds Commission with the same commitment given Bidwell Park and other community parks.
7. Promoted by the Chico Chamber of Commerce and the City as a place to visit while in town.
8. Supported by use fees assessed to ensure continued maintenance of the ponds.
9. Used by local schools for economical field trips.
10. An area where inflow of stormwater is filtered and removed of contaminants that pollute and leave deposits detrimental to life both in the ponds and downstream.
11. A gathering place where organizations dedicated to seeking peace such as Veterans, Peace organizations, Peace officers, and individuals can meet to celebrate memorials to their efforts.
12. An area where optimal flow both in and out of the ponds is monitored and maintained.
13. Enhanced by rest benches, picnic/lab tables, and viewing blinds, that contribute to the enjoyment of the ponds.
14. Communicated to the public with the website, brochures, buttons, presentations, and the kiosk.

Please join me in making this dream come true.

## TEICHERT PEACE PONDS PROPOSAL

### Brief History

1960-65-40-acre site mined for gravel to build 99N freeway across Chico.

1965-1970- ponds form in excavation abandoned by Teichert Construction Company out of Woodland. Wildlife migrates in cohabitates and evolves, as heavy rains and three springs fill pond # 1 rapidly.

1970-79 -property in private ownership, changing ownership frequently with little development.

1979-80 -City of Chico builds storm drain concrete entrance to ponds. Original plans were for a separate channel from the ponds to run parallel to freeway emptying into Little Chico Creek. Instead, polluted (nitrates, phosphates, and trash) water enters ponds not only from the housing developments next door (Heritage Oaks) but those being built along Bruce Road and the Chico Mall. This influx of polluted water has and continues to affect life in the ponds. Stagnation and eutrophication in the summer, flooding in the winter. The ponds do serve as water detention with seasonal variation of precipitation added to household and commercial inflow. Optimal pond water levels need to be regulated as designed by the plans made in 2006 -08.

1990-Teichert Ponds Educators Consortium advocates group founded to encourage develop the educational and recreational aspects of this environmental oasis. Through education, this organization helped educate the public to the value of the ponds and encouraged the city to take over the ownership from private developers. After all, the city was using the ponds for detention with no payment to the private parties.

1998-City takes ownership of the ponds using redevelopment funds and May Dedication ceremony was well attended by representatives from most stakeholders and Teichert Ponds Educators Consortium soon dissolved for their work had been done. or so we thought.

2006-2008-Redevelopment funds from the state are used to first study the composition of the ponds and the design an engineered improvement. These completed plans were adopted by the city and permits granted. The \$2.6 million cost has not been budgeted with ensuing city financial problems. Meanwhile, the ponds and the plans largely remain unattended.

2010-Teichert Ponds Restoration Foundation formed from a group of interested members from the original educator's group. This time the goal was to continue public education as to the potential of the ponds, to garner funds to implement what mini improvements that could be made without negating the master plan as accepted in 2008. This group was successful in collecting over \$10,000 to improve the ponds by building an informational kiosk, trail improvement, invasive plant removal. and continued educational efforts before disbanding in 2017. Funds of around \$ 3,000 remain deposited in an account with North Valley Community Foundation are now in the management of the Chico Parks and Playgrounds Commission. These funds have been earmarked for use only for improvement of the Teichert Ponds, specifically kiosk sign replacement and trail improvement between ponds.

2018-City of Chico has been able to do considerable evasive plant removal and trail improvement by use of a federal grant providing income to unemployed for doing this community work. This in turn has reduced the homeless occupancy. Hopefully these funds will continue.

## TEICHERT PEACE PONDS PROPOSAL

### Need

Minimal progress towards the restoration of the Teichert Ponds has been made since plans were completed, approved, and permits granted in 2010. Since the city has not allocated funds to do the project, mini-improvements have been dependent on volunteer's contributions of money and work. A dedicated funding source is needed.

1. The theme (park?)-PEACE PONDS PARK has universal appeal.
2. The park will be dedicated to those who served and presently serve our country to preserve and attain peace.
3. The theme also represents the desire to make the preserve an area of repose and reflection.
4. Dedications such as benches, trail signage, picnic /study tables, and other improvements will make valuable memorable additions.
5. Organizations such as Veterans can use the staging area for special services such as Memorial Day. By broadening the support base to included groups as well as individuals, major improvements and implementation of larger proportions the plans will become possible.
6. Cooperative planning as a peace park by all stakeholders and the city of Chico will bring this project to completion.

Please contact me to discover how you and your organizations can participate.

For the Ponds.

Dick Cory

Chico, CA

530 342-4159





DATE: May 15, 2019  
TO: Bidwell Park & Playground Commission (BPPC)  
FROM: Linda Herman, Park and Natural Resources Manager  
SUBJECT: CONSIDERATION OF DRAFT PROPOSED 2019-20 PARK AND STREET TREES BUDGETS

## REPORT IN BRIEF:

At its 3/25/19 meeting, Staff provided the BPPC draft 2019-20 proposed budgets for the Park and Street Tree Divisions based on the Council adopted 2018-2019 budgets for these Divisions. Staff will update the Commission on the City Manager Recommended 2019-20 budgets that will be considered by the City Council on 5/21/19.

**Recommendation:** None, this is an informational item only.

## BACKGROUND:

Each year the City Manager presents a Draft and Proposed Budget for the following fiscal year, which starts on July 1, to the City Council for consideration. The Annual Budget, which is available on the City's website, includes the following components:

- Budget Message and Resolution
- Budget Policies
- Five-Year Fund Projections
- Fund Summaries
- Operating Budgets
- Capital Improvement Program (CIP) Projects
- Chico Redevelopment/Successor Agency Budgets

The Park and Street Tree Divisions are funded by Park Fund 002, which are General Funds specifically dedicated by Section 1104 of the City Charter for Parks, Street Trees, and Public Plantings. Because the 2019-20 budgets were still in process, Staff provided 2018-19 budget information for the Park and Street Tree Divisions to the BPPC at the 3/25/19 meeting.

## DISCUSSION:

The 2019-20 Draft City Manager Recommended budget will be considered by the City Council at its May 21, 2019 meeting, with the Proposed and Final Budget scheduled to be considered at the June 4, 2019 meeting. Attached for the Commission's information and consideration are:

1. 2019-20 Fund 002 Fund Summary, which provides information on revenues, and operating capital expenses. (Attachment A)
2. 2019-20 Park Division Operating Budget (002-682) (Attachment B)
3. 2019-20 Street Tree and Public Planting Operating Budget (002-686) (Attachment B)

In Fiscal Year 2018-19, the Parks and Street Tree Division budgets combined totaled over \$3,070,140 and the 2019-20 budgets are relatively the same at \$3,036,181. The Park Division operating budget was reduced by \$137,440 due to two Ranger positions being funded by Fund 002 were moved to the Police Department operating budget. The P&NRM's request for a full-time permanent or hourly Maintenance Aide position was not approved, but the Division is looking at using interns and other options. An additional \$50,000 was also approved for capital project expenses.

The Street Tree Division operating budget was increased by \$103,481 primarily because the UFM's request to change a current hourly Maintenance Aide position to a full-time permanent position was approved. The Tree Division also received partial funding of an hourly Maintenance Aide position to be funded by the CalFire Tree Planting grant.

## ATTACHMENTS:

Attachment A: 2019-20 Fund 002 Fund Summary  
Attachment B: 2019-20 Park and Street Tree and Operating Proposed Budgets

**City of Chico**  
**2019-20 Annual Budget**  
**Fund Summary**  
**PARK FUND**

Attachment A - Fund Summaries

FUND 002 PARK	FY16-17	FY17-18	FY2018-19		FY2019-20	
	Actual	Actual	Council Adopted	Estimated Final	City Mgr Recomm	Council Adopted
<b>Revenues</b>						
42441 Tree Replacement In-Lieu Fee	700	0	0	0	0	0
42501 Park Use Fees	17,412	19,082	17,000	17,000	17,000	0
42691 CalPERS UAL Svc Chg - Misc.	19	0	0	0	0	0
42699 Other Service Charges	5,215	5,347	5,000	5,000	5,000	0
43018 Administrative Citations	4,029	1,852	4,000	4,000	4,000	0
44101 Interest on Investments	(7,126)	(2,399)	0	0	0	0
44130 Rental & Lease Income	0	6,560	0	0	0	0
44131 Lease-Bidwell Park Golf Course	39,876	42,528	40,000	40,000	40,000	0
44140 Concession Income	6,544	5,139	6,000	6,000	6,000	0
44501 Cash Over/Short	180	74	0	0	0	0
44506 Credit Card Fees	123	0	0	0	0	0
46001 Donation from Private Source	60	0	0	0	0	0
46010 Reimb of Damage to City Prop	5,403	4,913	1,000	1,000	1,000	0
<b>Total Revenues</b>	<b>72,435</b>	<b>83,096</b>	<b>73,000</b>	<b>73,000</b>	<b>73,000</b>	<b>0</b>
<b>Expenditures</b>						
<b>Operating Expenditures</b>						
300 Police	0	0	0	0	170,127	0
682 Parks and Open Spaces	1,759,723	1,651,240	1,867,776	1,877,936	1,730,336	0
686 Street Trees/Public Plantings	1,022,261	977,532	1,202,364	1,202,364	1,305,845	0
995 Indirect Cost Allocation	284,429	284,429	287,396	287,396	283,031	0
<b>Total Operating Expenditures</b>	<b>3,066,413</b>	<b>2,913,201</b>	<b>3,357,536</b>	<b>3,367,696</b>	<b>3,489,339</b>	<b>0</b>
<b>Capital Expenditures</b>						
17024 Five-Mile Irrigation	3,318	4,502	0	41,105	0	0
18050 Cedar Grove Improvements	0	0	21,115	21,115	0	0
19005 Bidwell Park Master Mgmt Plan	131	0	25,750	33,109	20,000	0
50243 Caper Acres Renovation	275	112,193	0	257,057	0	0
50302 Corridor Tree Improvements	85,980	0	20,600	82,906	0	0
50303 Upper Park Road Rehabilitation	25,891	4,265	0	294,479	0	0
50304 Park Facility Improvements	77,098	40,456	115,000	226,903	0	0
50305 Park Tree Maintenance	5,855	44,652	46,000	64,493	0	0
50312 Bidwell Bowl Rehabilitation	0	0	0	17,250	0	0
50422 Illegal Encampment Cleanup	0	0	0	0	30,000	0
<b>Total Capital Expenditures</b>	<b>198,548</b>	<b>206,068</b>	<b>228,465</b>	<b>1,038,417</b>	<b>50,000</b>	<b>0</b>
<b>Total Expenditures</b>	<b>3,264,961</b>	<b>3,119,269</b>	<b>3,586,001</b>	<b>4,406,113</b>	<b>3,539,339</b>	<b>0</b>
<b>Other Financing Sources/Uses</b>						
From:						
3001 General	3,188,069	3,036,237	3,513,001	4,417,077	3,466,339	0
3902 Unemployment Insurance Reserve	4,455	0	0	0	0	0
To:						
9100 Grants - Operating Activities	0	0	0	(84,026)	0	0
<b>Total Other Sources/Uses</b>	<b>3,192,524</b>	<b>3,036,237</b>	<b>3,513,001</b>	<b>4,333,051</b>	<b>3,466,339</b>	<b>0</b>
<b>Excess (Deficiency) of Revenues And Other Sources</b>						
	(2)	64	0	(62)	0	0
<b>Fund Balance, July 1</b>	<b>0</b>	<b>(2)</b>	<b>0</b>	<b>62</b>	<b>0</b>	<b>0</b>
<b>Fund Balance, June 30</b>	<b>(2)</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Fund Name: Fund 002 - Park  
Authority: City Charter, Section 1104  
Use: Unassigned  
Authorized Capital Uses: Major programs, buildings and facilities, major equipment  
Authorized Other Uses: Operating, debt service  
Description: Parks, street trees and public plantings only. All revenues restricted to parks purposes only.

**City of Chico  
2019-20 Annual Budget  
Operating Budget**

Prepared for DPW Operations

**Fund: PARK (002)**

**Dept: Parks/Open Spces (682)**

	FY 16-17	FY 17-18	FISCAL YEAR 2018-2019			FISCAL YEAR 2019-20	
	Actual	Actual	Council Adopted	Estimated Final	Actual thru 3/2019	City Mgr Recommend	Council Adopted
Salaries & Employee Benefits	1,011,459	980,392	1,100,163	1,105,245	813,130	953,198	0
Materials & Supplies	76,398	70,633	71,625	71,625	44,812	81,595	0
Purchased Services	324,620	303,902	230,870	235,948	177,939	245,870	0
Other Expenses	88,318	79,165	143,487	143,487	82,009	143,487	0
Allocations	258,925	217,147	321,631	321,631	178,676	306,186	0
<b>Total PARK-PARKS AND OPEN</b>	<b>1,759,723</b>	<b>1,651,240</b>	<b>1,867,776</b>	<b>1,877,936</b>	<b>1,296,568</b>	<b>1,730,336</b>	<b>0</b>

**Salaries & Employee Benefits**

4000 Salaries - Permanent	566,945	523,784	605,174	607,648	420,050	539,633	0
4005 Salaries - Supplemental Comp.	799	0	0	0	0	0	0
4015 Salaries - Holiday Pay	7,703	7,579	12,500	12,500	6,278	12,500	0
4020 Salaries - Hourly Pay	7,219	35,222	27,080	27,587	41,197	0	0
4050 Salaries - Overtime	13,699	14,250	13,075	13,391	12,648	13,075	0
4053 OT - Special Event/Emergency	0	0	0	0	299	0	0
4080 Salaries - Light Duty	8,120	22,164	0	0	18,630	0	0
4690 Employee Benefits Other	406,971	377,390	442,334	444,119	314,025	387,990	0
<b>Total Salaries &amp; Employee Benefits</b>	<b>1,011,459</b>	<b>980,392</b>	<b>1,100,163</b>	<b>1,105,245</b>	<b>813,130</b>	<b>953,198</b>	<b>0</b>

**Materials & Supplies**

5000 Office Expense	831	73	1,000	1,000	512	1,000	0
5005 Postage & Mailing	282	319	500	500	134	500	0
5010 Outside Printing Expense	805	1,064	1,000	1,000	308	1,000	0
5050 Books/Periodicals/Software	178	621	1,295	1,295	246	800	0
5100 Materials and Supplies	32,460	30,907	35,000	35,000	16,807	35,000	0
5105 Small Tools and Equipment	5,006	6,587	5,035	5,035	3,513	5,035	0
5110 Safety Equipment	3,035	3,758	3,610	3,610	1,816	4,075	0
5120 Clothing/Uniforms	2,915	4,848	4,085	4,085	1,211	4,085	0
5505 Equipment Maintenance/Repair	1,387	635	2,100	2,100	2,797	2,100	0
5515 Building Maintenance/Repair	11,820	2,887	10,000	10,000	4,186	10,000	0
6250 Donations - Expense	0	72	0	0	0	0	0
7320 Custodial Supplies	9,521	7,594	8,000	8,000	5,018	8,000	0
7371 Landscape Maintenance	8,152	11,261	0	0	8,258	10,000	0
<b>Total Materials &amp; Supplies</b>	<b>76,398</b>	<b>70,633</b>	<b>71,625</b>	<b>71,625</b>	<b>44,812</b>	<b>81,595</b>	<b>0</b>

**Purchased Services**

5330 Contractual	150,512	195,903	103,000	105,578	79,975	103,000	0
5400 Professional Services	4,614	602	2,250	4,750	2,703	2,250	0
5415 Landscape Maintenance	116,669	84,392	105,000	105,000	79,245	105,000	0
5420 Laundry Services	278	268	850	850	246	850	0
5440 Janitorial Services	12,716	1,028	3,000	3,000	0	18,000	0
5522 Radio Maintenance & Repair	16	0	285	285	0	285	0
5535 Maint Agrmt- Software	0	0	485	485	0	485	0
7203 Elderberry Site Monitor & Main	989	363	1,000	1,000	0	1,000	0
7375 Sweeping/Trash Disposal	36,095	21,094	15,000	15,000	15,599	15,000	0
7413 Outside Repairs/Services Other	2,728	250	0	0	169	0	0
<b>Total Purchased Services</b>	<b>324,620</b>	<b>303,902</b>	<b>230,870</b>	<b>235,948</b>	<b>177,939</b>	<b>245,870</b>	<b>0</b>

**Other Expenses**

5140 Advertising/Marketing	592	351	500	500	248	500	0
5160 Licenses/Permits/Fees	6,203	2,455	7,000	7,000	1,778	7,000	0
5300 Lease/Rental Expense	7,022	9,673	8,000	8,000	0	8,000	0
5370 Memberships/Dues	896	75	1,000	1,000	0	1,000	0
5390 Training	3,491	1,301	5,000	5,000	1,078	8,000	0
5465 Solid Waste Disposal	3,716	1,866	3,000	3,000	1,912	0	0
5480 Communications	21,741	18,431	20,000	20,000	9,956	20,000	0
7322 CARD Park Expenses	38,060	39,187	90,700	90,700	61,041	90,700	0
7451 Volunteer Mat and Supplies	2,170	1,744	2,185	2,185	1,592	2,185	0
7452 Volunteer Small Tools & Equip	1,647	1,299	1,520	1,520	1,791	1,520	0
7453 Volunteer Training	540	295	582	582	567	582	0
7454 Water Quality Testing	2,235	2,483	4,000	4,000	2,042	4,000	0
<b>Total Other Expenses</b>	<b>88,318</b>	<b>79,165</b>	<b>143,487</b>	<b>143,487</b>	<b>82,009</b>	<b>143,487</b>	<b>0</b>

**Non-Recurring Operating**

<b>Total Non-Recurring Operating</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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**Allocations**

5030 Insurance	47,111	14,961	45,202	45,202	30,581	29,666	0
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**City of Chico**  
**2019-20 Annual Budget**  
**Operating Budget**

Prepared for DPW Operations

**Fund: PARK (002)****Dept: Parks/Open Spces (682)**

	FY 16-17	FY 17-18	FISCAL YEAR 2018-2019			FISCAL YEAR 2019-20	
	Actual	Actual	Council Adopted	Estimated Final	Actual thru 3/2019	City Mgr Recommend	Council Adopted
5260 Fuel	14,002	15,229	28,055	28,055	12,416	28,055	0
5455 Electric	35,546	36,557	51,326	51,326	25,063	43,583	0
5456 Natural Gas	9	0	0	0	0	0	0
5460 Water	55,513	58,781	90,118	90,118	47,556	91,920	0
5510 Vehicle Maintenance/Repair	46,422	37,237	48,014	48,014	32,669	50,516	0
7994 Building Main Allocation	15,592	19,120	21,890	21,890	11,854	25,013	0
7996 Info Systems Allocation	44,728	35,258	37,026	37,026	18,536	37,433	0
<b>Total Allocations</b>	<b>258,925</b>	<b>217,147</b>	<b>321,631</b>	<b>321,631</b>	<b>178,676</b>	<b>306,186</b>	<b>0</b>
<b>Total PARK-PARKS AND OPEN</b>	<b>1,759,723</b>	<b>1,651,240</b>	<b>1,867,776</b>	<b>1,877,936</b>	<b>1,296,568</b>	<b>1,730,336</b>	<b>0</b>

**City of Chico**  
**2019-20 Annual Budget**  
**Operating Budget**

Prepared for DPW Operations

Fund: PARK (002) Dept: St Tree/PUB Plnt (686)	FY 16-17	FY 17-18	FISCAL YEAR 2018-2019			FISCAL YEAR 2019-20	
	Actual	Actual	Council Adopted	Estimated Final	Actual thru 3/2019	City Mgr Recommend	Council Adopted
Salaries & Employee Benefits	504,210	538,588	664,805	664,805	434,234	746,123	0
Materials & Supplies	15,895	22,315	12,210	12,210	8,798	12,210	0
Purchased Services	348,822	259,019	325,185	325,185	153,416	343,435	0
Other Expenses	5,384	16,811	8,782	8,782	8,091	9,482	0
Allocations	147,947	140,795	191,382	191,382	118,936	194,595	0
<b>Total PARK-STREET TREE/PUB PLNT</b>	<b>1,022,261</b>	<b>977,531</b>	<b>1,202,364</b>	<b>1,202,364</b>	<b>723,478</b>	<b>1,305,845</b>	<b>0</b>
<b>Salaries &amp; Employee Benefits</b>							
4000 Salaries - Permanent	237,968	251,399	340,624	340,624	212,440	397,758	0
4005 Salaries - Supplemental Comp.	26	0	0	0	0	0	0
4015 Salaries - Holiday Pay	32	0	0	0	0	0	0
4020 Salaries - Hourly Pay	23,796	21,428	27,080	27,080	30,896	8,655	0
4050 Salaries - Overtime	14,479	23,731	17,124	17,124	21,322	17,124	0
4053 OT - Special Event/Emergency	0	0	0	0	145	0	0
4080 Salaries - Light Duty	18,661	24,083	0	0	0	0	0
4690 Employee Benefits Other	209,244	217,945	279,977	279,977	169,429	322,586	0
<b>Total Salaries &amp; Employee Benefits</b>	<b>504,210</b>	<b>538,588</b>	<b>664,805</b>	<b>664,805</b>	<b>434,234</b>	<b>746,123</b>	<b>0</b>
<b>Materials &amp; Supplies</b>							
5005 Postage & Mailing	1	0	0	0	12	0	0
5100 Materials and Supplies	5,063	4,716	4,000	4,000	3,155	4,000	0
5105 Small Tools and Equipment	1,219	2,747	2,500	2,500	1,387	2,500	0
5110 Safety Equipment	2,445	3,196	2,500	2,500	3,062	2,500	0
5120 Clothing/Uniforms	1,298	1,295	1,500	1,500	382	1,500	0
5505 Equipment Maintenance/Repair	1,549	1,382	1,710	1,710	798	1,710	0
7371 Landscape Maintenance	4,318	8,976	0	0	0	0	0
<b>Total Materials &amp; Supplies</b>	<b>15,895</b>	<b>22,315</b>	<b>12,210</b>	<b>12,210</b>	<b>8,798</b>	<b>12,210</b>	<b>0</b>
<b>Purchased Services</b>							
5330 Contractual	228,457	139,929	129,505	129,505	8,899	129,505	0
5400 Professional Services	0	275	380	380	0	380	0
5415 Landscape Maintenance	120,365	118,569	195,000	195,000	144,219	213,000	0
5420 Laundry Services	0	245	300	300	297	550	0
<b>Total Purchased Services</b>	<b>348,822</b>	<b>259,019</b>	<b>325,185</b>	<b>325,185</b>	<b>153,416</b>	<b>343,435</b>	<b>0</b>
<b>Other Expenses</b>							
5160 Licenses/Permits/Fees	0	845	617	617	594	617	0
5300 Lease/Rental Expense	167	7,795	665	665	628	665	0
5370 Memberships/Dues	12	0	0	0	460	700	0
5390 Training	311	950	2,500	2,500	2,012	2,500	0
5465 Solid Waste Disposal	28	612	500	500	193	500	0
5480 Communications	4,865	6,607	4,500	4,500	4,202	4,500	0
<b>Total Other Expenses</b>	<b>5,384</b>	<b>16,811</b>	<b>8,782</b>	<b>8,782</b>	<b>8,091</b>	<b>9,482</b>	<b>0</b>
<b>Non-Recurring Operating</b>							
<b>Total Non-Recurring Operating</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Allocations</b>							
5030 Insurance	17,375	8,390	24,627	24,627	16,661	19,659	0
5260 Fuel	7,395	10,347	26,471	26,471	10,688	26,471	0
5455 Electric	1,601	1,481	2,644	2,644	1,025	2,157	0
5460 Water	55,908	58,910	80,212	80,212	44,854	81,816	0
5510 Vehicle Maintenance/Repair	54,574	49,580	43,352	43,352	37,895	49,402	0
7994 Building Main Allocation	4,229	5,186	5,938	5,938	3,216	6,786	0
7996 Info Systems Allocation	6,863	6,899	8,138	8,138	4,596	8,304	0
<b>Total Allocations</b>	<b>147,947</b>	<b>140,795</b>	<b>191,382</b>	<b>191,382</b>	<b>118,936</b>	<b>194,595</b>	<b>0</b>
<b>Total PARK-STREET TREE/PUB PLNT</b>	<b>1,022,261</b>	<b>977,531</b>	<b>1,202,364</b>	<b>1,202,364</b>	<b>723,478</b>	<b>1,305,845</b>	<b>0</b>



DATE: 5/15/2019  
TO: Bidwell Park and Playground Commission  
FROM: Policy Advisory Committee (Commissioners Moore (Chair), McReynolds and Glatz)  
SUBJECT: REPORT ON THE POLICY ADVISORY COMMITTEE MEETING HELD ON 5/08/19

## 1. CALL TO ORDER

Committee Chair Moore called the meeting to order at 6:00 pm.

**Attendees:** Commissioners present: Anna Moore (Chair), and Elaina McReynolds.

Commissioners absent: Jeff Glatz

Staff present: Erik Gustafson (PWD-O&M), Linda Herman (P&NRM) and Angie Irmer (Admin Assistant)

Public present: Robin McCollum

## 2. REGULAR AGENDA

### 2.1. CONSIDERATION OF DEFINING LARGE SCOPE VEGETATION MANAGEMENT PROJECTS AND ACTIVITIES

At its meeting on 4/25/19, the Bidwell Park & Playground Commission (BPPC) approved the Policy Advisory Committee's (PAC) priority topics for discussion and directed the Committee to begin consideration of the scope of vegetation management projects and activities at their next meeting. Staff requested that the Committee discuss the type or scope of vegetation management projects or activities that the BPPC should be informed about and what types should be considered routine maintenance.

In the 5/8/19 PAC meeting Staff Report (attached as Exhibit A), the Committee was provided sections of the Bidwell Park Master Management Plan (BPMMP) that identified Goals and Implementation Strategies for Decision Making and Maintenance of Bidwell Park. Staff informed the PAC that the BPMMP and the accompanying Natural Resource Management Plan (NRMP) are guiding documents for vegetation management and maintenance in park.

The Committee discussed that the Environmental Impact Report (EIR) for the BPMMP provided the California Environmental Quality Act (CEQA) review for the vegetation and maintenance activities identified in the BPMMP and NRMP. It was also discussed that any new or not already identified activities, and construction of the remaining three BPMMP park improvements projects (i.e. Trails Plan, and the Horseshoe Lake and Cedar Grove concept plans) would require additional environmental review.

The Public Works Director–O&M also reiterated that any new or large scaled projects or activities will be forwarded to the BPPC for consideration.

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Robin McCollum addressed the Committee regarding this item

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**Recommendation:** The Committee recommended that the BPPC approve the following:

1. Staff to prepare for BPPC consideration an annual work plan outlining vegetation management activities and projects proposed each year.
2. Status updates on the work plan activities and projects to be provided as part of the BPPC Park and Tree Division reports at the monthly BPPC regular meetings.

### **3. BUSINESS FROM THE FLOOR**

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

There was no Business from the Floor.

### **4. ADJOURNMENT**

The meeting was adjourned at 7:08 p.m.

**Attachments:**

Exhibit A: 5/08/19 PAC Staff Report

**Distribution:** BPPC



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

(Commissioners Moore (Chair), Glatz, and McReynolds)  
Regular Meeting Agenda  
May 8, 2019, 6:00 p.m.

**Chico Municipal Center Council Chamber Building - 421 Main Street, Conference Room 2**

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

**1. CALL TO ORDER**

**2. REGULAR AGENDA**

**2.1. CONSIDERATION OF DEFINING LARGE SCOPE VEGETATION MANAGEMENT PROJECTS AND ACTIVITIES**

At its meeting on 4/25/19, the Bidwell Park & Playground Commission (BPPC) approved the Policy Advisory Committee's priority topics for discussion and directed the Committee to begin consideration of the scope of vegetation management projects and activities at their next meeting.

**Recommendation:** Park & Natural Resources Manager requests the Committee discuss the type or scope of vegetation management projects or activities that the BPPC should be informed about and what types should be considered routine maintenance.

**3. BUSINESS FROM THE FLOOR**

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

**4. ADJOURNMENT**

Unless otherwise noticed, adjourn to the next regular meeting on June 12, 2019 at 6:00 p.m. in Conference Room 2, Chico Municipal Center Council Chamber Building located at 421 Main Street, Chico, California.



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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. If possible, this request should be received at least three (3) working days prior to the meeting.





DATE: 5/03/19  
TO: BPPC Policy Advisory Committee  
FROM: Linda Herman, Park and Natural Resources Manager  
SUBJECT: CONSIDERATION OF DEFINING LARGE SCOPE VEGETATION MANAGEMENT PROJECTS AND ACTIVITIES

## **BACKGROUND:**

At its 4/10/19 meeting the Policy Advisory Committee (PAC) reviewed the Committee's purpose and previous recommendations to the Bidwell Park & Playground Commission (BPPC). The Committee also considered items to be discussed by the PAC in the future.

On 4/25/19, the Bidwell Park & Playground Commission (BPPC) considered and approved (7-0) the PAC's recommendations to agendaize the following Committee meeting topics listed in order of priority.

1. Developing a written policy regarding BPPC review of vegetation management projects
2. Establishing a Policy Handbook
3. Whether it is feasible to establish an Interpretive Ranger program
4. Reviewing and updating the donation and memorial policy

## **DISCUSSION:**

At the 4/25/19 BPPC meeting, Public Works Director-O&M stated that the Commission would be informed of larger scoped vegetation management projects and maintenance activities. The BPPC directed the PAC to define what "larger scoped" means.

To assist the PAC in this discussion, Staff is providing Sections of the Bidwell Park Master Management Plan regarding Decision Making and Maintenance Goals and Implementation Strategies (Exhibit A). Staff is requesting that the Committee discuss the type or scope of vegetation management projects or activities that the BPPC should be informed about and what types should be considered routine maintenance.

## **ATTACHMENTS:**

Exhibit A: BPMMP Decision Making/Maintenance Goals

### 3.5.1 DECISION-MAKING AND MANAGEMENT

**Goal DMM:**

**Implement a coordinated and efficient decision-making and management process with defined roles and responsibilities by the City Council, Bidwell Park and Playground Commission, and City Staff, and with periodic review and input by the public.**

**Objectives:**

- O. DMM-1. Use the BPMMP to manage data, guide policy decisions within and around Bidwell Park, and as a means for conflict resolution.
- O. DMM-2. Use the BPMMP as a primary source for assigning priorities to management tasks.
- O. DMM-3. Consider the Goals and Objectives in the BPMMP as the primary policy statement for management of Bidwell Park. Future revisions or amendments to the Goals and Objectives will be subject to review and approval by the City Council.
- O. DMM-4. Consider the Implementation Strategies, Guidelines, and resource management appendices in the BPMMP as the primary implementation guidance to the General Services Director and staff. Future revisions to the Implementation Strategies and Guidelines should be subject to review and approval by the BPPC.
- O. DMM-5. Consider specific interpretations of individual recommendations within the BPMMP within the context of the general goals and objectives (intent) of the BPMMP.
- O. DMM-6. Allow the staff and BPPC flexibility to develop implementation responses in accordance to and consistent with the goals and objectives and existing implementation strategies and guidelines of the BPMMP, and in compliance with all federal, state, and local regulatory requirements, to address issues and needs throughout the Park including new planning issues as they arise (see Appendix I, "Regulatory Framework" and Appendix J, "City of Chico General Plan Policies").
- O. DMM-7. Use adaptive management strategies to address new planning and management issues as they arise.
- O. DMM-8. Acknowledge and support active citizen input in the decision-making process.
- O. DMM-9. Review the BPMMP through a public review process on a periodic basis (approximately 5 year intervals), including any regulatory revisions and updates, as applicable.

**Implementation Strategies and Guidelines:**

- I. DMM-1. The BPMMP shall be used as a tool for decision-making, establishing priorities, and as a means for conflict resolution so that decisions reflect consistent and defensible interpretations of the Plan.
- I. DMM-2. An amendment process shall be applied for the BPMMP that allows for the incorporation of new data and conditions without compromising the overall philosophy and intent of the Plan.
- I. DMM-3. New data should be allowed to become officially recognized and incorporated into the BPMMP.

## ITEM 2.1 - EXHIBIT A

- I. DMM-4. Opportunities for better public outreach such as media announcements, public notices regarding issues pertaining to the Park, and contacting of known park users groups should be identified and implemented in conjunction with important potential management changes.
- I. DMM-5. A greater emphasis shall be placed on the role the BPMMP plays as the lead document for Park and off-site Park related issues.
- I. DMM-6. BPPC decisions shall be incorporated into BPMMP updates, and to the extent possible, past policies decisions (such as those regarding park benches and management of Lindo Channel) should be captured.
- I. DMM-7. A review of the BPMMP shall be conducted approximately every 5 years, and to the extent necessary, updates shall be incorporated into the BPMMP.
- I. DMM-8. Research topics and data needs should be identified and methods for acquiring the data should be identified and pursued.
- I. DMM-9. An active effort to encourage research and data submittal of the Park should be conducted.
- I. DMM-10. Opportunities for public agencies, volunteer groups, community experts, Butte College and CSUC faculty, other organizations, and students should be provided to participate in research and planning efforts.
- I. DMM-11. On an annual basis, BPPC shall review and approve priorities for BPMMP implementation for the following year. Insights gained from any research projects conducted in the Park shall be considered when setting priorities.
- I. DMM-12. Youth, the elderly, and the disabled and/or the physically challenged should be encouraged to participate in planning decisions pertaining to the Park.

### **3.5.2 LAND USES**

#### ***Goal LU-1:***

**Manage Park use and the distribution of facilities to meet the changing needs of the Park users while continuing to protect the Park's natural and cultural resources.**

#### ***Goal LU-2:***

**Provide a proper framework for decisions related to off-site properties and circumstances that have the potential to adversely affect the vision, purpose, and goals established for Bidwell Park in this BPMMP.**

#### **3.5.2.1 MANAGEMENT AND CLASSIFICATION**

##### ***Objectives:***

- O. MC-1. Manage Bidwell Park consistent with the BPMMP, as well as the City of Chico General Plan and Municipal Code.
- O. MC-2. Establish resource or management zone designations to help guide the type and extent of resource protection and/or allowable uses, for specific park locations, where appropriate.

### **3.5.5 MAINTENANCE AND OPERATIONS**

**Goal MO:**

**Provide an efficient maintenance program that keeps Bidwell Park facilities and resources clean, safe, attractive, functional, and in harmony with the users and natural resources of the Park.**

#### **3.5.5.1 MAINTENANCE STAFF**

**Objectives:**

- O. MS-1. Establish a safety inspection program whereby all areas and facilities are scheduled for regular safety reviews.
- O. MS-2. Establish a dependable base funding source that recognizes immediate, short-term and long-term maintenance requirements.
- O. MS-3. Provide periodic training to maintenance staff that supports among other things natural and cultural resource protection.

**Implementation Strategies and Guidelines:**

- I. MS-1. The General Services Director should establish and regularly review maintenance priorities.
- I. MS-2. Maintenance methods (e.g., irrigation, mowing, trimming, etc.) shall be utilized that avoid or minimize adverse effects on natural conditions and control adverse effects caused by humans and natural processes (e.g., invasive weed infestations, fuel load buildup, pests, acts of nature).
- I. MS-3. Areas in which maintenance staff may need additional training to support resource protection and recreational opportunity goals should be identified.
- I. MS-4. Sound resource preservation, horticulture, and maintenance practices shall follow Best Management Practices.
- I. MS-5. Immediate, short term and long term maintenance requirements in terms of manpower, equipment, training, and tasks should be discussed when new facilities and programs are proposed.

#### **3.5.5.2 RANGERS**

**Objectives:**

- O. R-1. Provide knowledgeable Park rangers to patrol Park and enforce rules and regulations, as well as assist Park users.

**Implementation Strategies and Guidelines:**

- I. R-1. Park activities should be monitored and Park rules enforced.
- I. R-2. Enforcement activities should be coordinated with the Police Department and other law enforcement agencies as needed.
- I. R-3. The role of rangers in law enforcement should be periodically evaluated.



# BPPC Natural Resources Committee Report

Meeting Date 5/20/19

DATE: 5/16/2019  
TO: Bidwell Park and Playground Commission  
FROM: Natural Resources Committee (Commissioners Grist (Chair), Haar, and Smith-Peters)  
SUBJECT: REPORT ON THE NATURAL RESOURCE COMMITTEE MEETING HELD ON 5/15/19

## 1. CALL TO ORDER

Committee Chair Grist called the meeting to order at 6:03 pm.

**Attendees:** Commissioners present: Scott Grist (Chair), Aaron Haar and Lise Smith-Peters

Commissioners absent: None

Staff present: Erik Gustafson (PWD-O&M), Linda Herman (P&NRM), Richie Bamlet (UFM), Angie Irmer (Admin Assistant)

Public present: Timmarie Hamill, Robin McCollum, John Merz, Michael Stauffer

## 2. REGULAR AGENDA

### 2.1. CONSIDERATION OF OPTIONS FOR RESTORATION OF THE GROVE NEAR THE NATURE CENTER

On 4/17/19 meeting, the Natural Resource Committee's (NRC) considered several options to restore the area near the Chico Nature Center where trees were removed. The Committee continued discussion of this item to their May meeting.

As part of the 5/15/19 Staff Report (attached as Exhibit A), the NRC was provided a copy of the Cedar Grove Objectives and Implementation Guidelines, the Cedar Grove Concept Plan, and a map of Lower Park Plant Communities identified in the Bidwell Park Master Management Plan (BPMMP). The Committee once again reviewed the following three restorations options:

1. Restore the area by turning it into a native pollinator garden and outdoor education area.
2. Restore the area by planting with 15-gallon native oaks trees and several blue elderberry bushes.
3. Wait and see whether and how the area regenerates on its own

The Committee's first inclination was to choose Option 3 but discussed various components of all three options. For instance, the Committee deliberated about what size Oak trees should be planted (i.e. acorns, seedlings etc.), and BPPC Commissioner Lile's 5/3/19 email suggesting the area could provide an opportunity to establish a Valley Oak Woodland demonstration and education area by not only reintroducing new Oak trees, but other desirable grasses and understory plants.

To determine the success of the restoration efforts, it was decided that the area should be cordoned off and a map of the existing plants and conditions are needed to use for baseline comparisons. The Committee agreed education is important and suggested allocating some of the \$14,000+ in-lieu tree planting funding for restoration area signage and other education components. Spraying herbicides on the re-sprouting Catalpa trees and other invasive plants was discussed.

The need for a more in-depth restoration plan for the education/demonstration area was also discussed and Staff indicated a draft plan will be prepared and presented to the NRC and BPPC for consideration once a final decision is made regarding the type of restoration to occur.

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Timmarie Hamill, John Merz, Robin McCollum and Michael Stauffer spoke regarding this item.

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**Recommendation:** The Committee recommended (3-0) that the BPPC approve the following:

1. Cordoning off the area for now to see what grows in the area and to install signs indicating it is a restoration area.
2. Conducting a survey of the area to develop a baseline vegetation site map.
3. Developing a plan to restore the area as a Valley Oak Woodland demonstration site, with planting to occur in the Fall.
4. Consider planting acorns, seedlings, and 15-gallon trees to determine the effectiveness of the different sized trees.
5. Post signs and notify the Nature Center when spraying herbicides in the area.
6. Once the restoration is complete, developing plant identification signs and other educational components using a portion of the in-lieu tree planting funds.

## **2.2. CONSIDERATION OF DEVELOPING A COMPREHENSIVE VEGETATION MANAGEMENT PLAN FOR BIDWELL PARK**

The NRC considered developing a comprehensive vegetation management plan for Bidwell Park. Staff reviewed the BPMMP Natural Resource Management Plan (NRMP) that provides goals and objectives for vegetation management in Bidwell Park. It was also noted that the NRMP was intended to be a framework that would be updated in the future.

Staff informed the Committee that the City was successful in obtaining a CAL FIRE grant which would now provide the funding to develop a vegetation/fuels management plan for Bidwell Park and all City parks and greenways. The grant funds would be used to form a Technical Advisory Committee, to conduct survey and inventory plant communities, development and environmental review of the plan, and public outreach and education.

The plan must be completed by March 2021 so once the grant agreement is signed, the project will begin. The Committee requested that Staff provide an estimated time table for the project to the NRC at their next meeting.

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Timmarie Hamill, John Merz, Robin McCollum and Michael Stauffer addressed the Committee.

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**Recommendation:** None at this time.

## **3. BUSINESS FROM THE FLOOR**

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

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Timmarie Hamill and Michael Stauffer spoke From the Floor

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## **4. ADJOURNMENT**

The meeting was adjourned at 7:25 p.m.

### **Attachments:**

Exhibit A: 5/19/19 NRC Item 2.1 Staff Report





## BPPC Natural Resource Committee Report

Meeting Date 5/15/19

DATE: 5/09/19  
TO: BPPC Natural Resource Committee (Commissioners Grist (Chair), Haar, and Smith-Peters)  
FROM: Linda Herman, Parks and Natural Resources Manager  
SUBJECT: CONSIDERATION OF OPTIONS FOR RESTORATION OF THE NATURE CENTER AREA

### REPORT IN BRIEF:

At its 4/17/19 meeting, the Natural Resource Committee's (NRC) considered several options to restore the area near the Chico Nature Center. The Committee continued discussion of this item to their May meeting.

**Recommendation:** The Park & Natural Resources Manager is requesting the Committee provide recommendations regarding restoring the Nature Center area.

### BACKGROUND:

On 3/25/19, the Bidwell Park & Playground Commission (BPPC) directed the NRC to consider options to restore the area near the Chico Nature Center where the trees and other vegetation were removed. At its 4/17/19 meeting, the NRC was provided a copy of the Natural Resources Management Plan (NRMP) of the Bidwell Park Master Management Plan (BPMMP) and considered the P&NRM staff report. In the report, the P&NRM requested the Committee provide recommendations regarding the following restoration options for the Nature Center Area:

1. Restore the area by turning it into a native pollinator garden and outdoor education area.
2. Restore the area by planting with 15-gallon native oaks trees and several blue elderberry bushes.
3. Wait and see whether and how the area regenerates on its own

Staff also informed the Committee of the need to remove the few remaining dead and hazardous trees and the remaining standing stumps on site to bring the area to a point where restoration could begin.

The NRC discussed the above three options, the California Environmental Quality Act (CEQA), whether 15-gallon trees were the correct planting alternative for Valley Oak trees, and needing more information regarding the impacts of the tree and vegetation removal. A comment was also made from the public that the wood chips added to the site could provide a sterile environment and may need to be removed. The Committee recommended that this item be continued to the May NRC meeting, and the BPPC approved this recommendation at its 4/29/19 meeting.

### DISCUSSION:

At the 4/29/19 meeting, the BPPC requested input from Commissioner Liles, based on his profession as a soil geologist, regarding the impacts of wood chips on achieving optimum soil conditions to help restore the Nature Center area. Attached as Exhibit A is an email from Commissioner Liles addressing this request for information.

Staff is also providing for the Committee's consideration a copy of the BPMMP Objectives, Implementation Strategies and Guidelines for Cedar Grove (Exhibit B), and BPMMP Exhibit 2.3.2-1a -Map of Plant Communities in Lower Park (Exhibit C), which provides additional guidance regarding historical and proposed use of the Nature Center Area.

### Attachments:

- Exhibit A: Commissioner Liles email
- Exhibit B: BPMMP Cedar Grove Objectives/Strategies
- Exhibit C: BPMMP Exhibit 2.3.2.1a -Map of Lower Park Plant Communities

**Linda Herman**

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**From:** Garrett C Liles <gcliles@csuchico.edu>  
**Sent:** Friday, May 03, 2019 6:37 AM  
**To:** Linda Herman  
**Cc:** Richard Bamlet; Erik Gustafson  
**Subject:** Restoration ideas for nature center site  
**Attachments:** VOW-UCANR.pdf

Linda – can you forward these comments to the rest of the BPPC commissioners and others as appropriate.

I have been thinking about the Nature Center restoration plan discussion and it struck me that all the talk is about the trees and there has been no talk about the other components of the Valley Oak Woodland – Savanna ecosystem everyone loves so deeply. With this new canopy gap, it might be a good idea to reintroduce grasses, forbs, and understory shrubs that are not present. The attached short from UCANR and this website - <https://oaksavannas.org/> provide good examples of the complexities these systems would have and are often missing from Bidwell park. There is so much closed canopy forest this could be a great opportunity to diversify and show off the suite of plants that would have been common in the past. This could also be an opportunity to use this site for educational demonstrations about the use of controlled burning, traditional ecological knowledge, plant usage for basketry and medicine, etc. The Maidu center was not funded but this could be a way to start this process with an emphasis on ecosystem restoration/reconciliation.

Second – a follow up about the wood chips currently at the site. I was not there for the discussion of their presence or removal but I think the perception of their impact on site processes is a bit excessive. The removal of the chips will be more damaging than leaving them where they are and using them as a mulch to defend against rain drop impacts that can degrade surface soil properties and help retain soil moisture. Wood decomposition is a major component of soil food webs and site Carbon cycling. I would suggest localized spreading of heavy chip concentrations where needed (raking) and simply watching nature do its thing.

If anyone has any questions about soils, etc. I would love to share some of what I know. I think once we get our group field tour the park planned to would be great to have to have a primer about soils and what to expect across the different reaches of the park.

Thanks for your services  
Garrett

All the best

Garrett C Liles  
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gcliles@csuchico.edu



**California Wildlife Habitat Relationships System  
California Department of Fish and Game  
California Interagency Wildlife Task Group**

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## Valley Oak Woodland

Lyman V. Ritter

### Vegetation

**Structure--** This habitat varies from savanna-like to forest-like stands with partially closed canopies, comprised mostly of winter-deciduous, broad-leaved species. Denser stands typically grow in valley soils along natural drainages. Tree density decreases with the transition from lowlands to the less fertile soils of drier uplands. Exceptions to this pattern are known, especially in the central coastal counties (N. H. Pillsbury, pers. comm.). Similarly, the shrub layer is best developed along natural drainages, becoming insignificant in the uplands with more open stands of oaks. Valley oak stands with little or no grazing tend to develop a partial shrub layer of bird-disseminated species, such as poison-oak, toyon, and coffeeberry (J. R. Griffin, pers. comm.). Ground cover consists of a well-developed carpet of annual grasses and forbs. Mature valley oaks with well-developed crowns range in height from 15 to 35 m (49 to 115 ft) (Cheatham and Haller 1975, Conard et al. 1977).

**Composition--** Canopies of these woodlands are dominated almost exclusively by valley oaks (Conard et al. 1977). Tree associates in the Central Valley include California sycamore, Hinds black walnut, interior live oak, boxelder, and blue oak. The shrub understory consists of poison-oak, blue elder, California wild grape, toyon, California coffeeberry, and California blackberry. Various sorts of wild oats, brome, barley, ryegrass, and needlegrass dominate the ground cover. Foothill pine and coast live oak are associated with VOWs along the Coast Range (Parker and Matyas 1979). Griffin (1976) reported that Coulter pine and canyon live oak are found in a montane Savannah of valley oak in the Santa Lucia Range, Monterey County.

**Other Classifications--** This type is referred to as the Foothill Woodland by Munz and Keck (1959), Valley Oak Savanna (33) by Küchler (1977), the Valley Oak Phase of the Foothill Woodland by Griffin (1977), Valley Oak Series by Paysen et al. (1980), and Valley Oak Community by Parker and Matyas (1979). Conard et al. (1977) and others include VOWs in the Central Valley riparian zone, a vegetative division in the physiographic gradient extending from river edges to higher terraces. Cheatham and Haller (1975) included part of the VOW habitat in their Central Valley Bottomland Woodland (6.11), and Küchler (1977) included parts in his Riparian Forest (28) designation.

### Habitat Stages

**Vegetation Change--** 1;2-5:S-D. In most remaining VOW, little recruitment of young oaks occurs to replace the veteran oaks dying of natural causes or being destroyed by urban and agricultural development (White 1966, Griffin 1973, 1976, 1977). The lack of oak recruitment seems to be related to animal damage of acorns and seedlings (Griffin 1980a, b). The successful combination of circumstances for valley oak establishment is speculative. The future of this habitat in valley locations seems to be fewer valley oaks and more open grassland (Griffin 1976). However, Griffin (1976) found that the current absence of ground fire encourages the invasion of evergreen oaks, Coulter pine, or both, in upland sites in the Santa Lucia Mountains. Presently, most valley oak stands are in mature stages 5:S-D, but structural classes 1-5:S-D are presumably possible. Canopy development and plant density are variable. Only a few localized studies give quantitative data on the structure of VOW (see Griffin 1976, Conard et al. 1977).

**Duration of Stages--** Secondary succession of VOWs under natural conditions has not been studied and little opportunity exists for its study. Most surviving stands appear to be between 100 and 300 years old, and individual valley oaks may live as long as 400 years (Stern 1977). Valley oaks seem to be tolerant of flooding (Harris et al. 1980), and young trees will sprout when fire damaged (Griffin 1976). Given natural perturbations such as fire and flooding, and assuming successful regeneration of valley oaks, VOW would probably remain the climax community.

## Biological Setting

**Habitat--** VOWs in the Great Valley usually merge with Annual Grasslands or border agricultural land. Where these woodlands extend to the foothills surrounding the valley, they intergrade with Blue Oak Woodlands or Blue Oak-Foothill Pine habitats. Near major stream courses this community intergrades with Valley-Foothill Riparian vegetation. West of the Coast Range, VOWs sometimes associate with Coastal Oak Woodlands and, to a limited extent, Montane Hardwood and Coastal Scrub.

**Wildlife Considerations--** These woodlands provide food and cover for many species of wildlife. Oaks have long been considered important to some birds and mammals as a food resource (i.e., acorns and browse). Verner (1980a) reported that 30 bird species known to use oak habitats in California include acorns in their diet. An average of 24 species of breeding birds were recorded on a study plot at Ancil Hoffman Park, near Carmichael, in Sacramento County from 1971 to 1973 (Gaines 1977). The study plot was dominated by valley oaks but included some cottonwood in the canopy. Probably the most significant breeding bird species recorded was red-shouldered hawk. In decreasing order, the most common species were European starling, California quail, plain titmouse, scrub jay, rufous-sided towhee, Bewick's wren, bushtit, and acorn woodpecker. Barrett (1980) indicates that the ranges of about 80 species of mammals in California show substantial overlap with the distribution of valley oaks, and several, such as fox and western gray squirrels and mule deer, have been documented using valley oaks for food and shelter.

## Physical Setting

This habitat occurs in a wide range of physiographic settings but is best developed on deep, well-drained alluvial soils, usually in valley bottoms. Most large, healthy valley oaks are probably rooted down to permanent water supplies (Griffin 1973). Stands of valley oaks are found in deep sills on broad ridge-tops in the southern Coast Range. Where this type occurs near the coast, it is usually found away from the main fog zone (Griffin 1976). The climate is Mediterranean, with mild, wet winters and hot, dry summers.

## Distribution

Remnant patches of this habitat are found in the Sacramento Valley from Redding south, in the San Joaquin Valley to the Sierra Nevada foothills, in the Tehachapi Mountains, and in valleys of the Coast Range from Lake County to western Los Angeles County. Usually it occurs below 610 m (2000 ft), although Griffin (1976) reported a ridge-top stand at 1525 m (5000 ft) in the Santa Lucia Mountains.

## Literature Cited

- Barrett, R. H. 1980. Mammals of California oak habitats: management implications. Pages 275-291 In T. R. Plumb, tech. coord. Ecology, management, and utilization of California oaks. U.S. Dep. Agric., For. Serv. (Berkeley, Calif.), Gen. Tech. Rep. PSW-44.
- Cheatham, N. H., and J. R. Haller. 1975. An annotated list of California habitat types. Univ. of California Natural Land and Water Reserve System, unpubl. manuscript
- Conard, S., R. McDonald, and R. Holland. 1977. Riparian vegetation and flora of the Sacramento Valley. Pages 47-55 In A. Sands, ed. Riparian forests in California: their ecology and conservation. Univ. of California, Davis, Inst. of Ecol. Publ. No. 15.
- Gaines, D. A. 1977. The valley riparian forests of California: their importance to bird populations. Pages 57-85 In A. Sands, ed. Riparian forests in California: their ecology and conservation. Univ. of California, Davis, Inst. of Ecol., Publ. No. 15.
- Griffin, J. R. 1973. Xylem sap tension in three woodland oaks of central California. Ecology 54:152-159.
- Griffin, J. R. 1976. Regeneration in *Quercus lobata* savannas, Santa Lucia Mountains, California. Amer. Midl. Nat. 95:422-435.
- Griffin, J. R. 1977. Oak woodland. Pages 383-415 In M. G. Barbour and J. Major, eds. Terrestrial vegetation of California. John Wiley and Sons, New York.
- Griffin, J. R. 1980a. Animal damage to valley oak acorns and seedlings, Carmel Valley, California. Pages 242-245 In T. R. Plumb, tech. coord. Ecology, management, and utilization of California oaks. U.S. Dep. Agric., For. Serv. (Berkeley, Calif.), Gen. Tech. Rep. PSW-44.

## Item 2.1 Exhibit A

- Griffin, J. R. 1980b. Sprouting in fire-damaged valley oaks, Chews Ridge, California. Pages 216-219 In T. R. Plumb, tech. coord. Ecology, management, and utilization of California oaks. U.S. Dep. Agric., For. Serv. (Berkeley, Calif.), Gen. Tech. Rep. PSW-44.
- Harris, R. W., A. T. Leiser, and R. E. Fissell. 1980. Tolerance of oaks to flooding. Pages 238-241 In T. R. Plumb tech. coord. Ecology, management, and utilization of California oaks. U.S. Dep. Agric., For. Serv. (Berkeley, Calif.), Gen. Tech. Rep. PSW-44.
- Kuchler, A. W. 1977. Appendix: the map of the natural vegetation of California. Pages 909-938 In M. G. Barbour and J. Major, eds, Terrestrial vegetation of California. John Wiley and Sons, New York.
- Munz, P. A., and D. D. Keck. 1959. A California flora. Univ of California Press, Berkeley.
- Parker, I., and W. J. Matyas. 1979. CALVEG: A classification of Californian vegetation. U.S. Dep. Agric., For. Serv., Reg. Ecol. Group. San Francisco.
- Paysen, T. E., J. A. Derby, H. Black, Jr., V. C. Bleich, and J. W. Mincks. 1980. A vegetation classification system applied to southern California. U.S. Dep. Agric., For. Serv., (Berkeley, Calif.) Gen. Tech. Rep. PSW-45.
- Stern, K. R. 1977. The passing of the Hooker oak. *Fremontia* 512-13.
- Verner, J. 1980a. Birds of California oak habitats: management implications. Pages 246-264 In T. R. Plumb, tech. coord. Ecology, management, and utilization of California oaks. U.S. Dep. Agric., For. Serv. (Berkeley, Calif.) Gen. Tech. Rep. PSW-44.
- White, K. L. 1966. Structure and composition of foothill woodland in central coastal California. *Ecology* 47:229-237.

## ITEM 2.1 - EXHIBIT B

### ***Implementation Strategies and Guidelines:***

- I. Lower-1. Recreational uses in Lower Park should be similar to and consistent with those currently allowed in Lower Park.
- I. Lower-2. New uses and new development should be focused in currently developed areas whenever possible.
- I. Lower-3. Native oak woodlands and the riparian corridor along Big Chico Creek should be protected and preserved.
- I. Lower-4. The following modifications to circulation patterns should be considered to improve circulation in Lower Park:
- Clarify motor vehicle, pedestrian, roller-skater, cyclist and other users' roadway use rights and responsibilities for minimizing conflict;
  - Install signage that indicates whether one way or two way travel by bicycles is permitted along Petersen and South Park Drives;
  - Designate and protect local scenic corridors outside Bidwell Park whenever possible;
  - Use established and/or innovative technique to implement traffic calming measures to reduce speeds and to encourage through traffic to use alternative routes outside Bidwell Park;
  - Use aggressive enforcement to implement the speed limit.
- I. Lower-5. Dog leash laws in Lower Park should be clarified and enforced.
- I. Lower-6. An expansion of road closure times in Lower Park should be considered.
- I. Lower-7. The use of bicycles and horses by police should be encouraged.
- I. Lower-8. Enhanced access for disabled persons and senior citizens should be considered, including the feasibility of providing alternative access modes (ped-cabs, van service, etc.).
- I. Lower-9. Vehicular access should be provided to a limited number of picnic sites with off-street parking along East 8th Street (i.e., picnic sites 11 and 12).

### **3.6.1.3 CEDAR GROVE OBJECTIVES, IMPLEMENTATION STRATEGIES AND GUIDELINES**

#### ***Objectives:***

- O. CG-1. Manage the World of Trees to maintain its historic character and preserve a diversity of trees while allowing for invasive plant removal.
- O. CG-2. Ensure that uses are consistent with the Cedar Grove Area Concept Plan (Appendix G).

#### ***Implementation Strategies and Guidelines:***

- I. CG-1. The following shall be considered when implementing the Cedar Grove Area Concept Plan (Appendix G):

## ITEM 2.1 - EXHIBIT B

- Add additional paths from East 8th Street;
- Control poison oak as needed;
- Consider expanding the oak regeneration project to help shade the group picnic area. Control nonnative or invasive plants (see Appendix C, “Natural Resource Management Plan” section for a list of possible methods);
- Continue to improve sight-lines within Cedar Grove wherever possible to discourage illicit uses of the Park and improve security for Park users;
- Monitor conflicts between users and include trail improvements as needed to minimize conflict;
- Replace the East 8th Street fence with a split rail fence and create an additional pedestrian entrance;
- Improve the visibility and access to the Chico Creek Nature Center by improving directional signs;
- Consider alternate uses for the deer pen;
- Continue controlling invasive plants at Cedar Grove while allowing historic trees to have a natural existence;
- Remove the eucalyptus grove near the deer pen because of fire hazard;
- Address additional parking capacity at the Chico Creek Nature Center in any parking studies as needed.

I. CG-2. The Cedar Grove site should be periodically and efficiently inspected to assess the level of ground disturbance (i.e., vegetation, soil, erosion), other natural resources, cultural resources, and aesthetic resources, so adjustments to management and maintenance of the site may be made if/where substantial degradation of resources occurs.

I. CG-3. Impacts of special events should be monitored to ensure that the festival meadow area is not degraded.

### **3.6.1.4 ONE-MILE RECREATION AREA OBJECTIVES, IMPLEMENTATION STRATEGIES AND GUIDELINES**

#### ***Objectives:***

- O. 1M-1. Manage the One-Mile Recreation Area as a multi-use community recreational resource.
- O. 1M-2. Make the maintenance and rehabilitation of Sycamore Pool a high priority to ensure its continued availability as a community resource.

#### ***Implementation Strategies and Guidelines:***

- I. 1M-1. Possible modifications to Sycamore Pool should be considered that would provide for additional recreation opportunities while still maintaining a safe swimming environment.





## G. CEDAR GROVE AREA CONCEPT PLAN



FINAL BIDWELL PARK MASTER MANAGEMENT PLAN UPDATE



## **APPENDIX G CEDAR GROVE AREA CONCEPT PLAN**

### **INTRODUCTION**

The Cedar Grove Area is located at a key entry point into the Park, and contains Bidwell Park's only visitor center, the Chico Creek Nature Center. For many first time visitors to the Park, Cedar Grove will provide their first impressions of the Park. The planning area for the Cedar Grove Area Concept Plan is bordered by a connector path between the Tree Walk, the adjacent residential area and the paved path on the south side of Big Chico Creek to the west, the paved path on the south side of Big Chico Creek to the north, Cedar Way to the east, and East 8th street to the south. Proposed improvements are confined to the parking areas and the Grove. The area is currently used by school groups, for group picnicking, and community festivals such as the annual Endangered Species Fair and Shakespeare in the Park. Some of the existing facilities are in need of rehabilitation, expansion, or renovation in order to accommodate expanding use in the area. A conceptual plan for future improvements of the Cedar Grove Area was developed as part on the overall Master Management Plan Update and is provided below. Exhibit 1 shows the layout of the conceptual plan, while the specific elements are briefly described below.

### **SPECIFIC ELEMENTS OF THE CEDAR GOVE AREA CONCEPT PLAN**

The concept plan for the Cedar Grove area (Exhibit 1) includes rehabilitation, enhancement, and renovation of existing facilities at the site. Improvements would be made to parking, circulation, signage, lighting, and facilities, such as restrooms. The purpose of the improvements is to provide enhanced infrastructure for the area to accommodate the existing events and functions taking place in the Cedar Grove Area, such as the annual Endangered Species Fair, Shakespeare in the Park event. It would also support use of the area by individuals for picnics, hiking/ walking, nature exploration along the World of Trees Nature trail, and visiting the Big Chico Creek Nature Center. The Cedar Grove Area Concept Plan separates the overall area into two distinct use areas: the group picnic/festival meadow area and the nature center area. Although separate vehicle access points are provided, pedestrian pathways connect the two areas and a proposed overflow parking area could serve either area during high visitation events. Specific improvements proposed in each of the two areas include the following:

In the Nature Center area:

- ▶ Paving and delineation of the existing parking lot to maximize parking efficiency with 38 standard and 2 ADA parking spaces;
- ▶ Accommodation of school bus and emergency vehicle access and required turning radius;
- ▶ Planting of additional trees in/near parking area to provide shade and soften the appearance of delineated parking;
- ▶ Establishment of trail and sidewalk connections to enable access to other areas of the Park;
- ▶ Use of low barrier fencing in high use areas to direct pedestrian traffic and discourage off-trail use; and
- ▶ Establishment of an entry plaza to the Park, including an information kiosk and benches.



## ITEM 2.1 - EXHIBIT B

In the group picnic area:

- ▶ Improved access from Cedar Way;
- ▶ Paving and delineation of the existing parking lot to maximize parking efficiency with 45 standard and 4 ADA parking spaces;
- ▶ Planting of additional trees in/near parking area to provide shade and soften the appearance of delineated parking;
- ▶ Installation of electricity to provide lighting along trails during community events;
- ▶ Improvement of restrooms;
- ▶ Installation of a small playground/play structure in the group picnic area;
- ▶ Establishment of a “meadow trail” around the festival meadow;
- ▶ Use of low barrier fencing in high use areas to direct pedestrian traffic and discourage off-trail use;
- ▶ Establishment/formalization of an unpaved overflow parking area providing 48 standard spaces that would be used during major events only; and
- ▶ Establishment of an entry plaza to the group picnic area, including an informational kiosk, and benches.

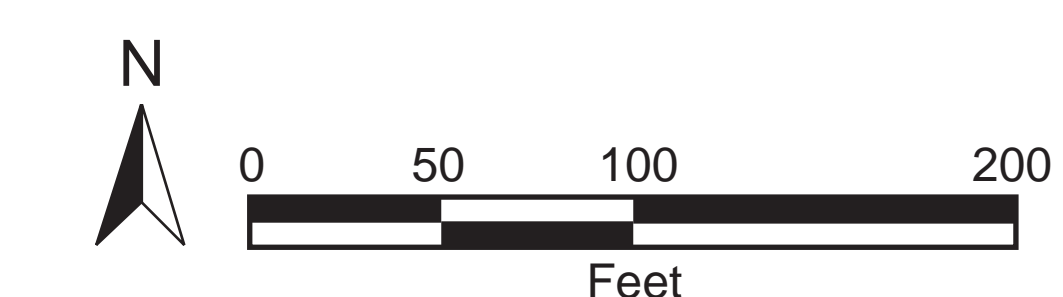


# Bidwell Park Master Management Plan

## CEDAR GROVE AREA CONCEPT PLAN



Parking/Trail Examples



March 2006

EDAW

ITEM 2.2 Exhibit B-6





DATE: 5/15/19  
TO: Bidwell Park and Playground Commission (BPPC)  
FROM: Linda Herman, Park and Natural Resources Manager  
SUBJECT: Parks Division Report

## NARRATIVE

### 1. Updates

- a. Upper Park Road Grant – Staff was notified on 5/16/19 by the State Water Resources Control Board that the City's application for a grant to make repairs and improvements to the Upper Park Road in Bidwell Park was approved. The City will receive approximately \$706,000 in grant funds and with the City's local match there will be approximately \$1 million dollars to complete the project.
- b. Crooked House – Construction of the Crooked House will begin on May 20, 2019. Construction is expected to be completed the second week of July and a section of Caper Acres, which includes Birthday Ring 2 and the Cheese play structure, will be closed during this time. The other sections of Caper Acres will remain open during construction.
- c. Peregrine Point Disc Golf– The trail delineation and split Rail fencing to protect the sensitive species has been installed at the Disc Golf course. The course will be opened to the public as soon as the area dries out from the current storms. Installation of the tee pad signs and alternate pins will continue.
- d. New Fishing Line Recycling Bins – Dan McManus donated time and materials to construct and install new fishing line recycling bins at Horseshoe Lake. The fishing line will be recycled for free by the U.S. Boating Foundation. Becki Brunelli is also helping weigh and ship the line for us. This is a great addition to the park and just in time for the Hooked on Fishing event.
- e. Trail Openings – Pine Trail and Guardian's Trail between 10 Mile House Rd and Bloody Pin are slated to be officially opened in Celebration of National Trails Day on June 1<sup>st</sup>.

### 2. 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 open 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.

### 3. Ranger and Lifeguard Programs

- a. Lifeguards - In-service training for new and returning lifeguards is scheduled for May 30<sup>th</sup>.
- b. Sworn Ranger: - Dylan Bradford joined the Park ranks on Wednesday, May 15<sup>th</sup>. Dylan is a native Chicoan and is excited to share his knowledge of Bidwell Park with others. His background includes time with Cal Fire, Civilian Conservation Corps and has held EMT certification in the past. His academy training and police field training began last July. He will round out his park field training in the weeks to come. Welcome Dylan!
- c. Ranger Retirement –Senior Ranger Lisa Barge will be departing the City in mid-June after 12 years. She has many projects and activities planned to keep her busy as she enters retirement. Lisa will be missed!

- d. Little Chico Creek Fire – A homeless camp fire occurred on Little Chico Creek near Cedar Street last Monday. Refuse and clothing were found on the bank in the aftermath. Camps in the creek areas are not atypical once the water recedes. Currently there is still water in Little Chico Creek.

#### 4. Outreach and Education

- a. Chapman Elementary Vehicle Day– Ranger James LeDonne spent a recent Friday morning sharing safety tips for students while in the park. He touched on the ranger profession and some of the perennial animal favorites that reside in the park.

#### 5. Volunteer and Donor Program

- a. Woodland Ave. Restoration Projects– Volunteers from Chico Noon Rotary, CSU, Chico and Alliance for Workforce Development staff completed the split rail fence and valley oak planting along Woodland Ave.
- b. Teichert Ponds Donation– A generous donation of \$2,010.00 was received from the New Vision Congregational United Church of Christ to be applied to the Teichert Ponds donation account.

#### c. Upcoming Volunteer Events

- i. Upward Bound Day– On June 14<sup>th</sup>, over 100 students will participate in a Bidwell Park cleanup day. The focus will be weeding in the south 1 Mile round about parking area. The Upward Bound program provides opportunities for participants to succeed in their precollege performance. Upward Bound serves: high school students from low-income families; and high school students from families in which neither parent holds a bachelor's degree. Five or Six stunts will continue working in Bidwell Park during the week in the afternoon from June 16<sup>th</sup> to July 11<sup>th</sup>.
- ii. Volunteer Calendar – To find out about upcoming volunteer events please [CLICK HERE](#) or visit [http://www.ci.chico.ca.us/general\\_services\\_department/park\\_division/volunteer\\_calendar.asp](http://www.ci.chico.ca.us/general_services_department/park_division/volunteer_calendar.asp)

## MONTHLY SUMMARY TABLES

**Table 1. Monthly Volunteer Hours**

<b>Parks and Greenway -PALS- (Partners, Ambassadors, Leaders &amp; Stewards) Volunteer Activities, April 2019</b>							
<b>Date</b>	<b>Location</b>	<b>Partner/Agency</b>	<b>Task</b>	<b># of Volunteers</b>	<b>Hrs Worked</b>	<b># of Vols Xs Hrs = Total Hrs</b>	<b>Leader</b>
various	Bidwell Park and Greenways	PALS	Parkwatch Ambassadors & Stewards	115	various	962	Chris Johnson
various	CCG	Friends of Comanche Creek Greenway	Veg. Management	1	11	11	Liz Stewart
varous	CCG	FCCG	Cleanup	1	17	17	Liz Stewart
various	CCG	FCCG	Monitoring	1	6	6	Janet Ellner
4/1/2019	Lower Park	CSUC	Veg Mgmt	56	3	168	Shane Romain
4/4/2019	Lower Park	PALS	Veg Mgmt	6	3	18	Linda Calbreath
4/6/2019	Lower Park	CAVE	Veg Mgmt	11	3	33	Ashley Turner
4/11/2019	Lower Park	CAVE	Veg Mgmt	1	3	3	Ashley Turner
4/12/2019	Comanche Creek	PALS	Gen Cleanup	9	3	27	Michael Hicks
4/13/2019	Lower Park	Chico Noon Rotary	Restoration	68	3	204	Shane Romain
4/13/2019	Lower Park	CAVE	Veg Mgmt	7	3	21	Ashley Turner
4/13/2019	Lindo Channel	Chico Community Volunteers	Gen Cleanup	50	3	150	Dan Bringolf
4/14/2019	Middle Trail	Velo Trailworks	Trails	13	4	52	Thad Walker
4/15/2019	Comanche Creek	FCCG	Monitoring	1	3	3	Emily Alma
4/16/2019	Lower PARK	Chico Jr.	Veg Mgmt	12	2	24	Ashley Turner
4/18/2019	Lower Park	CAVE	Veg Mgmt	5	3	15	Ashley Turner
4/19/2019	Lower Park	PALS	Gen Cleanup	10	3	10	Michael Hicks
4/20/2019	Old Humboldt Rd	Respect the Walls	Gen Cleanup	12	3	36	Debbie Meline
4/20/2019	Lower Park	CAVE	Veg Mgmt	11	3	33	Ashley Turner
4/25/2019	Lower Park	CAVE	Veg Mgmt	1	3	3	Ashley Turner
4/26/2019	CCG	FCCG	Restoration	1	1	1	Emily Alma
4/26/2019	Lower Park	PALS	Veg Mgmt	5	3	15	Linda Calbreath
4/26/2019	Lower Park	PALS	Gen Cleanup	7	3	21	Michael Hicks
4/26/2019	Lower Park	Achieve Charter	Veg Mgmt	36	3	108	Shane Romain
4/27/2019	CCG	FCCG	Restoration	1	3	3	Emily Alma
4/27/2019	CCG	FCCG	Trails;Restoration	10	3	30	Janet Ellner
4/27/2019	Lower Park	CAVE/Girl Scouts	Restoration	73	3	219	Richie Bamlet
4/27/2019	Lower Park	CAVE	Veg Mgmt	6	3	18	Ashley Turner
4/29/2019	Upper Park	Butte College	Gen Cleanup	8	3	24	Martin Haro
				<b>TOTAL HRS</b>		<b>2235</b>	

**Table 2. Monthly Public Permits**

Monthly Public Permits - April				
Date	Location	Organization	Event	Participant #
4/6/2019	Cedar Grove Meadow	Society for Creative Anachronism	Medieval Fools Tournament	90
04/06/19	City Plaza	Chico Toy Museum	YoYo Contest	100
04/06/19	One Mile	Innovative Health Care Services	Peg Taylor Center Popply Walk/5K Run	199
04/13/19	City Plaza	DNA Presents	Chico Comedy Festival	150
04/13/19	One Mile	The Yellow Door	8th Annual Chico Walks for Autism	1,200
04/13/19	City Plaza	Valley Oak Childrens Services	Children's Faire	700
04/14/19	Council Ring	Sunday Godsquad Meeting of AA	AA Meeting	60
04/20/19	Caper Acres	CARD	Spring Jamboree	Unk
04/21/19	Upper Park-The Cross	Life Church	Sunrise Celebration	100
04/21/19	Council Ring	Sunday Godsquad Meeting of AA	AA Meeting	60
04/27/19	One Mile	Women's Resource Center	Walk for Life	190
04/28/19	Council Ring	Sunday Godsquad Meeting of AA	AA Meeting	60
04/29/19	One Mile	National MS Society	Walk MS Fundraiser	250
<b>Totals</b>				<b>3,159</b>

**Table 3. Monthly Private Permits**

Monthly Private Permits - April		
Type	# Permits	# Participants
Private	14	694
Caper Acres	14	412
<b>Totals</b>	<b>28</b>	<b>1106</b>

**Table 4. Illegal Encampment Cleanups**

Illegal Encampment Cleanups, April 2019									
Date	Location	Coop. Org.	# of Staff	# Workers/ Vols.	Total People	Hours Worked	People Xs Hours Total	Total Debris Yrds	# of Camps
4/11/2019	Little Chico Creek	ACS	4	10	14	4	56	26	10
4/13/2019	Lindo Channel	CCW	1	30	31	4	124	14	8
4/17/2019	COCR	Friends	1	4	5	3	15	1.5	3
4/18/2019	1Mile/Vallombrosa Way	ACS	1	8	9	0.5	4.5	2	3
4/19/2013	Lower park	Friday Crew	1	7	8	2	16	4	4
4/20/2019	COCR	FOCC	1	1	2	2	4	3	3
							<b>TOTAL HRS</b>	<b>TOTAL DEBRIS YRDS</b>	<b>TOTAL CAMPS</b>
							<b>220</b>	<b>50.5</b>	<b>31</b>

**Table 5. Monthly Incidents**

04/06/2019	Upper Park	Broken Leg	Medical transport
04/16/2019	Lower Park	Car into Sycamore Pool	Removed
04/19/2019	Sycamore Pool	Fire	Extinguished
04/24/2019	Upper Park	Medical Condition	Transport
04/25/2019	Middle Park	Theft from vehicle 484(a)	Cop Logic

**Table 6. Monthly Warnings and Citations**

Violation - Warnings	Monthly			Annual		
	Total Warnings	%	Rank	Total Warnings	%	Rank
Alcohol	2	5%	5	2	1%	7
Animal Control Violations	3	7%	4	17	9%	4
Bicycle Violation	8	18%	2	27	14%	2
Glass	0	0%	6	0	0%	9
Illegal Camping	26	59%	1	103	54%	1
Injury/Destruction City Property	0	0%	6	0	0%	9
Littering	0	0%	6	3	2%	6
Other Violations	0	0%	6	16	8%	5
Parking Violations	0	0%	6	2	1%	7
Resist/Delay Park Ranger	0	0%	6	0	0%	9
Smoking	5	11%	3	20	11%	3
<b>Totals</b>	<b>44</b>	<b>100%</b>		<b>190</b>	<b>100%</b>	
<b>2019</b>						
Violation - Citations	Monthly			Annual		
	Total Citations	%	Rank	Total Citations	%	Rank
Alcohol	0	0%	3	0	0%	5
Animal Control Violations	0	0%	3	0	0%	5
Bicycle Violation	0	0%	3	0	0%	5
Glass	0	0%	3	1	9%	3
Illegal Camping	0	0%	3	0	0%	5
Injury/Destruction City Property	0	0%	3	1	9%	3
Littering	1	33%	2	2	18%	2
Other Violations	2	67%	1	7	64%	1
Parking Violations	0	0%	3	0	0%	5
Resist/Delay Park Ranger	0	0%	3	0	0%	5
Smoking	0	0%	3	0	0%	5
<b>Totals</b>	<b>3</b>	<b>100%</b>		<b>11</b>	<b>100%</b>	



## PHOTOGRAPHS



Figure 1 Achieve Charter School Volunteers



Figure 2 Redbud planting at Teichert Ponds



Figure 3 - Noon Rotary installs split rail fencing



Figure 4 – Fishing recycling bins built and installed by Dan McManus



Figure 5 - Abandoned vehicle in Sycamore Pool



Figure 6 – Staff and ORAI install split rail at PPDG





DATE: 5/16/19  
TO: Bidwell Park and Playground Commission (BPPC)  
FROM: Richie Bamlet, Urban Forest Manager  
SUBJECT: Street Trees Division Report

## NARRATIVE

1. **Updates**
  - a. UFM reviewed City tree inventory project proposals. A tentative bid award and contract negotiation will commence soon.
2. **Planning/Monitoring**
  - a. Damage Reports – UFM completed one damage report for Risk Management. The claim related to fallen limbs and vehicle damage.
3. **Planning and Building Development**
  - a. UFM reviewed two plan reviews. Comments included CMC19.68 tree preservation measures during construction to protect veteran oak trees.,
4. **Miscellaneous**
  - a. May 14<sup>th</sup> multiple Public Works crews responded to a period of stormy weather. Crews worked through the night and responded to calls throughout the day relating downed trees. See photo # showing a Silver maple that had toppled over and was resting on power lines.
5. **Maintenance**
  - a. Caper Acres tree maintenance started May 1. Richards Tree Service was contracted to do the work. Seventeen trees were pruned. Four trees were removed, including two Valley oaks and two California sycamores. See figure One of the sycamores was originally scheduled for pruning. However, upon closer inspection was found to be hollow throughout. See Figure 3.
  - b. UFM also surveyed trees situated near the proposed new Crooked House play structure. It was determined to move the footprint of the structure 5' further south. This was done to keep the new structure out of the Critical Root Zone (CRZ) of the Valley oak trees.
6. **Outreach and Education**
  - a. UFM appeared in two newspaper articles. CN&R covered the April Tree Committee meeting and the plans to update the Approved Street Tree Planting List and Master Street Plan to plan for diversity and resiliency in the urban forest. Chico Enterprise Record covered tree safety works in Caper Acres. Action News also covered Caper Acres Tree removal works.
  - b. Ongoing Arbor Day Celebrations:

In April many Arbor Day events were scheduled with CUSD, CSU, CTA and other volunteer as follows.

    - April 24<sup>th</sup> Alpha Gamma Delta planted five Pistache trees at 413 W 5<sup>th</sup> St.
    - April 25<sup>th</sup> Chico Tree Advocates planted three trees with elementary school children at Rosedale.
    - April 26<sup>th</sup> CSU Facilities Management and REACH students planted five Live oaks on 1<sup>st</sup> St.
    - April 26<sup>th</sup> Sierra View elementary school planted eleven trees with Public Works and PG&E staff.
    - April 27<sup>th</sup> Eighty CSU CAVE students, Alliance for Workforce Development (AFWD) and Chico residents helped plant fifty Valley oaks and ten Western redbuds along Woodland avenue in Bidwell park. This was the final “flag ship” event of a week-long celebration with CUSD, CSU students, utilities, residents and Chico Tree Advocates.
  - c. UFM met with citizen advocates from Redding. Advice was given regarding the drafting of a proposed Redding Tree Preservation Ordinance.

**2. Street Tree Supervisor Report**

a. The Street Tree Supervisors monthly summary data tables for April is included below:

**MONTHLY SUMMARY TABLES**

**Table 1.**

Category	Staff Hours	% of Total	% Change from Last Month	Trend
<b>Tree Crew Hours</b>				
1. Safety	80	9.4%	79.2%	
2. Tree Work	675.5	79.6%	269.4%	
3. Special Projects	29	3.4%	7.8%	
4. Admin Time/Other	64	7.5%	133.3%	
<b>Monthly Totals</b>	<b>848.5</b>	<b>100.0%</b>	<b>110.2%</b>	

**Table 2.**

Item	Values	% Change from Last Month	Trend
<b>5. Productivity</b>			
<b>Calls</b>			
Call Outs	58	111.5%	□□□□□
Service Requests: Submitted	0	-	
Service Requests: Completed	36	87.8%	□□□
Sub Total	0	-	
<b>Trees</b>			
Planted: Trees	21	-	□
Pruned	257	184.9%	□□□
Removed: Trees (smaller)		-	
Removed: Stumps	0	-	
Removed: Trees	2	33.3%	□□□
Sub Total	280	193.1%	□□□□
<b>Tree Permits (#)</b>			
Submitted	41	820.0%	□□□□
Approved	37	3700.0%	□□□□
Denied	0	-	
Total	78	1300.0%	□□□□
<b>6. Contracts</b>			
Expenditures (\$)	\$ 6,710	-	□□
<b>Trees (#)</b>			
Planted	0	-	
Pruned	0	-	
Removed: Trees (smaller)	0	-	
Removed: Stumps	0	-	
Removed: Trees	0	-	
Routine Maintenance	0	-	
Total	0	-	

### **3. Upcoming Issues/Miscellaneous:**

#### CalFire Urban and Community forestry grant:

Public Works has evaluated the proposals received for the CALFIRE Urban Forest Revitalization Project- RFP No. 2019-686-1. Municipal tree inventory, Software and GIS positioning. A final decision on a bid award should be made very soon.

## PHOTOGRAPHS



*Figure 1. Caper Acres. Two trees ringed in yellow demonstrating low crown vigor and senescence. These two trees were removed. Tree ringed in white demonstrates good health and vigor. This tree was pruned to remove end-weight See Figure 2.*





*Figure 2. Branch system ringed in red was removed to remove excessive and-weight and improve tree stability.*



*Figure 3. Extensive rot in California sycamore tree. Decision was made to remove.*





Figure 3. 1st graders at Sierra View elementary. 4/26/19. PG&E and Public Works helped the students plant eleven trees.



Figure 4. CSU Sustainability Students and City Tree crew 1<sup>st</sup> St. April 26<sup>th</sup> Five Live oaks planted





Figure 5. Team leader orientation. Arbor day planting April 27th. Sixty trees planted.



Figure 6. Commissioner Moore - Team leader and tree planter



Figure 7. CAVE students April 27th Woodland Ave.