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# CAMBRIA COMMUNITY SERVICES DISTRICT

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**Thursday, March 23, 2017 - 4:00 PM**

1000 Main Street, Cambria, CA 93428

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## AGENDA

Copies of the staff reports or other documentation relating to each item of business referred to on the agenda are on file in the Office of the District Clerk, available for public inspection during District business hours. The District Office hours are Monday - Thursday, and every other Friday from 9:00 a.m. through 4:00 p.m. Please call 805-927-6223 if you need any assistance. If requested, the agenda and supporting documents shall be made available in alternative formats to persons with a disability. The District Clerk will answer any questions regarding the agenda.

### 1. OPENING

- A. Call to Order
- B. Pledge of Allegiance
- C. Establishment of Quorum
- D. Report from Closed Session
- E. Agenda Review: Additions/Deletions

### 2. PUBLIC COMMENT ( Estimated time 30 minutes. At President's discretion additional comments may be heard at the end of the meeting.)

Members of the public may now address the Board on any item of interest within the jurisdiction of the Board but not on its agenda today. In compliance with the Brown Act, the Board cannot discuss or act on items not on the agenda. Each speaker has up to three minutes. Speaker slips (available at the entry) should be submitted to the District Clerk.

### 3. SPECIAL REPORTS (Estimated time 5 Minutes per item)

- A. Sheriff's Department Report on recent activities in Cambria
- B. PROS Chairperson Steven Kniffen to provide an update on recent PROS activities
- C. FFRP Executive Director JoEllen Butler to provide an update on recent FFRP activities
- D. BRPCC Committee Chairperson Ted Siegler to provide an update on recent committee activities

### 4. ACKNOWLEDGEMENTS AND PRESENTATIONS

- A. District Clerk to Administer the Oath of Office to SAFER Firefighter Aaron Hunt

- B. The Board will provide a Proclamation to Past President Gail Robinette

**5. MANAGER'S AND BOARD REPORTS (Estimated time 15 Minutes total)**

**A. Manager's Report**

- i. General Manager's Report

**B. Ad Hoc Committee Reports and Other Related Board Member Reports (Committee Meetings and Board authorized meetings attended)**

- i. Fire Ad Hoc Committee Report
- ii. Finance Committee Report
- iii. Infrastructure Ad Hoc Committee Report
- iv. Water Supply Committee Report

**6. CONSENT AGENDA (Estimated time: 15 Minutes)**

All matters on the consent calendar are to be approved by one motion. If Directors wish to discuss a consent item other than simple clarifying questions, a request for removal may be made. Such items are pulled for separate discussion and action after the consent calendar as a whole is acted upon.

- A. CONSIDERATION TO APPROVE THE FEBRUARY 2017 EXPENDITURE REPORT**
- B. CONSIDERATION TO APPROVE THE DRAFT MINUTES OF THE SPECIAL BOARD MEETING AND REGULAR BOARD MEETING HELD ON FEBRUARY 23, 2017**
- C. CONSIDERATION OF APPROVAL OF AMENDMENT TO COVENANT AND AGREEMENT RESTRICTING USE OF SECONDARY UNIT AT 481 PLYMOUTH STREET**

**7. REGULAR BUSINESS (Estimated time: 15 Minutes per item)**

- A. DISCUSSION AND CONSIDERATION OF ADOPTION OF RESOLUTION 11-2017 ADOPTING THE LOCAL HAZARD MITIGATION PLAN**
- B. DISCUSSION AND CONSIDERATION OF LIFTING STAGE 3 WATER SHORTAGE EMERGENCY AND IMPOSING STAGE 2 WATER SHORTAGE CONDITION**

**8. FUTURE AGENDA ITEM(S) (Estimated time: 15 Minutes)**

Requests from Board members to receive feedback, direct staff to prepare information, and/or request a formal agenda report be prepared and the item placed on a future agenda. No formal action can be taken except to direct staff to place a matter of business on a future agenda by majority vote.

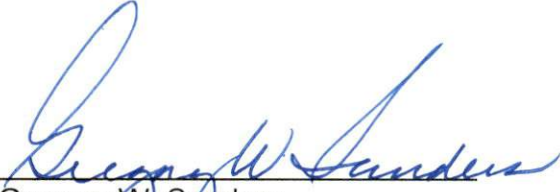
## RESOLUTION NO. 51-2010

RESOLUTION OF THE BOARD OF DIRECTORS OF  
CAMBRIA COMMUNITY SERVICES DISTRICT  
APPROVING THE PARKS RECREATION AND OPEN SPACE (PROS)  
2010 BYLAWS/GUIDELINES

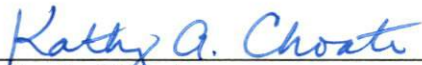
The Board of Directors of the Cambria Community Services District does hereby resolve as follows:

1. Approves the attached CCSD PROS Commission Bylaws/Guidelines.

PASSED AND ADOPTED THIS 23<sup>rd</sup> DAY OF SEPTEMBER 2010.

  
\_\_\_\_\_  
Gregory W. Sanders  
President, Board of Directors

ATTEST:

  
\_\_\_\_\_  
Kathy A. Choate  
District Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Tim Carmel  
District Counsel

*Adopted April 11, 1997  
 Revisions Adopted by CCSD Board December 15, 1997  
 Revisions Adopted by CCSD Board December 21, 1998  
 Revisions Adopted by CCSD Board October 23, 2000  
 Revisions Adopted by CCSD Board March 21, 2002  
 Revisions Adopted by CCSD Board September 23, 2010*

## **CAMBRIA COMMUNITY SERVICES DISTRICT**

### **PARKS, RECREATION & OPEN SPACE (PROS) COMMISSION BY-LAWS/GUIDELINES**

WHEREAS the needs assessment survey of 1992 documented community attitudes and interests in respect to parks, recreation, and open space for Cambria, the Cambria Community Services District Board of Directors (hereinafter the Board) that same year therefore formally recognized a volunteer community effort by creating a standing Parks, Recreation and Open Space Commission (hereafter the Commission), an appointed body under the Brown Act, to advise the Board on appropriate issues. Community priorities for parks, recreation, and open space have been set forth in the resulting PROS Master Plan adopted November 11, 1994 and the Commission is charged with seeking opportunities for realization of the goals therein.

#### **I. Statement of Purpose and Authority**

The purpose of the Commission is to serve the public with respect to parks, recreation and open space as follows:

- A. Assess existing resources and gather information regarding the parks, open space and recreational needs of the community.
- B. Establish a collaborative working relationship with relevant public and private organizations.
- C. Create plans for meeting the needs of the community within the bounds of current and potential resources.
- D. Anticipate needed funding for proposed actions and identify potential sources.
- E. Recommend plans of action to the Directors of the Cambria Community Services District regarding actions to meet the community needs for parks, recreation and open space.
- F. Facilitate communication with the residents of Cambria both to update



community priorities for parks, recreation and open space and to obtain community support for planned actions.

## II. Statement of Responsibilities

- A. Create an annual budget in consultation with the General Manager/CCSD Parks and Recreation Department staff and manage expenditures according to established guidelines.
- B. Members of the Commission and their activities are bound by all applicable provisions of the Brown Action (Government Code Sections 54950 et seq.).
- C. Members of the Commission shall not participate in discussion of, or vote on issues constituting conflicts of interest – “no public official shall make, participate in making, or in any way attempt to use his official position to influence a governmental decision in which he knows or has reason to know he has a financial interest.” (Government Code Section 87100).
- D. Members of the Commission are charged with protecting and upholding the public interest and with exhibiting the highest level of ethics in all actions.

## III. Terms of Appointments and Offices

- A. The Commission shall consist of five members with full voting privileges. The Commission shall interview applicants and forward recommendations on appointments for consideration by the Board of Directors. Commissioners shall be appointed by a majority vote of the Board of Directors.
- B. Each Commissioner shall serve a four-year term. Upon the request of a retiring commissioner, at the end of a completed term of office, with the recommendation of the PROS Commission, and at the discretion of the CCSD Board of Directors, a Commissioner may be appointed for an additional term of up to four years.
- C. Each Commissioner shall live within the Cambria Community Services District's boundaries, hold no other public office within the CCSD, and shall serve at the pleasure of the Board.
- D. The members of the Commission shall elect a Chairperson, Vice-Chairperson and Secretary. The Chairperson shall preside over meetings, appoint appropriate committees, sign reports, establish meeting agendas, and represent the Commission at the regular Board meeting. In the absence of the Chairperson, the duties of this office shall be performed by the Vice Chairperson. The terms of these offices shall be two years with elections occurring at the regular March meeting of every odd year.

- E. From the PROS recommended list of applicants, the CCSD Board of Directors may appoint up to three Alternate Commissioners who may substitute for absent members at the request of the chair. Such Alternate Commissioners may participate in any PROS activities, as directed by the Commission Chair, but shall not have vote on matters of interest to the Commission unless serving in the place of a Regular Commission Member.

#### **IV. Commission Responsibilities**

- A. Chairperson
1. Chair Commission meetings.
  2. Chair the PROS Executive Committee to include the Chairperson and Vice Chairperson.
  3. Coordinate input for agenda topics for the monthly PROS Commission meetings with CCSD Parks and Recreation Department staff.
  4. Develop an Annual Calendar of Events that includes PROS priorities, workshops as needed, and joint meetings with the CCSD Board of Directors.
  5. Appoint Ad Hoc Committees as needed.
  6. Appoint representatives to act as liaison to community groups and committees.
- B. Vice Chairperson
1. Perform the duties of the Chairperson in their absence.
  2. Coordinate preparation of PROS Priorities with the Chairperson to be submitted to the CCSD Parks and Recreation Department staff.
  3. Attend Executive Committee meetings as needed.

#### **V. Agenda Procedure**

- A. PROS Regular Meetings
1. The PROS Commission shall meet within the jurisdictional boundaries of the CCSD except in emergency.
  2. PROS Commissioners provide input on agenda to Chairperson.
  3. Chair and Vice Chair develop draft agenda with CCSD staff.
  4. CCSD staff prepares the final agenda, attachments, and emails to all PROS Commissioners. Agendas are distributed to PROS distribution list.
  5. CCSD staff posts agendas at CCSD Administrative Office, Veteran's Memorial Building, and Cambria Library.

#### **VI. Committees**

The Commission shall appoint Ad Hoc Committees as may be deemed necessary or advisable. The duties of the Ad Hoc Committee shall be outlined at the time of



appointment, and the committee shall be considered dissolved when its final report has been made.

## **VII. Commission Procedures**

- A. The Commission shall meet on the first Tuesday of each month unless otherwise publicly noticed 72 hours in advance. The Commission may call public-noticed special meetings as needed.
- B. A majority of the Commission members shall constitute a quorum.
- C. All Commission meetings shall be conducted by laws governing open meetings and public participation.
- D. The Board shall appoint Board liaison to the Commission for the purpose of improving the flow of communication between the entities.
- E. The General Manager, or their designated representative(s), shall assist the Commission as Staff to the Commission.
- F. After two consecutive unexcused absences of a Commissioner, the Commission, by a majority vote, may recommend to the Board the dismissal of said Commissioner.
- G. Should a Commissioner disrupt Commission meetings, or participate in behavior contrary to the charges and responsibilities of the Commission, the Commission, by a majority vote, may recommend to the Board the removal of said Commissioner.
- H. Commissioners desiring to resign shall submit a letter of resignation to the Commission Chairperson and this shall be forwarded to the Board.
- I. To fill a vacancy on the Commission resulting from the expiration of a regular term of office with no request for reappointment, as described in section III.B, such vacancy shall be advertised for a minimum of two weeks in the local Newspaper, and posted at all CCSD public information bulletin boards. The application period shall extend from the date of first posting the vacancy until a date four weeks following. Applications may be obtained at the CCSD Administrative Offices during normal business hours during the application period. An Ad Hoc committee of the Commission, appointed by the Chair, shall interview applicants for such vacancies and forward their recommendations to the CCSD Board of consideration.
- J. Vacancies of unexpired terms of office of regular Commission members shall be filled from among current alternate members. Such vacancy shall

be filled by appointment of an Ad Hoc Committee of the PROS Commission.

**VIII. Amendments to Bylaws/Guidelines**

The Bylaws/Guidelines may be amended by majority vote at any regular meeting of the Commission provided that written notice of the proposed changes is mailed to each member of the Commission no less than one week in advance. Changes must be approved by the Board.

## *Mission Statement & Purpose*

Friends of the Fiscalini Ranch Preserve's mission is to protect and maintain the Ranch in a natural state compatible with passive recreation, excepting the designated area on the eastern portion that will allow active recreation. FFRP is committed to the on-going restoration and protection of the habitat, and natural and cultural features of the ranch while maintaining its historic public access.

FFRP holds the conservation easement (a legal document that protects the natural resources) on the preserve for the public trust. The organization is responsible for monitoring the property for environmental, public serving, and easement compliance purposes. We review all plans for the property to safeguard this wonderful public resource.

We also help manage the property for the public by organizing volunteers to remove invasive plants, maintain trails and plant native species to help Mother Nature replenish her bounty.

FFRP organizes monthly walks with expert docents to educate the public about all aspects of the Ranch and sponsors a wildflower show each spring that displays over 500 specimens.

We raise funds from public and private sources and also provide a forum and vehicle for public input and direction on the management of the preserve.

Our Accomplishments include: Working with the CCSD on trail projects to improve accessibility to all; Installing and maintaining donor benches; Native planting programs and invasive plant removal to reestablish native habitat; Hosting the annual Cambria Wildflower Show; Coordinating monthly docent led walks on the Ranch; Participation in the Cambria Forest Committee; Providing input and significant changes to the Ranch's Environmental Impact Report and related environmental studies.

Friends of the Fiscalini Ranch Preserve is a 501(c)3 nonprofit organization. FFRP's Board members serve 1- to 3-year terms. If you would like to become more active with the Ranch, perhaps you will consider becoming a Board member. We need some additional caring, dedicated and hard working directors to help shoulder the load and guide the future of this special property. If you are interested, first join FFRP, volunteer some time, and let us know you'd like to be considered for a director's seat.



**CAMBRIA COMMUNITY SERVICES DISTRICT**  
**BOARD OF DIRECTORS SPECIAL MEETING MINUTES**  
 Friday, April 8, 2016 10:00 AM

**1. OPENING****A. Call to Order**

President Robinette called the meeting to order at 10:01 a.m.

**B. Pledge of Allegiance**

President Robinette led the Pledge of Allegiance.

**C. Establishment of Quorum**

Board of Directors present: President Robinette, Vice-President Thompson, Director Bahringer, Director Rice, and Director Sanders.

Staff present: District Counsel Timothy Carmel, and Administrative Services Officer/District Clerk Monique Madrid

**2. PUBLIC COMMENT**

None

**3. REGULAR BUSINESS****A. Discussion and Consideration of the Responsibilities of the BRP Citizens' Committee and Appointment of Committee Members**

District Counsel Timothy Carmel introduced the item and gave a brief overview, advising that this meeting is set to allow the Directors to appoint Committee Members and to identify the tasks for which the Committee will be responsible. Staff feels that SLO County needs to be involved and the County has agreed to provide a staff member to assist the Committee.

**Public Comment:  
None**

Vice-President Thompson suggested that alternates also be appointed at the next meeting in the event the appointees are not able to attend.

Director Bahringer moved that we appoint our primary Members of the Committee and direct our appointees to empanel an Alternate that we recommend at their first meeting.

Director Sanders seconded the motion.

**Roll Call Vote:**

Director Bahringer-Aye

Director Sanders-Aye

Director Rice-Aye

Vice-President Thompson-Aye

President Robinette-Aye

**Motion Passed Unanimously, 5- Ayes, 0-No's, 0-Absent**

Directors Nominees:

Director Sanders: Crosby Swartz  
 Vice-President Thompson: Mel McCulloch  
 President Robinette: Mark Rochefort  
 Director Bahringer: Ted Seigler  
 Director Rice: Alison Groves

Director Rice moved to approval of the five Nominees of each Board Member.  
 Director Bahringer seconded the motion.

**Roll Call Vote:**

Director Rice-Aye  
 Director Bahringer-Aye  
 Director Sanders-Aye  
 Vice President Thompson-Aye  
 President Robinette-Aye

**Motion passed unanimously- 5-Ayes, 0-No's, 0-Absent**

Director Sanders suggested a discussion of the scope of work be held by the Directors.

A discussion followed and consensus was reached regarding the scope of work for the Committee with the following suggestions:

1. Financing:
2. Seek ways to reduce the cost: taking into account Special Project Areas 1 & 2.
3. Identify what is a building site.
4. Long term maintenance commitments and costs and level of maintenance necessary.
5. Length of the Committee and number of meetings required to prepare their recommendations to the Board of Directors, possibly 60-90 days.
6. Clear end result received from the Committee, advisory in nature. Two questions. Will the BRP meet the mitigation measures of the EIR and fulfill the needs of the CCSD? What are the funding possibilities in priority order?
7. Adequate staffing: provide funding to hire someone to take minutes and provide other clerical tasks.
8. Possibly Michael Baker Intl. may need additional funding to attend meetings and provide some technical information and assistance. Ask the General Manager bring a recommendation back to the next agenda.
9. Record the meetings.
10. Identify how many buildable sites are there now.
11. Ask the Land Conservancy be invited to attend meetings.

Director moved to ask Committee to evaluate the current Program to ensure it meets the mitigation goals and policies for the district and how do we fund such a program. No second.  
 Motion died

**Public Comment:**

Crosby Swartz

4. **ADJOURN:** President Robinette adjourned the meeting at 11:00 a.m.

<sup>12</sup>  
CAMBRIA COMMUNITY SERVICES DISTRICT

TO: Board of Directors

AGENDA NO. **5.A.**

FROM: Jerry Gruber, General Manager

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Meeting Date: March 23, 2017

Subject: MANAGER'S REPORT

There were 7 Public Record Requests received since February 23, 2017 by the following citizens. The listing below is representative of the request and does not necessarily reflect the extensive nature of each request.

2/23/2017: Elizabeth Bettenhausen 1) A copy of the CCSD's Application for Permit to Discharge Brine (including all attachments) and the laboratory analysis. 2) A copy of any contract or other form of official agreement on this matter between CCSD and SSLOCSD.

2/23/2017: Matt Fountain 1) W-2's for the General Manager from Pre-2009 Years. 2) Total Compensation for General Manager Jerry Gruber for the 2016 calendar year. 3) How much is budgeted/projected for total compensation for General Manager Jerry Gruber for the 2017 calendar year.

2/22/2017: Diane Scaife 1) Is the SWF going to be made permanent to relieve Cambria of drought situation so the wait list will open? 2) Do we have any information on when the wait list will open? Do we wait for the County or do we have input? 3) Does a buyback program for vacant lots exist? 4) Average Rainfall for 2016?

3/5/2017: Gregg Berge 1) Copies of all written requests made by Gregg Allen Berge to the CCSD for formal determination that sewer is "unavailable" to his three subject properties (APN Nos. 023-383-041, 024-262-036, and 024-182-043) as required under the California Uniform Plumbing Code (Sections 713.0 through 713.6). This formal determination is required prior to the approval and acceptance of a OWTS private individual disposal system (IPDS) by either the County of San Luis Obispo acting under the existing MOU between them (county) and the Central Coast Regional Water Board (Note: The CCSD acting in the capacity as Agency with Jurisdiction over the Heath Lane wastewater treatment plant). The determination that sewer is unavailable with sewer fronting would also be based on any known governmental constraint under CCSD Code, state code, or county code of record as it's basis of unavailability. 2) Copies of CCSD Municipal Code ordinances, resolutions, restrictions, and/or policies of record that prohibit sewer availability to the three subject assessor parcel numbers referenced above as owned by Gregg and Denise Berge.

3/17/2017: Elizabeth Bettenhausen 1) January – February 2017 Utility Billing Summary Pages

3/17/2017: Thomas Coons 1) How much income do we receive each billing cycle from water/sewer bills? 2) What percent of the income is spent on maintenance per year?

3/17/2017: Thomas Coons 1) How many water/sewage connections do we have in Cambria?

I will be discussing the following items as part of my General Manager's Report:

Update on the drought status as requested by the CCSD Board of Directors during the January meeting.

Update on items submitted to the County from CCSD Departments due to recent storm events. The CCSD could be eligible for 75% reimbursement once the claims are evaluated and submitted to the State OES.

Update on Wastewater Treatment Facility, Infrastructure Ad-Hoc Committee, Wastewater CIP, and PowerPoint showing before and after pictures of Wastewater Treatment Plant, overall condition of facility.

<sup>13</sup>  
Please see Infrastructure Ad-Hoc Committee Meeting Agenda for March 8, 2017. Please note next Infrastructure Ad-Hoc Committee meeting is scheduled for Tuesday March 21, 2017.

Update on meetings with various Ad-Hoc Committees throughout the month.

Update on brine disposal to South County Sanitation District. Signed agreement between both agencies is in place.

Update on LHMP – Local Hazard Mitigation Plan. CCSD Board of Directors to discuss item as part of this March 23, 2017 meeting.

Update on licensing of both the Santa Rosa and San Simeon Permits and letter to the SWRCB.

Update on Bio-Mass Facility, specifically correspondence with All Power Labs, conversation and update with the Cambria Fire Safe Focus Group.

Update on status of Notices of Violation from the RWQCB regarding the Sustainable Water Facility and Impoundment Basin. See attached response due March 1, 2017 from the CCSD to the RWQCB regarding corrective actions.

Update on Fiscal Year 2017/2018 Budget Development Schedule. Please see attached schedule.

Update on Balance Public Relations March 2017 Status Report.

I attended the following meetings since the last CCSD Board of Directors Meeting: These meetings are not all inclusive and do not include meetings with staff on numerous CCSD related matters or site visits.

Tuesday, February 21, 2017 - conference call with CDM Smith to discuss NOVs, Sustainable Water Facility, Impoundment Basin and Reports to RWQCB.

Tuesday, February 21, 2017 - staff meeting to discuss NOVs, Sustainable Water Facility and the Impoundment Basin.

Thursday, February 23, 2017 - CCSD Board of Directors monthly meeting.

Monday, February 27, 2017 - Fire Ad-Hoc Committee.

Tuesday, February 28, 2017 - meeting with community stakeholders, County Public Works, CCSD staff and Cal Trans to discuss localized flooding on Main Street, Veterans Hall Parking Lot, American Legion Facility and Santa Rosa Creek Road adjacent to Impoundment Basin.

Wednesday, March 1, 2017 - conference call with MBI regarding EIR. Water Supply Ad-Hoc Committee was also present.

Tuesday, March 2, 2017 - conference call with Senator Florez.

Monday, March 6, 2016 - met with Fire Ad-Hoc Committee, CCSD Fire Chief, CCHD Property Ad-Hoc Committee, CCHD Administrator and Operation Officer.

Tuesday, March 7, 2017 - met with State Parks.

Wednesday, March 8, 2017 - met with Infrastructure Ad-Hoc Committee and CCSD Staff at the Wastewater Treat Plant. Agenda attached as part of General Manager's Report.

Wednesday, March 8, 2017 - attended Fire Safe Focus Group.

Thursday, March 9, 2017 - Special CCSD Board of Directors Meeting to review and discuss the Audit and Mid-Year Budget adjustment for Fiscal Year 2016/2017.

*Department Reports:*

**ADMINISTRATION:**

*Human Resources:*

Many of our managers and supervisors have attended some very valuable training recently. Their respective certificates are attached. Great job everyone!

*Information Technology:*

We sent out an RFP for Information Technology support services on Tuesday, March 7, 2017. We hope to get a number of responses.

*Commissions and Committees:*

Chairmen Steve Kniffen and Ted Siegler are providing an update for their respective Commission and Committee as part of the Board's request to have CCSD Commissions and Committees provide quarterly updates.

In addition, we have invited the Friends of the Fiscalini Ranch Preserve Executive Director, JoEllen Butler, to also provide a quarterly update to the CCSD Board of Directors.

**FACILITIES AND RESOURCES:**

**1. Fiscalini Ranch Preserve:**

- a. Trails:
  - i. Due to recent storms 1/3 of the trail system on the Ranch was closed.
    - 1. About 40 trees came down on or around trails.
      - a. Staff opened up trails on the forest loop trail due to downed trees.
      - b. Middle forest trail continues to be closed.
      - c. Staff cut/chipped and hauled away 3 large Monterey pines on east part of Fiscalini Ranch.
    - 2. Friends of the Fiscalini Ranch and CCSD have been working together to make repairs.
      - a. Trail on East Fiscalini Ranch has been reopened.
        - i. Bridge platform that was washed away has been repaired.
        - ii. Eucalyptus tree that was blocking drainage was removed and chipped.
      - b. 5 tons of red rock were brought in to fill an erosion hole in the middle of trail.
- b. Fire Department Training:
  - i. Cambria Fire Department hosted a chainsaw training class on March 1.
    - 1. Dead Monterey pines and eucalyptus saplings were cut and chipped.
- c. Trails Maps:
  - i. 10,000 trails maps have been ordered.
    - 1. These trails maps are very popular with visitors to the Ranch. They provide information on Fiscalini Ranch and all other parks in Cambria.
    - 2. PROS pays for these trail maps each year from their budget.

**2. Community Park:**

- a. District Counsel, Civil Design Studios and staff have been working on updating the bid packet.



**3. Set up for meetings :**

- a. Facilities and Resources staff assisted in set up of the following town meetings at Vets Hall:
  - i. February 23<sup>rd</sup> CCSD Board Meeting
  - ii. March 2<sup>nd</sup> Local Hazardous Mitigation Workshop
  - iii. March 9<sup>th</sup> Special Board Meeting
  - iv. March 23<sup>rd</sup> CCSD Board Meeting

**4. Vets Hall:**

- a. 25 Events were held at the Vets Hall since the last Board Meeting.
  - i. Those events included: Chamber of Commerce Western Dance, Coast Union Reverse Drawing, PROS meeting and CCSD Meetings.

**5. Ranch Manager attended the following meetings.**

- a. February 28<sup>th</sup>: Caltrans, County, American Legion, Chamber of Commerce/ Flooding on East Village and Pinedorado grounds
- b. March 2<sup>nd</sup> :Friends of the Fiscalini Ranch Board Meeting
- c. March 7<sup>th</sup>: PROS Meeting

**ENGINEER:**

Key activities since the February 23, 2017 Board meeting report have included:

- Storm Water at San Simeon Creek Road

A field meeting was held with SLO County representatives Cherie McKee and Scott Duffield on 2/28/2017, who reviewed the area where storm water had crossed over San Simeon Creek Road from properties north of the evaporation pond during the January 2017 series of storms. As follow up to this meeting, the County is planning to grade the north shoulder of San Simeon Creek Road, which would then route storm water to an existing culvert located under San Simeon Creek Road, which is to the east of Van Gordon Creek Road. This work is tentatively scheduled to occur after April 1, 2017, and will be subject to favorable weather and soil conditions.

- Sustainable Water Facility (SWF):
  - The SWF has remained off line since December 23, 2016.
  - A February 2017 non-operational self-monitoring report for the Title 22 permit was submitted to the Water Board on March 8, 2017.
  - Daily emails have been issued to Water Board staff reporting the measured freeboard of the impoundment basin, as well as other related information on the CCSD's activities. As of March 15, 2017, the pond's freeboard was at 23.75 inches, which is 10.45 inches higher than allowed for in the Water Board's Title 27 permit.
  - Staff submitted a draft and updated response on February 28, 2017 and March 1, 2017, to the Water Board's 2/9/2017 Notice of Violation, which had requested various technical responses. The technical responses covered:
    - A plan and schedule to bring the evaporation pond into compliance, including lowering the water surface of the pond to ensure it has adequate freeboard.
    - A plan and associated schedule for conducting a hydrologic evaluation and related engineering controls to permanently address the storm water.

- A plan and schedule to train CCSD staff on the pond's Title 27 permit requirements, monitoring, operations, and related procedures. This also includes measures to deal with an infestation of gophers.
    - Copies of inspection logs.
    - A plan to accurately measure and check markers used on the pond liner to determine the pond water surface elevation. This will include the use of a licensed surveyor to ensure accuracy.
  - An agreement was executed with Terrain Group Inc. to assist with surveying at the impoundment basin, which includes assistance with improving upon measuring the impoundment depth, as well as improving upon the temporary drainage measures that were made during January 2017 to divert storm water around the impoundment. The drainage improvements will include shaping, installing an impervious channel lining, and improving upon the grade of the temporary trenching around the basin.
  - Development of responses to written comments received on the draft Subsequent EIR (SEIR) are in progress.
  - A revised land use permit application was submitted to County Planning on February 27, 2017.
- Permit Counter:
 

So far this year, two (2) Transfers of Position have been processed, eight (8) Voluntary Lot Mergers, and eleven (11) Remodel Applications have been reviewed and processed.
- CIP Planning and Updating
 

Staff completed an update to planned Wastewater Department Capital Improvement Projects, which was reviewed in draft form with the Infrastructure Ad-Hoc Committee on March 8, 2017. Work is continuing in updating such planning, which will also include proposed Water and SWF projects.
- Miscellaneous Water and Wastewater Plant Projects and Repairs:
  - Influent Screen. Design work is in progress by Carollo Engineers for a platform to support the new influent screen at the wastewater treatment plant. Or-Tec, the screen manufacturer, is currently fabricating the new screen, and has tentatively scheduled March 27, 2017 for its shipping date to the wastewater treatment plant. Our goal is to have this installed during the fourth quarter of the current fiscal year following informal bidding for its installation.
  - Lift Station B-1. Lift station B-1 is below Burton Drive, and located on a small CCSD-owned parcel next to the hardware store in Tin City. A landslide along Burton Drive, which occurred during the February 2017 storms, has impacted the lift station. This resulted in a request for funds for the station's relocation from the County Office of Emergency Services staff, who are working with FEMA. As of the date of this staff report, (3/15/2017), confirmation is pending on whether this will qualify for possible 75% funding. The cost to relocate this lift station away from the slide is estimated to be approximately \$250,000 to \$300,000.

- Miscellaneous:
  - Staff submitted comments to the County on their Biennial 2014-2016 Resource Summary Report on March 15, 2017. These comments were limited to sections pertaining to water supply, and were reviewed with the Water Supply Ad-Hoc committee during a March 14, 2017 meeting. The recommended revisions include reducing the Water Supply Level of Severity from Level III to none, which is based on implementing Water Conservation Program B described in the December 15, 2016 Urban Water Management Plan, and projects completed during 2014 in response to the drought.
  - Staff met with local State Parks representatives on March 7, 2017 to review right of entry needs to support CCSD water and wastewater operations. A follow up right of entry is currently being prepared to solely cover CCSD staff access to existing monitoring well SS-4, which has been occurring since the early 1980s. Other right of entry needs remain to be resolved.
  - Please welcome Adam Steventon, our newest Water Department operator, who started work on March 1, 2017. We greatly look forward to working with Adam.

Well Level reports from February 27, 2017 readings are attached, and are also being made available for review on the District's website at [www.cambriacsd.org](http://www.cambriacsd.org)

## **FIRE:**

### Prevention and Education

- 00 Residential rough/hydro inspections were completed
- 00 Hydrant pressure tests completed
- 01 Fire final inspections
- 01 Residential site visits for building questions
- 06 Fire plan reviews
  - 634 Ashby Lane
  - 6905 Jordon Road
  - 6180 Moonstone Beach Drive
  - 371 Weymouth Street
  - 1890 Tweed Avenue
  - 2187 Andover Place
- 01 Engine company commercial fire and life safety inspections were conducted
- 04 Public education events
- 03 Residential smoke/carbon monoxide detectors were installed and or the batteries changed
- 06 Contacts with people regarding fire prevention questions
- 03 Fire Engine and Station tours

### Meetings and Affiliations

- SLO County Chief's meeting February 1st, 0900 Shell Beach
- Twin Cities Hospital Base meeting February 9th, 0830 Twin Cities Hospital
- LHMP meeting February 9th, 1000 Station 57
- CCHD admin meeting February 9th, 1530 CCHD office
- Estero Bay Chief's meeting February 14th, 1100 Cayucos
- Public Service Webinar Training February 15th, 0900 Station 57
- CCFPA meeting February 16th, 0900 Station 21
- Sierra Vista Hospital meeting February 22nd, 0900 Sierra Vista Hospital
- CCSD board meeting February 23rd, 1230 Vet's Hall

- Fire Ad Hoc meeting February 27th, 1000 Admin
- Cal Trans meeting February 28th, 1000 Vet's Hall

### Operations and News

- Training hours: 263.5, Training for the month of February was primarily focused on the following topics:
  - Ocean Rescue
  - Cliffside Rescue
  - Traction Splinting
  - CPR/AED Refresher
  - Chain Saw
- We completed the Reserve Firefighter testing, training academy starts March 13
- We participated in Go Red For Women event each Friday at local Farmer's Market
- We hosted S-212, Chain Saw Course
- We are in the final stages of the triennial Fire Code adoption. We go before SLO County Board of Supervisors on March 21st for final approval

### WASTEWATER:

#### Wastewater Treatment Plant Operations

- This month we have had a lot of unexpected water coming into the plant due to the continued rains. Two stand-by pumps have been on hand for most of the month. We are now able to handle the flow with one pump, so the second pump is no longer on rent.
- Thank you for approving the request to purchase a 6 inch pump in place of renting. We are looking forward to getting the new pump on site in March.
- The trailer under the sludge conveyer is working out very well. Liberty Composting is able to replace the trailer with an empty trailer the day after it fills. This is working out very well for the District and allows staff to operate the sludge press year round.
- We have had the operations building painted on the inside and have a new desk to support the SCADA computers and screens.
- So far the trees that have fallen around the plant have not damaged much property.
- We have replaced the effluent flow meter here at the plant and had the influent flow meter re-scaled to match the flows.

#### Collection Systems & Lift Stations

- A new manhole and 3 inch lift has been purchased for lift station A and we plan to have it installed in March.
- We have started an ongoing campaign to locate the source of all the water getting into the collection system Vis I&I. Lift station B-3 has a river flowing over it and it too will be lifted and a new cover installed.
- Fallen trees in the collection system will need to be removed when the rains have stopped and have not damaged any of the lift stations.

#### Laboratory:

- Abalone Coast continued to provide the services of a certified laboratory analyst for those analyses that are reported to the state. At this point Amanda is calibrating the online pH meter on a monthly basis.

<sup>19</sup>  
**Administrative:**

- I need to recognize that staff has pulled together to find problem areas in the system that need attention now. Delon, Tim and Jay have been lead on finding areas that need attention now and are working on making repairs.
- Toni has been doing very well here at the plant and will start taking on-call duties in March.
- Delon, Tim and Toni attended the confined space training this month.

**WATER:**

1. The new Fiscalini water tank was completed and put online.
2. The Sustainable Water Facility (SWF) has remained off line. The Water Department has been completing various repairs and maintenance on the SWF while it is off line, and is also collecting samples from monitoring wells.
3. Water Dept. Staff continue to monitor the SWF Impoundment basin. Daily monitoring includes: measuring pond freeboard, the number of birds present, weather, fencing, and liner condition. Each week, any water that has accumulated in between the layers of liner material is pumped out, measured, analyzed, and pumped into the basin. The protocol for pumping from the pond's LCRS and lysimeter monitoring wells was changed during February to pump until there is no longer any water available to pump. Past practice was to stop pumping after 20 minutes. The amount of water pumped, its PH, and its temperature is logged.
4. Staff has started to perform "Spring Cleaning" at well sites. Including weed whacking and mowing of the Liemert, SR4 and Stuart St. locations.
5. Tough Automation has continued to provide specialized support services to the Water Dept. The rain events of February triggered some malfunctions of the SCADA system. On some occasions wells or pumps were operated manually by Water Dept. staff until Tough Automation was called out and able to diagnose and fix the problem.
6. Water Dept. Supervisor Jason Buhl attended eight adult school night classes. One four-night course was an introduction to Microsoft. The other four-night course was on Excel spread sheets. Both classes were very beneficial and he has already had opportunities to utilize the skills learned in these classes. Jason also attended two management training courses. The first four-day training course, Regional Supervisor's Academy, was very informative. Jason reported he has already begun to implement what was learned, and has received positive results and feedback from department staff.
7. Water Production for February, 2017 totaled 33.18 ac. ft. Production from the San Simeon well field was 18.84 ac. ft., and Santa Rosa creek aquifer production was 14.33 ac. ft. Last year for February a total of 34.30 ac. ft. was produced. Currently well levels are high and holding steady with both creeks running into the ocean.
8. For the month of February, 2017, the Water Dept. received zero complaints of bad tastes or odors in the water. Some low pressure was experienced on the upper portion of Lodge Hill on the day the new Fiscalini tank was put online. Except for that one day, there were no complaints of low pressure throughout the system.



9. Water Dept. staff responded to 38 locate or read meter requests. 48 high usage or possible leaks on customer's side of meter were responded to. Staff completed nine retro-fit inspections and fifteen U.S.A. locations. Only one leak in the distribution system occurred, and it was repaired.
10. Water Dept. Staff worked to remove mud that accumulated near the Heath Lane firehouse at the request of Fire Dept. Captain Daniel McCrain. Water Dept. also dug 30ft. of trench for a future French drain for the Heath Lane firehouse.
11. Based on a request from the transit agency, Water Dept. staff also repaired several pot holes in Heath Lane and in the parking area in front of the firehouse.

Attachments: Finance Managers Report  
Fire Statistics  
Production and well graphs  
Regional Supervisors Academy Graduates Flyer

- John Allchin
- Jason Buhl

S.T.A.R.T. Academy Graduates Flyer

- Jason Buhl
- Haley Dodson

Microsoft Office 2016 Applications Certificate

- Jason Buhl

Microsoft Excel 2016 Certificate

- Jason Buhl

CCSD Response due 3/1/2017 to RWQCB  
FY 17-18 Budget Development Schedule  
Balance Public Relations Status Report March 2017

**BOARD OF DIRECTORS' MEETING – MARCH 23, 2017**  
**ADDENDUM TO GENERAL MANAGER'S REPORT**  
**FINANCE MANAGER'S REPORT**

**ADMINISTRATION**

**BUDGET FY 2015/2016**

- A Fiscal Year 2015/2016 Budget was adopted on June 25, 2015. A financial audit of transactions during Fiscal Year 2015/16 was completed by an independent auditor (Crosby Company CPA) and the results were reported to the Board and the public at the Special Board meeting held March 9, 2017.

**BUDGET FY 2016/2017**

- The Fiscal Year 2016/2017 Budget was adopted at the regular Board meeting on June 23, 2016.
- Activity for the first half of the year (July 1, 2016 through December 31, 2016) was provided at the regular Board meeting on January 19, 2017.

At the regular Board meeting on March 9, 2017, the Board adopted an amended budget for the Wastewater Department that results in a deficit for the year of \$232,071. The proposed budget amendments for all other departments and funds were referred back to the Budget Committee for further review.

**EXPENDITURES OVER \$100,000**

There were no expenditures exceeding \$100,000 during February 2017.

**WATER/WASTEWATER USAGE AND BILLING**

The chart on the next page reflects usage and billing through January/February 2017. The CCF billed for January/February were 6.6% higher than the amounts billed the previous year and 65% of the amount billed in 2012/2013. The revenue realized from Water sales was \$128,127 more than billed the previous year due to the rate increase in March 2016. It should be noted that there was a net of \$32,441 in penalties collected in 2016 that were not collected in 2017.

<b>CCSD WATER SALES HISTORY</b>							
3/7/2017							
<b>FY 12/13</b>	<u>JUL/AUG</u>	<u>SEP/OCT</u>	<u>NOV/DEC</u>	<u>JAN/FEB</u>	<u>MAR/APR</u>	<u>MAY/JUN</u>	<u>CUMULATIVE</u>
BASE	102,586	102,672	102,722	102,809	102,906	102,915	616,610
USAGE	278,488	210,933	146,434	151,971	173,955	229,755	1,191,536
ADJUSTMNTS	877	97	1,527	673	809	946	4,929
TOTAL CASH	381,951	313,702	250,683	255,453	277,670	333,616	1,813,075
<b>CCF</b>	<b>61,407</b>	<b>51,098</b>	<b>40,051</b>	<b>40,943</b>	<b>44,201</b>	<b>54,173</b>	291,873
<b>USAGE \$/CCF</b>	<b>4.54</b>	<b>4.13</b>	<b>3.66</b>	<b>3.71</b>	<b>3.94</b>	<b>4.24</b>	
<b>FY 13/14</b>	<u>JUL/AUG</u>	<u>SEP/OCT</u>	<u>NOV/DEC</u>	<u>JAN/FEB</u>	<u>MAR/APR</u>	<u>MAY/JUN</u>	<u>CUMULATIVE</u>
BASE	102,895	102,793	102,784	102,907	102,885	102,755	617,019
USAGE	288,512	192,906	137,197	129,137	97,979	99,313	945,044
EWS BASE							
EWS USAGE							
ADJUSTMNTS	2,215	2,404	2,222	553	(157)	(17,035)	(9,798)
PENALTIES/SURCHARGES					70,706	46,779	117,485
TOTAL CASH	393,622	298,103	242,203	232,597	271,413	231,812	1,669,750
<b>CCF</b>	<b>63,113</b>	<b>47,345</b>	<b>38,827</b>	<b>36,576</b>	<b>24,917</b>	<b>25,500</b>	236,278
<b>USAGE \$/CCF</b>	<b>4.57</b>	<b>4.07</b>	<b>3.53</b>	<b>3.53</b>	<b>3.93</b>	<b>3.89</b>	
<b>FY 15/16</b>	<u>JUL/AUG</u>	<u>SEP/OCT</u>	<u>NOV/DEC</u>	<u>JAN/FEB</u>	<u>MAR/APR</u>	<u>MAY/JUN</u>	<u>CUMULATIVE</u>
BASE	102,935	102,730	102,828	102,864	115,313	115,127	641,797
USAGE	124,569	116,096	101,617	92,773	211,292	249,393	895,740
EWS BASE	61,874	61,792	62,098	61,882	61,161	61,244	370,051
EWS USAGE	83,654	79,869	71,071	66,124	74,753	88,395	463,866
EWS OPS		36,864	49,964				86,828
ADJUSTMNTS	(3,964)	(49,726)	(23,276)	(34,172)	(31,637)	(12,410)	(155,185)
PENALTIES/SU	127,290	82,583	50,674	66,613	-	-	327,160
TOTAL CASH	496,358	430,208	414,976	356,084	430,882	501,749	2,630,257
<b>CCF</b>	<b>33,441</b>	<b>32,633</b>	<b>27,147</b>	<b>24,968</b>	<b>27,603</b>	<b>34,043</b>	179,835
<b>% OF FY 12-13</b>	<b>54%</b>	<b>64%</b>	<b>68%</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	
<b>USAGE \$/CCF</b>	<b>3.73</b>	<b>3.56</b>	<b>3.74</b>	<b>3.72</b>	<b>7.65</b>	<b>7.33</b>	
<b>EWS \$/CCF</b>	<b>2.50</b>	<b>2.45</b>	<b>2.62</b>	<b>2.65</b>	<b>2.71</b>	<b>2.60</b>	
<b>FY 16/17</b>	<u>JUL/AUG</u>	<u>SEP/OCT</u>	<u>NOV/DEC</u>	<u>JAN/FEB</u>	<u>MAR/APR</u>	<u>MAY/JUN</u>	<u>CUMULATIVE</u>
BASE	115,161	115,251	115,479	115,359			461,250
USAGE	271,877	226,322	217,595	203,642			919,436
EWS BASE	61,236	61,269	61,559	61,320			245,384
EWS USAGE	97,713	80,307	76,385	71,449			325,854
EWS OPS		34,571	80,163	-			114,734
ADJUSTMNTS	(5,760)	(552)	(913)	(3,871)			(11,096)
PENALTIES/SU	-	-					-
TOTAL CASH	540,227	517,168	550,268	447,899			2,055,562
<b>CCF</b>	<b>37,484</b>	<b>31,242</b>	<b>28,230</b>	<b>26,611</b>			123,567
<b>% OF FY 12-13</b>	<b>61%</b>	<b>61%</b>	<b>70%</b>	<b>65%</b>			
<b>USAGE \$/CCF</b>	<b>7.25</b>	<b>7.24</b>	<b>7.71</b>	<b>7.65</b>			
<b>EWS \$/CCF</b>	<b>2.61</b>	<b>2.57</b>	<b>2.71</b>	<b>2.68</b>			

The chart below shows how actual CCFs billed in fiscal years 2013/14, 2014/15, 2015/16 and 2016/17 compare to what was billed in fiscal year 2012/13. Fiscal year 2012/13 usage is the base year used by the State of California to measure District progress in complying with water reduction guidelines.

<b>WATER USAGE BILLED COMPARED TO FISCAL YEAR 2012/2013</b>						
	<u>JUL/AUG</u>	<u>SEP/OCT</u>	<u>NOV/DEC</u>	<u>JAN/FEB</u>	<u>MAR/APR</u>	<u>MAY/JUN</u>
<b><i>FY 2012/2013</i></b>	<b><i>61,407</i></b>	<b><i>51,098</i></b>	<b><i>40,051</i></b>	<b><i>40,943</i></b>	<b><i>44,201</i></b>	<b><i>54,173</i></b>
<b><i>FY 2013/2014</i></b>	<b><i>63,113</i></b>	<b><i>47,345</i></b>	<b><i>38,827</i></b>	<b><i>36,576</i></b>	<b><i>24,917</i></b>	<b><i>25,500</i></b>
<b><i>Note 1</i></b>	<b><i>103%</i></b>	<b><i>93%</i></b>	<b><i>97%</i></b>	<b><i>89%</i></b>	<b><i>56%</i></b>	<b><i>47%</i></b>
<b><i>FY 2014/2015</i></b>	<b><i>31,592</i></b>	<b><i>28,764</i></b>	<b><i>23,723</i></b>	<b><i>23,967</i></b>	<b><i>28,899</i></b>	<b><i>28,229</i></b>
<b><i>Note 2</i></b>	<b><i>51%</i></b>	<b><i>56%</i></b>	<b><i>59%</i></b>	<b><i>59%</i></b>	<b><i>65%</i></b>	<b><i>52%</i></b>
<b><i>FY 2015/2016</i></b>	<b><i>33,441</i></b>	<b><i>32,633</i></b>	<b><i>27,147</i></b>	<b><i>24,968</i></b>	<b><i>27,603</i></b>	<b><i>34,043</i></b>
<b><i>Note 3</i></b>	<b><i>54%</i></b>	<b><i>64%</i></b>	<b><i>68%</i></b>	<b><i>61%</i></b>	<b><i>62%</i></b>	<b><i>63%</i></b>
<b><i>FY 2016/2017</i></b>	<b><i>37,484</i></b>	<b><i>31,242</i></b>	<b><i>28,230</i></b>	<b><i>26,611</i></b>		
<b><i>Note 4</i></b>	<b><i>61%</i></b>	<b><i>61%</i></b>	<b><i>70%</i></b>	<b><i>65%</i></b>		

***Note 1: Each FY 2013/2014 billing cycle compared to same billing cycle in FY 2012/2013***  
***Note 2: Each FY 2014/2015 billing cycle compared to same billing cycle in FY 2012/2013***  
***Note 3: Each FY 2015/2016 billing cycle compared to same billing cycle in FY 2012/2013***  
***Note 4: Each FY 2016/2017 billing cycle compared to same billing cycle in FY 2012/2014***

The chart below shows how actual CCFs billed in fiscal years 2014/15, 2015/16 and 2016/17 compare to what was billed in fiscal year 2013/14. Rate increases effective March 1, 2016 were based on the assumption that water consumption would be 70% of water consumption in fiscal year 2013/14.

<b>WATER USAGE BILLED COMPARED TO FISCAL YEAR 2013/2014</b>						
	<u>JUL/AUG</u>	<u>SEP/OCT</u>	<u>NOV/DEC</u>	<u>JAN/FEB</u>	<u>MAR/APR</u>	<u>MAY/JUN</u>
<b><i>FY 2013/2014</i></b>	<b><i>63,113</i></b>	<b><i>47,345</i></b>	<b><i>38,827</i></b>	<b><i>36,576</i></b>	<b><i>24,917</i></b>	<b><i>25,500</i></b>
<b><i>FY 2014/2015</i></b>	<b><i>31,592</i></b>	<b><i>28,764</i></b>	<b><i>23,723</i></b>	<b><i>23,967</i></b>	<b><i>28,899</i></b>	<b><i>28,229</i></b>
<b><i>Note 1</i></b>	<b><i>50%</i></b>	<b><i>61%</i></b>	<b><i>61%</i></b>	<b><i>66%</i></b>	<b><i>116%</i></b>	<b><i>111%</i></b>
<b><i>FY 2015/2016</i></b>	<b><i>33,441</i></b>	<b><i>32,633</i></b>	<b><i>27,147</i></b>	<b><i>24,968</i></b>	<b><i>27,603</i></b>	<b><i>34,043</i></b>
<b><i>Note 2</i></b>	<b><i>53%</i></b>	<b><i>69%</i></b>	<b><i>70%</i></b>	<b><i>68%</i></b>	<b><i>111%</i></b>	<b><i>134%</i></b>
<b><i>FY 2016/2017</i></b>	<b><i>37,484</i></b>	<b><i>31,242</i></b>	<b><i>28,230</i></b>	<b><i>26,611</i></b>		
<b><i>Note 3</i></b>	<b><i>59%</i></b>	<b><i>66%</i></b>	<b><i>73%</i></b>	<b><i>73%</i></b>		

***Note 1: Each FY 2013/2014 billing cycle compared to same billing cycle in FY 2012/2013***  
***Note 2: Each FY 2014/2015 billing cycle compared to same billing cycle in FY 2012/2013***  
***Note 3: Each FY 2015/2016 billing cycle compared to same billing cycle in FY 2012/2013***  
***Note 4: Each FY 2016/2017 billing cycle compared to same billing cycle in FY 2012/2014***

## WASTEWATER REVENUE

The chart below shows actual Wastewater revenue for fiscal years 2013, 2014, 2015, 2016 and 2017.

<b>CCSD WASTEWATER REVENUE HISTORY</b>							
3/7/2017							
<b>FY 12/13</b>	<b>JUL/AUG</b>	<b>SEP/OCT</b>	<b>NOV/DEC</b>	<b>JAN/FEB</b>	<b>MAR/APR</b>	<b>MAY/JUN</b>	<b>CUMULATIVE</b>
TOTAL	353,040	333,530	314,016	316,887	322,690	339,547	1,979,710
BASE	248,975	248,931	248,991	249,061	248,917	248,880	1,493,755
USAGE	104,065	84,599	65,025	67,826	73,773	90,667	485,955
<i>PERCENT REVENUES COMPARED TO JUL/AUG 2013:</i>							
	100%	81%	62%	65%	71%	87%	
<b>FY 13/14</b>	<b>JUL/AUG</b>	<b>SEP/OCT</b>	<b>NOV/DEC</b>	<b>JAN/FEB</b>	<b>MAR/APR</b>	<b>MAY/JUN</b>	<b>CUMULATIVE</b>
TOTAL	356,678	327,765	312,334	309,020	288,655	288,937	1,883,389
BASE	249,916	249,111	249,098	249,489	249,415	249,153	1,496,182
USAGE	106,762	78,654	63,236	59,531	39,240	39,784	387,207
<i>REVENUES COMPARED TO SAME PERIOD FY 12/13</i>							
TOTAL %	101%	98%	99%	98%	89%	85%	
USAGE %	103%	93%	97%	88%	53%	44%	
<b>FY 14/15</b>	<b>JUL/AUG</b>	<b>SEP/OCT</b>	<b>NOV/DEC</b>	<b>JAN/FEB</b>	<b>MAR/APR</b>	<b>MAY/JUN</b>	<b>CUMULATIVE</b>
TOTAL	298,877	291,469	286,650	287,225	292,401	291,940	1,748,562
BASE	250,263	250,012	249,984	250,198	249,261	250,349	1,500,067
USAGE	48,614	41,457	36,666	37,027	43,140	41,591	248,495
<i>REVENUES COMPARED TO SAME PERIOD FY 12/13</i>							
TOTAL %	85%	87%	91%	91%	91%	86%	
USAGE %	47%	49%	56%	55%	58%	60%	
<b>FY 15/16</b>	<b>JUL/AUG</b>	<b>SEP/OCT</b>	<b>NOV/DEC</b>	<b>JAN/FEB</b>	<b>MAR/APR</b>	<b>MAY/JUN</b>	<b>CUMULATIVE</b>
TOTAL	297,892	296,385	292,464	289,964	305,052	318,932	1,800,689
BASE	250,403	249,841	250,429	250,500	214,599	214,989	1,430,761
USAGE	47,489	46,544	42,035	39,464	90,453	103,943	369,928
<i>REVENUES COMPARED TO SAME PERIOD FY 12/13</i>							
TOTAL %	84%	89%	93%	92%	95%	94%	
USAGE %	46%	55%	65%	58%	123%	115%	
<b>FY 16/17</b>	<b>JUL/AUG</b>	<b>SEP/OCT</b>	<b>NOV/DEC</b>	<b>JAN/FEB</b>	<b>MAR/APR</b>	<b>MAY/JUN</b>	<b>CUMULATIVE</b>
TOTAL	328,858	311,453	308,180	302,595			1,251,086
BASE	215,451	215,464	215,866	215,540			862,321
USAGE	113,407	95,989	92,314	87,055			388,765
<i>REVENUES COMPARED TO SAME PERIOD FY 12/13</i>							
TOTAL %	93%	93%	98%	95%			
USAGE %	109%	113%	142%	128%			

## EXPENDITURES FOR THE SUSTAINABLE WATER FACILITY

The District has undertaken the development of a Sustainable Water Facility system in response to the worst drought in California history which resulted in a declared Stage 3 Drought Emergency. \$12,910,109 in expenditures for the EWS project have been authorized by the CCSD Board of Directors. Those expenditures include the following:

CDM SMITH: ENGINEERING, PRECONSTRUCTION PERMITTING AND ENVIRON SVCS	2,786,818
CDM CONSTRUCTORS: DESIGN/BUILD	7,366,742
GENERAL COSTS	433,747
OTHER PROFESSIONAL SERVICES	560,699
<b>TOTAL PLANT DESIGN/BUILD EXPENDITURES</b>	<b>11,148,006</b>
REGULAR COASTAL DEVELOPMENT PERMIT	1,350,080
PLANT START-UP EXPENDITURES	412,023
<b>TOTAL AUTHORIZATIONS</b>	<b>12,910,109</b>

Total commitments made to-date, in the form of issued purchase orders, equal \$10,315,160. These relate to Task Orders in the following way:

\$ 174,495	Task Order 1: Hydroeological Modeling
299,601	Task Order 2: Preconstruction Engineering (Phase 1)
920,084	Task Order 3: Preconstruction Services (Phase 2)
499,941	Task Order 4: Engineering, Permitting, Purchase Assistance
584,607	Task Order 5: Permitting and Environmental
308,090	Task Order 6: Permitting and Environmental
161,600	Task Order 7: Completion of an Updated Tracer Study
105,000	Task Order 8: EIR Support
<u>\$ 3,053,418</u>	Total CDM Smith
6,647,919	Design/Build Contract
511,602	Change Order 1
123,953	Change Order 2
83,268	Change Order 3
<u>\$ 7,366,742</u>	Total CDM Constructors
\$ 10,420,160	Total CDM Smith and CDM Constructors

Invoices paid through February 2017 to CDM Smith, the Sustainable Water Facility Project's primary design/build contractor, equal \$2,820,483.

Invoices paid through February 2017 to CDM Contractors Inc., the Sustainable Water Facility Project's primary builder, equal \$7,366,742.

Total expenditures to all vendors through February 2017 equal \$11,855,492.

### **CASH BALANCES**

CCSD maintains one account with the State of California Local Agency Investment Fund (LAIF) and the following five accounts at Heritage Oaks Bank:

- a payroll account;
- an account for operation of the Veteran's Hall;
- an account for medical benefits for employees;
- a main checking account; and
- a money market account.

CCSD pools all of its cash for all of its funds so, other than restricted funds, no cash asset is held for any specific fund. It should be noted that when the pooling method is used, a fund may overdraw its account in the pool. These overdrafts are reported as liabilities with a corresponding receivable (due to/from other funds) on the balance sheet.

The first three accounts shown above are restricted funds which are not available for use in other areas. However, the last two accounts are unrestricted and are available, along with LAIF, as part of the "pooled" cash of CCSD.

Revenues and expenditures fluctuate significantly from month to month and therefore the most appropriate comparison of available cash balances is at the end of the fiscal year on June 30<sup>th</sup>. Final balance amounts in the Water and Wastewater funds are determined after all other fiscal year activity is recorded, reconciled and audited. Audited cash balances on June 30, 2016 were as shown below. It should be noted that the 2014 and 2015 loans to the Water Fund were to support expenditures for the Sustainable Water Facility construction and those loans were repaid when the Prop 84 grant was received in December 2015.

<b>CCSD FINANCIAL AUDIT JUNE 30, 2016</b>			
<u>FUND</u>	<u>CASH BALANCE</u>	<u>INTERFUND LOAN</u>	<u>CASH POSITION</u>
GENERAL FUND	4,234,000	(466,777)	3,767,223
WATER FUND	1,091,011	-	1,091,011
WASTEWATER FUND	(466,777)	466,777	-
<b>TOTAL</b>	<b>4,858,234</b>	<b>0</b>	<b>4,858,234</b>

## CCSD CURRENT CASH POSITION AND PROJECTION

Cash balances on February 28, 2017 were \$3,607,731 as shown below. However, there were \$247,548 in checks issued but still outstanding at the end of the month which leaves only \$3,360,183 in cash actually available.

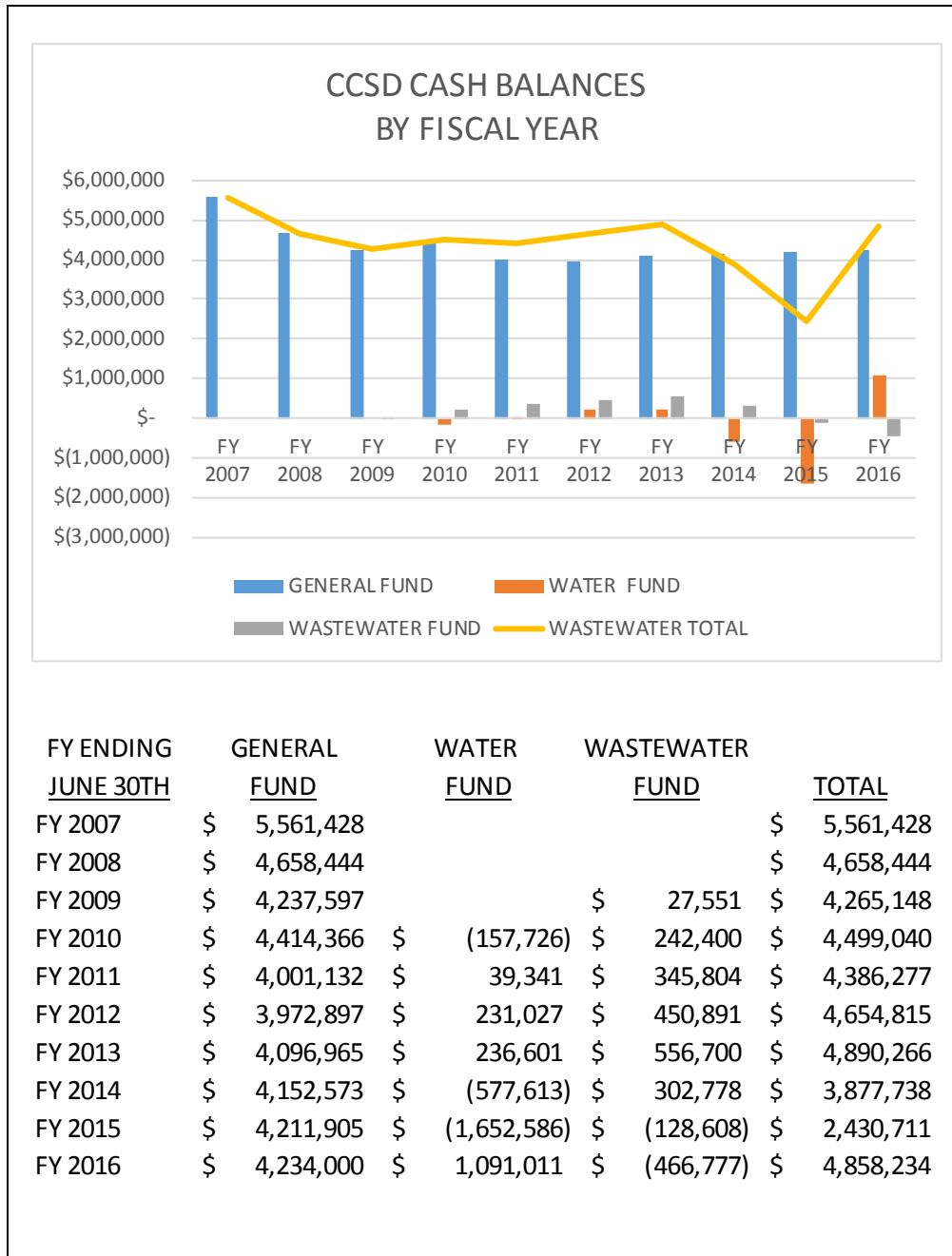
<b>CCSD CASH POSITION</b>	
<b>FEBRUARY 28, 2017</b>	
HOB CHECKING BALANCE	\$525,295
HOB MONEY MARKET BALANCE	\$506,435
LAIF BALANCE	<u>\$2,576,001</u>
TOTAL CASH	\$3,607,731
OUTSTANDING CHECKS	<u>(247,548)</u>
<b>AVAILABLE CASH</b>	<u><u>\$3,360,183</u></u>

The cash flow projection for Cambria Community Services District for the Fiscal Year 2016-2017 is shown on the next page.



<b>CCSD CASH FLOW PROJECTION 3/1/17 THROUGH 6/30/17 SUMMARY</b>			
	<u>Total</u>	<u>SWF</u>	<u>All Other</u>
Balance 3/1/17	3,360,183	1,465,617	1,894,566
Projected Cash Received	3,091,933	-	3,091,933
Projected Cash Expended	3,949,189	1,054,617	2,894,572
<b>Projected "Net Cash Flow"</b>	<b>(857,256)</b>	<b>(1,054,617)</b>	<b>197,361</b>
Projected Cash Balance 6/30/17	2,502,927	411,000	2,091,927
<b>CCSD CASH FLOW PROJECTION 3/1/17 THROUGH 6/30/17 SUMMARY</b>			
	<u>Total</u>	<u>SWF</u>	<u>All Other</u>
<b>Balance 3/1/17</b>	<b>3,360,183</b>	<b>1,465,617</b>	<b>1,894,566</b>
<b>Projected Cash Receipts 2/1/17 thru 6/30/17</b>			
WATR SALES	685,667		685,667
WTR STANDBY FEES	53,400		53,400
WATER WAIT LIST	-		-
WATER LOAN	-		-
AWTP SALES	302,333		302,333
AWTP OPS SALES	-		-
SWF GRANTS	219,113		219,113
WW SALES	680,000		680,000
WW STANDBY FEE'	35,700		35,700
PROPERTY TAX	836,490		836,490
FIRE BENEFIT	132,804		132,804
SAFER GRANT	47,628		47,628
FRANCHISE FEE	24,400		24,400
OTHER	74,398		74,398
<b>Total Cash Received</b>	<b>3,091,933</b>	<b>-</b>	<b>3,091,933</b>
<b>Projected Expenditures 3/1/17 thru 6/30/17</b>			
WAGES	1,482,964		1,482,964
OPS: FIRE	78,731		78,731
OPS: F&R/PROS	67,478		67,478
OPS: ADMIN	184,661		184,661
OPS: WATER	260,920		260,920
OPS: WASTEWTR	211,142		211,142
AWTP OPS	-		-
AWTP CCR	48,900		48,900
DEBT	295,113		295,113
DISPATCH	38,000		38,000
FISCALINI TANK	-		-
SANTA ROSA CR PROJ	-		-
SWF EIR MITIGATN/REG PERMIT	613,069	1,054,617	(441,548)
CAPITAL PROJECTS	668,212		668,212
<b>Total Cash Expended</b>	<b>3,949,189</b>	<b>1,054,617</b>	<b>2,894,572</b>
<b>Projected Cash Balance 6/30/17</b>	<b>2,502,927</b>	<b>411,000</b>	<b>2,091,927</b>

The following chart and table show audited cash balances in the three funds on June 30<sup>th</sup> of each fiscal year for the last ten years.



**DISTRICT DEBT SUMMARY****LONG TERM DEBT**

<u>FUND</u>	<u>DEBT</u>		<u>ORIGINAL</u> <u>PRINCIPAL</u>	<u>ISSUE</u> <u>DATE</u>	<u>AMOUNT</u>	<u>FINAL</u>	<u>INT</u> <u>RATE</u>	<u>ANNUAL</u> <u>PAYMENT</u>
	<u>HOLDER</u>	<u>PURPOSE</u>			<u>DUE</u> <u>6/30/16</u>	<u>PAYMENT</u> <u>DATE</u>		
Water	Note 1	Note 1	\$ 8,939,000	8/11/14	\$ 8,485,573	8/1/34	4.11%	\$ 659,426
Wtr/WW	Note 2	Note 2	\$ 1,585,000	3/23/11	\$ 1,085,000	9/23/23	4.55%	\$ 161,985

**SHORT TERM DEBT**

<u>FUND</u>	<u>DEBT</u>		<u>ORIGINAL</u> <u>PRINCIPAL</u>	<u>ISSUE</u> <u>DATE</u>	<u>AMOUNT</u>	<u>FINAL</u>	<u>INT</u> <u>RATE</u>	<u>ANNUAL</u> <u>PAYMENT</u>
	<u>HOLDER</u>	<u>PURPOSE</u>			<u>DUE</u> <u>6/30/16</u>	<u>PAYMENT</u> <u>DATE</u>		
Various	Note 3	Note 3	\$ 102,000	11/1/12	\$ 26,736	4/1/17	3.25%	\$ 26,736
Various	Note 4	Note 4	\$ 53,611	10/30/13	\$ 27,727	11/20/17	3.50%	\$ 14,596
General	Note 5	Note 5	\$ 31,350	7/31/13	\$ 13,063	7/30/18	0.00%	\$ 6,270
General	Note 6	Note 6	\$ 32,612	2/26/16	\$ 30,603	1/26/21	3.50%	\$ 7,645

**INTERNAL LOAN**

In Fiscal Year 2009-2010, the Water Fund borrowed \$166,000 from the General Fund to pay a required match on a grant from the Army Corps of Engineers. \$157,726 of that loan has been outstanding since June 30, 2010.

**NOTES**

- Note 1. Borrowed from Western Alliance Bank to finance construction of the Sustainable Water Facility.
- Note 2. Borrowed from City National Bank to refund 1999 Water and Wastewater bonds.
- Note 3. Borrowed from City National Bank to purchase 4 vehicles and 1 copier.
- Note 4. Borrowed from Morton Revocable Trust for two trucks.
- Note 5. Borrowed from John Deere Financial for a tractor.
- Note 6. Borrowed from Ford Motor Credit for a truck.





**2017**  
**CAMBRIA COMMUNITY SERVICES DISTRICT**  
**GROSS WATER PRODUCTION, BY SOURCE**  
**REPORTED IN ACRE-FEET**

YEAR	SOURCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	YEAR
<b>2004</b>	S.S.	55.83	51.40	58.56	64.33	67.98	52.62	47.04	39.68	41.06	34.80	49.30	49.92	612.52	<b>2004</b>
	S.R.	0.00	0.61	1.17	4.84	8.68	22.08	30.80	36.30	27.32	24.95	1.73	1.63	160.11	
	<b>SS &amp; SR TOTAL</b>	<b>55.83</b>	<b>52.01</b>	<b>59.73</b>	<b>69.17</b>	<b>76.66</b>	<b>74.70</b>	<b>77.84</b>	<b>75.98</b>	<b>68.38</b>	<b>59.75</b>	<b>51.03</b>	<b>51.55</b>	<b>772.63</b>	
<b>2003</b>	S.S.	52.73	49.97	57.35	58.32	62.82	68.22	65.05	63.34	58.91	67.08	56.20	48.84	708.83	<b>2003</b>
	S.R.	0.70	1.11	0.48	0.94	1.84	5.63	19.77	22.04	16.00	6.58	3.12	5.84	84.05	
	<b>SS &amp; SR TOTAL</b>	<b>53.43</b>	<b>51.08</b>	<b>57.83</b>	<b>59.26</b>	<b>64.66</b>	<b>73.85</b>	<b>84.82</b>	<b>85.38</b>	<b>74.91</b>	<b>73.66</b>	<b>59.32</b>	<b>54.68</b>	<b>792.88</b>	
<b>2002</b>	S.S.	54.43	52.23	60.70	65.43	60.75	55.13	66.79	73.35	66.59	62.03	56.36	53.98	727.77	<b>2002</b>
	S.R.	1.28	1.27	1.10	1.11	14.82	22.79	19.54	9.67	3.52	4.02	2.04	0.55	81.71	
	<b>SS &amp; SR TOTAL</b>	<b>55.71</b>	<b>53.50</b>	<b>61.80</b>	<b>66.54</b>	<b>75.57</b>	<b>77.92</b>	<b>86.33</b>	<b>83.02</b>	<b>70.11</b>	<b>66.05</b>	<b>58.40</b>	<b>54.53</b>	<b>809.48</b>	
<b>2001</b>	S.S.	56.16	48.05	55.92	60.69	73.30	77.51	85.01	78.50	53.45	56.21	48.16	52.29	745.25	<b>2001</b>
	S.R.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.78	21.08	16.87	8.06	0.89	52.68	
	<b>SS &amp; SR TOTAL</b>	<b>56.16</b>	<b>48.05</b>	<b>55.92</b>	<b>60.69</b>	<b>73.30</b>	<b>77.51</b>	<b>85.01</b>	<b>84.28</b>	<b>74.53</b>	<b>73.08</b>	<b>56.22</b>	<b>53.18</b>	<b>797.93</b>	
<b>2000</b>	S.S.	56.41	50.43	55.27	65.40	70.84	73.60	85.00	84.68	73.30	65.60	58.49	59.80	798.82	<b>2000</b>
	S.R.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	<b>SS &amp; SR TOTAL</b>	<b>56.41</b>	<b>50.43</b>	<b>55.27</b>	<b>65.40</b>	<b>70.84</b>	<b>73.60</b>	<b>85.00</b>	<b>84.68</b>	<b>73.30</b>	<b>65.60</b>	<b>58.49</b>	<b>59.80</b>	<b>798.82</b>	
<b>1999</b>	S.S.	56.40	45.26	52.16	57.40	70.43	71.35	85.41	82.68	69.45	68.04	57.78	57.69	774.05	<b>1999</b>
	S.R.	0.01	0.01	0.01	0.04	0.02	0.07	0.01	0.02	0.32	0.02	0.00	0.00	0.53	
	<b>SS &amp; SR TOTAL</b>	<b>56.41</b>	<b>45.27</b>	<b>52.17</b>	<b>57.44</b>	<b>70.45</b>	<b>71.42</b>	<b>85.42</b>	<b>82.70</b>	<b>69.77</b>	<b>68.06</b>	<b>57.78</b>	<b>57.69</b>	<b>774.58</b>	
<b>1998</b>	S.S.	44.39	46.36	47.00	50.53	56.43	63.43	77.75	80.30	68.35	66.58	54.06	52.13	707.31	<b>1998</b>
	S.R.	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.09	0.01	0.00	0.00	0.00	0.16	
	<b>SS &amp; SR TOTAL</b>	<b>44.40</b>	<b>46.37</b>	<b>47.01</b>	<b>50.54</b>	<b>56.43</b>	<b>63.44</b>	<b>77.76</b>	<b>80.39</b>	<b>68.36</b>	<b>66.58</b>	<b>54.06</b>	<b>52.13</b>	<b>707.47</b>	
<b>1997</b>	S.S.	50.61	49.20	65.66	68.65	76.18	79.14	82.31	57.02	37.32	27.50	38.96	45.96	678.51	<b>1997</b>
	S.R.	0.02	0.08	0.02	0.02	0.02	0.02	0.38	25.92	31.54	36.85	12.41	0.01	107.29	
	<b>SS &amp; SR TOTAL</b>	<b>50.63</b>	<b>49.28</b>	<b>65.68</b>	<b>68.67</b>	<b>76.20</b>	<b>79.16</b>	<b>82.69</b>	<b>82.94</b>	<b>68.86</b>	<b>64.35</b>	<b>51.37</b>	<b>45.97</b>	<b>785.80</b>	
<b>1996</b>	S.S.	46.66	43.40	47.39	56.95	66.18	70.83	75.70	77.27	68.23	65.58	50.37	49.43	717.99	<b>1996</b>
	S.R.	0.01	0.03	0.03	0.03	0.03	0.01	0.03	0.02	0.01	0.02	0.02	0.02	0.26	
	<b>SS &amp; SR TOTAL</b>	<b>46.67</b>	<b>43.43</b>	<b>47.42</b>	<b>56.98</b>	<b>66.21</b>	<b>70.84</b>	<b>75.73</b>	<b>77.29</b>	<b>68.24</b>	<b>65.60</b>	<b>50.39</b>	<b>49.45</b>	<b>718.25</b>	
<b>1995</b>	S.S.	41.30	41.10	47.10	52.14	53.50	59.00	74.70	74.10	65.40	64.70	55.30	47.60	675.94	<b>1995</b>
	S.R.	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	
	<b>SS &amp; SR TOTAL</b>	<b>43.20</b>	<b>41.10</b>	<b>47.10</b>	<b>52.14</b>	<b>53.50</b>	<b>59.00</b>	<b>74.70</b>	<b>74.10</b>	<b>65.40</b>	<b>64.70</b>	<b>55.30</b>	<b>47.60</b>	<b>677.84</b>	
<b>1994</b>	S.S.	47.00	38.60	48.60	52.00	54.60	63.40	69.30	47.80	31.70	30.80	28.20	26.00	538.00	<b>1994</b>
	S.R.	0.00	0.00	0.00	0.00	0.10	0.00	0.00	25.00	30.20	27.70	21.20	19.90	124.10	
	<b>SS &amp; SR TOTAL</b>	<b>47.00</b>	<b>38.60</b>	<b>48.60</b>	<b>52.00</b>	<b>54.70</b>	<b>63.40</b>	<b>69.30</b>	<b>72.80</b>	<b>61.90</b>	<b>58.50</b>	<b>49.40</b>	<b>45.90</b>	<b>662.10</b>	
<b>1993</b>	S.S.	50.10	45.70	52.60	56.30	68.30	68.80	68.10	69.80	59.80	56.10	51.40	43.50	690.50	<b>1993</b>
	S.R.	0.50	0.30	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	
	<b>SS &amp; SR TOTAL</b>	<b>50.60</b>	<b>46.00</b>	<b>52.60</b>	<b>56.30</b>	<b>68.40</b>	<b>68.80</b>	<b>68.10</b>	<b>69.80</b>	<b>59.80</b>	<b>56.10</b>	<b>51.40</b>	<b>43.50</b>	<b>691.40</b>	
<b>1992</b>	S.S.	45.30	42.20	45.90	55.20	64.00	58.10	44.90	41.80	35.00	32.80	34.00	43.10	542.30	<b>1992</b>
	S.R.	0.80	0.30	0.10	0.40	0.50	6.10	22.70	28.10	26.30	25.10	19.50	5.50	135.40	
	<b>SS &amp; SR TOTAL</b>	<b>46.10</b>	<b>42.50</b>	<b>46.00</b>	<b>55.60</b>	<b>64.50</b>	<b>64.20</b>	<b>67.60</b>	<b>69.90</b>	<b>61.30</b>	<b>57.90</b>	<b>53.50</b>	<b>48.60</b>	<b>677.70</b>	
<b>1991</b>	S.S.	26.90	23.10	32.70	39.60	48.60	44.10	40.10	34.80	30.50	28.00	26.40	30.10	404.90	<b>1991</b>
	S.R.	15.30	13.10	0.50	0.10	0.10	5.50	15.00	21.60	20.20	21.00	19.70	18.70	150.80	
	<b>SS &amp; SR TOTAL</b>	<b>42.20</b>	<b>36.20</b>	<b>33.20</b>	<b>39.70</b>	<b>48.70</b>	<b>49.60</b>	<b>55.10</b>	<b>56.40</b>	<b>50.70</b>	<b>49.00</b>	<b>46.10</b>	<b>48.80</b>	<b>555.70</b>	

**2017**  
**CAMBRIA COMMUNITY SERVICES DISTRICT**  
**GROSS WATER PRODUCTION, BY SOURCE**  
**REPORTED IN ACRE-FEET**

YEAR	SOURCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	YEAR
<b>1990</b>	S.S.	45.70	47.00	55.28	44.75	31.46	32.34	40.00	38.00	31.91	31.40	29.40	29.90	457.14	<b>1990</b>
	S.R.	8.70	0.80	0.50	18.03	32.30	26.79	22.30	22.20	20.64	20.20	19.30	14.90	206.66	
	<b>SS &amp; SR TOTAL</b>	<b>54.40</b>	<b>47.80</b>	<b>55.78</b>	<b>62.78</b>	<b>63.76</b>	<b>59.13</b>	<b>62.30</b>	<b>60.20</b>	<b>52.55</b>	<b>51.60</b>	<b>48.70</b>	<b>44.80</b>	<b>663.80</b>	
<b>1989</b>	S.S.	51.00	47.90	53.90	61.90	57.20	62.20	69.20	60.90	36.30	38.70	42.60	40.60	622.40	<b>1989</b>
	S.R.	0.00	0.00	0.00	1.00	13.80	13.50	17.90	28.00	42.00	22.60	17.60	18.20	174.60	
	<b>SS &amp; SR TOTAL</b>	<b>51.00</b>	<b>47.90</b>	<b>53.90</b>	<b>62.90</b>	<b>71.00</b>	<b>75.70</b>	<b>87.10</b>	<b>88.90</b>	<b>78.30</b>	<b>61.30</b>	<b>60.20</b>	<b>58.80</b>	<b>797.00</b>	
<b>1988</b>	S.S.	51.20	57.90	63.20	47.30	57.40	44.20	50.00	51.70	41.90	37.40	27.40	36.00	565.60	<b>1988</b>
	S.R.	0.00	0.00	0.00	16.30	15.70	30.70	31.20	34.90	36.00	34.90	35.20	19.00	253.90	
	<b>SS &amp; SR TOTAL</b>	<b>51.20</b>	<b>57.90</b>	<b>63.20</b>	<b>63.60</b>	<b>73.10</b>	<b>74.90</b>	<b>81.20</b>	<b>86.60</b>	<b>77.90</b>	<b>72.30</b>	<b>62.60</b>	<b>55.00</b>	<b>819.50</b>	

2/27/17

CAMBRIA COMMUNITY SERVICES DISTRICT  
WELL WATER LEVELS FOR 2/27/17

Well Code	Distance Ref. Point to Water Level	Reference Point Distance Above Sea Level	Depth of Water to Sea Level	Remarks
<b>SANTA ROSA CREEK WELLS</b>				
23R	27.18	83.42	56.24	
SR4	24.80	82.00	57.20	
SR3	18.32	54.30	35.98	
SR1	16.03	46.40	30.37	
RP#1	15.59	46.25	30.66	
RP#2		33.11		Not Read
21R3	7.76	12.88	5.12	39019
WBE	11.45	16.87	5.42	
WBW	11.89	17.02	5.13	
AVERAGE LEVEL OF CCSD SANTA ROSA WELLS SR1 & SR3 =				33.18 FEET
<b>CCSD SANTA ROSA WELL SR4 =</b>				<b>57.20 FEET</b>

**SAN SIMEON CREEK WELLS**

16D1	6.99	11.36	4.37	
MW4	10.93	15.95	5.02	
MW1	5.48	42.11	36.63	
MW2	6.99	38.10	31.11	
MW3	9.31	49.56	40.25	
9M1	10.55	65.63	55.08	
9P2	7.88	19.11	11.23	
9P7	4.93	20.69	15.76	
9L1	10.27	27.33	17.06	
RIW	9.44	25.41	15.97	
SS4	12.32	25.92	13.60	<b>SS4 to 9P2 Gradient = + 2.37</b>
MIW	9.91	29.89	19.98	
SS3	12.65	33.73	21.08	
SS2	11.35	33.16	21.81	
SS1	10.98	32.37	21.39	
11B1	17.57	105.43	87.86	
11C1	12.20	98.20	86.00	
PFNW	11.56	93.22	81.66	
10A1	23.03	78.18	55.15	
10G2	17.91	62.95	45.04	
10G1	16.20	59.55	43.35	
10F2	24.11	66.92	42.81	
10M2	21.29	55.21	33.92	
9J3	14.54	43.45	28.91	
lagoon	19.65			mitigation erosion none

**AVERAGE LEVEL OF CCSD SAN SIMEON WELLS SS1,SS2 & SS3 = 21.43 FEET**

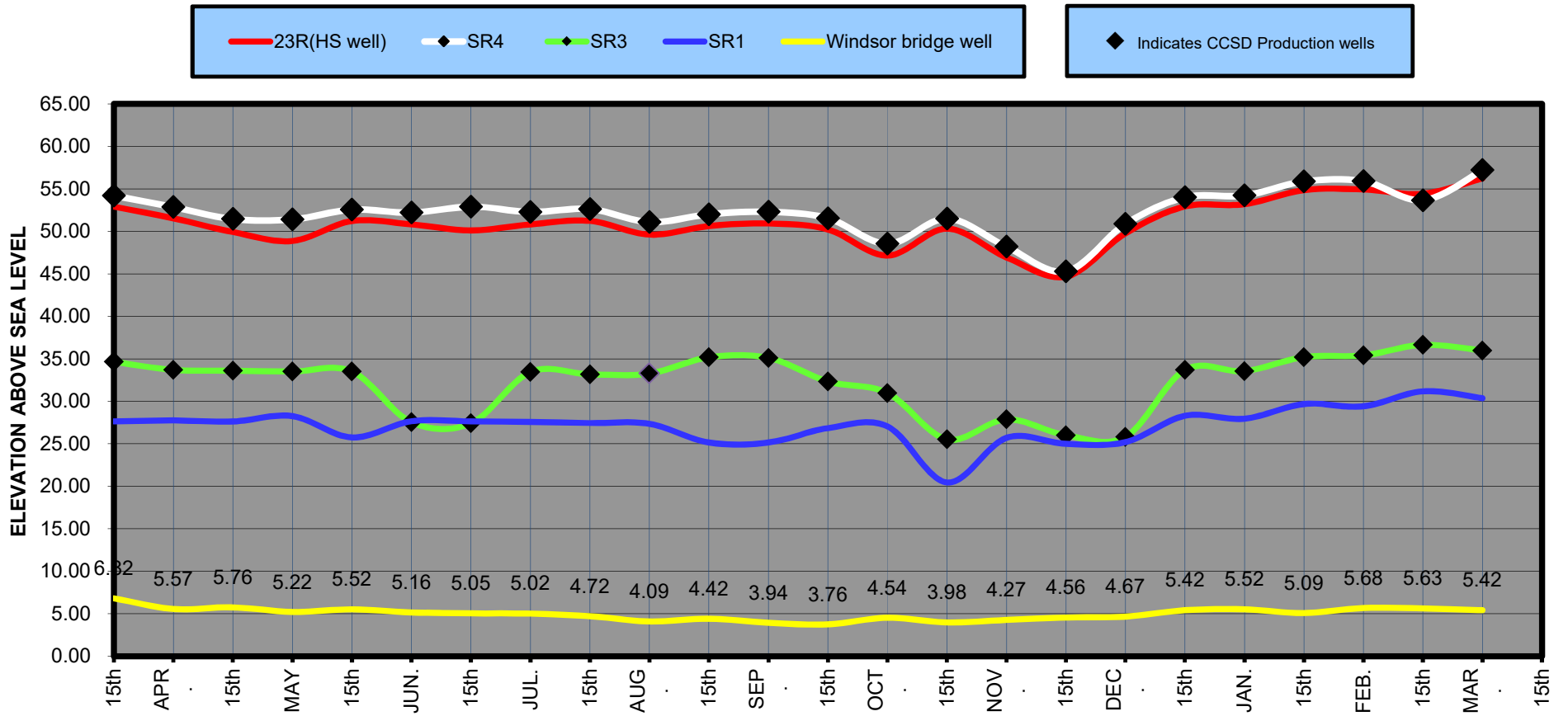
**Red Font are the CCSD's Production Wells, as measured on** revised 6/6/16

2/27/17

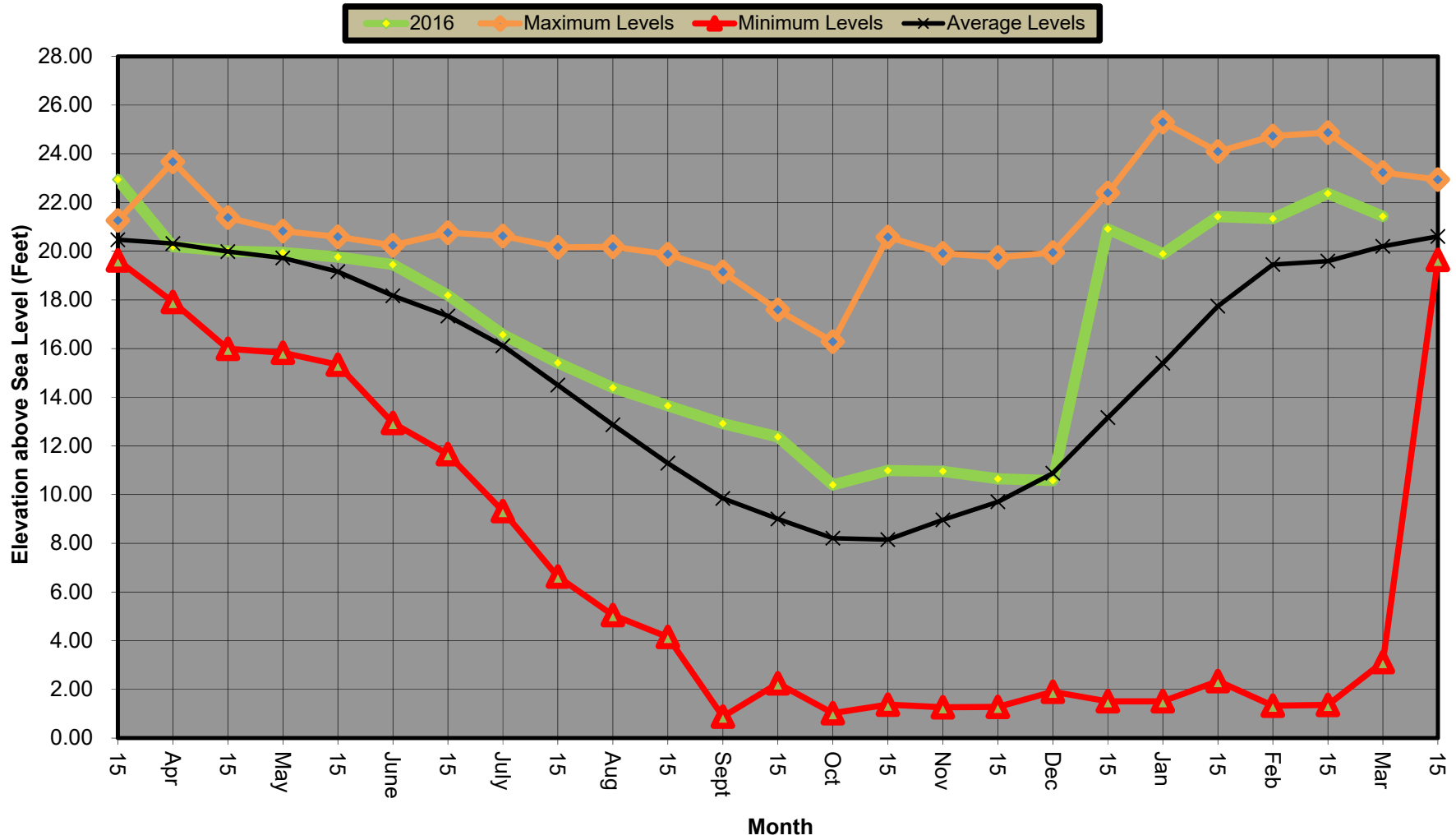
Reference point on 16d1,miw1,miw2,miw3,9p7,riw,miw1,ss1,ss2 and ss3 updated 2/17/2015



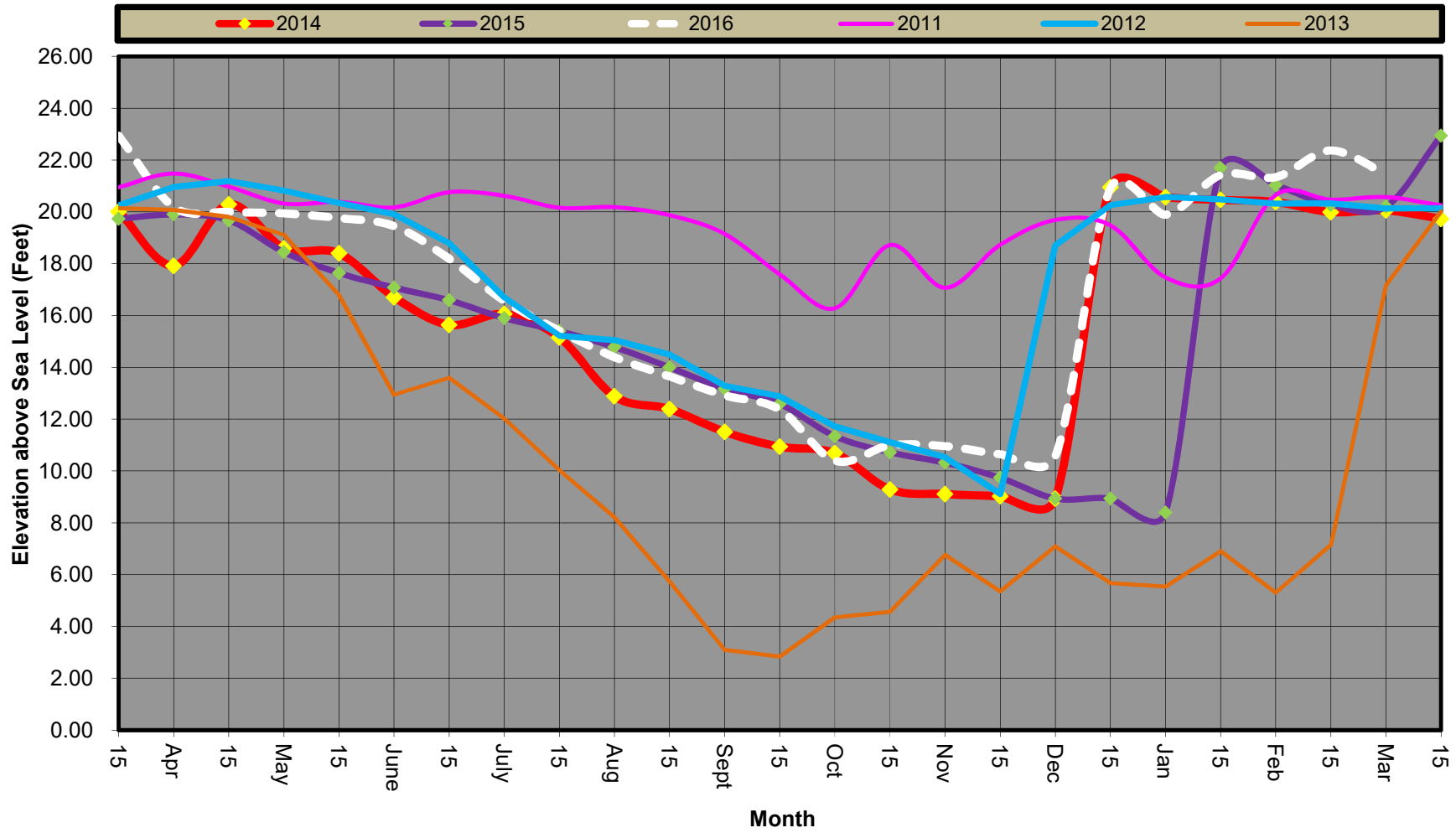
### SANTA ROSA CREEK WELL LEVELS March 15th, 2016 - Current



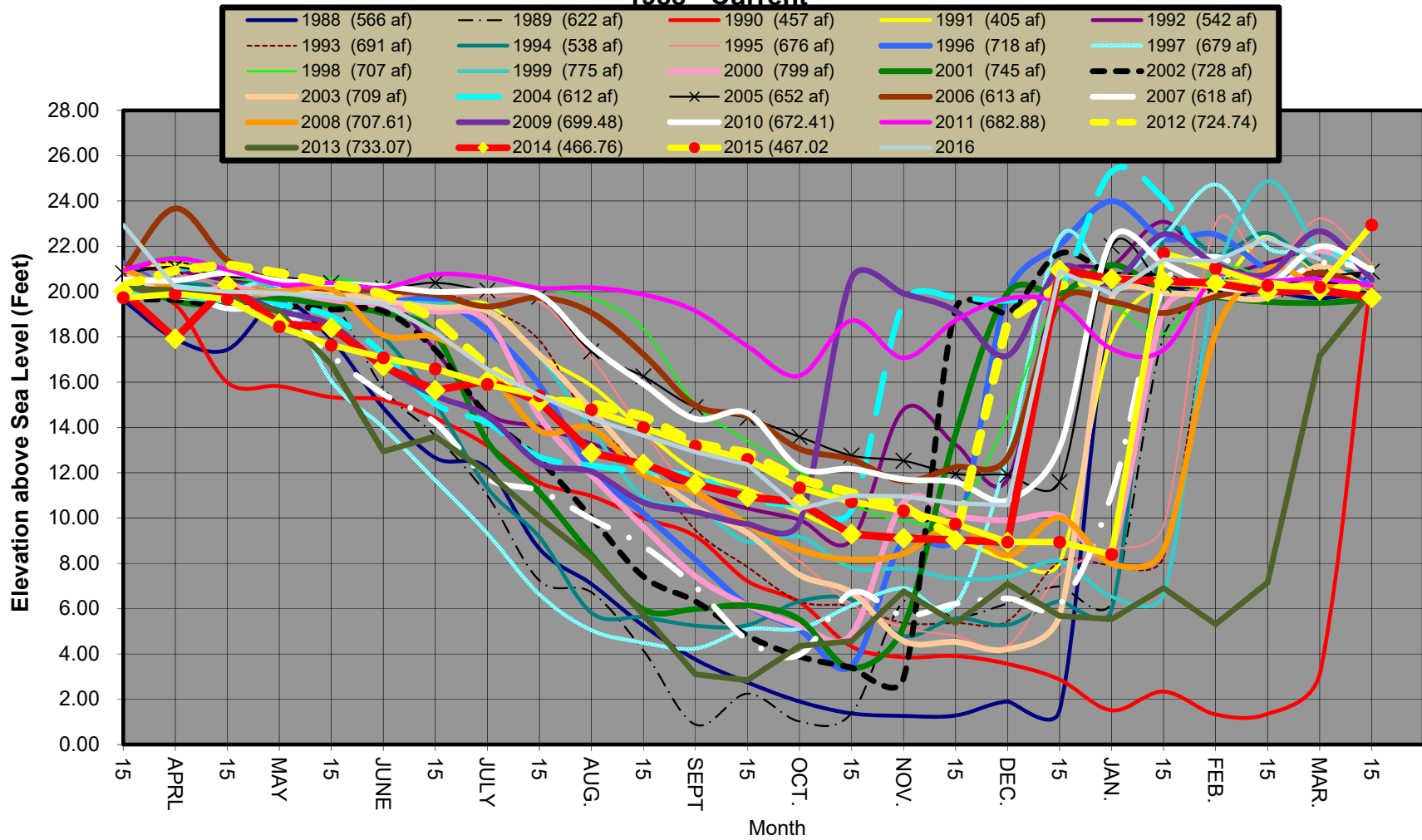
### San Simeon Creek Well Levels Water Year 2016/2017 levels to date and 1988 to Current Min, Max, & Average



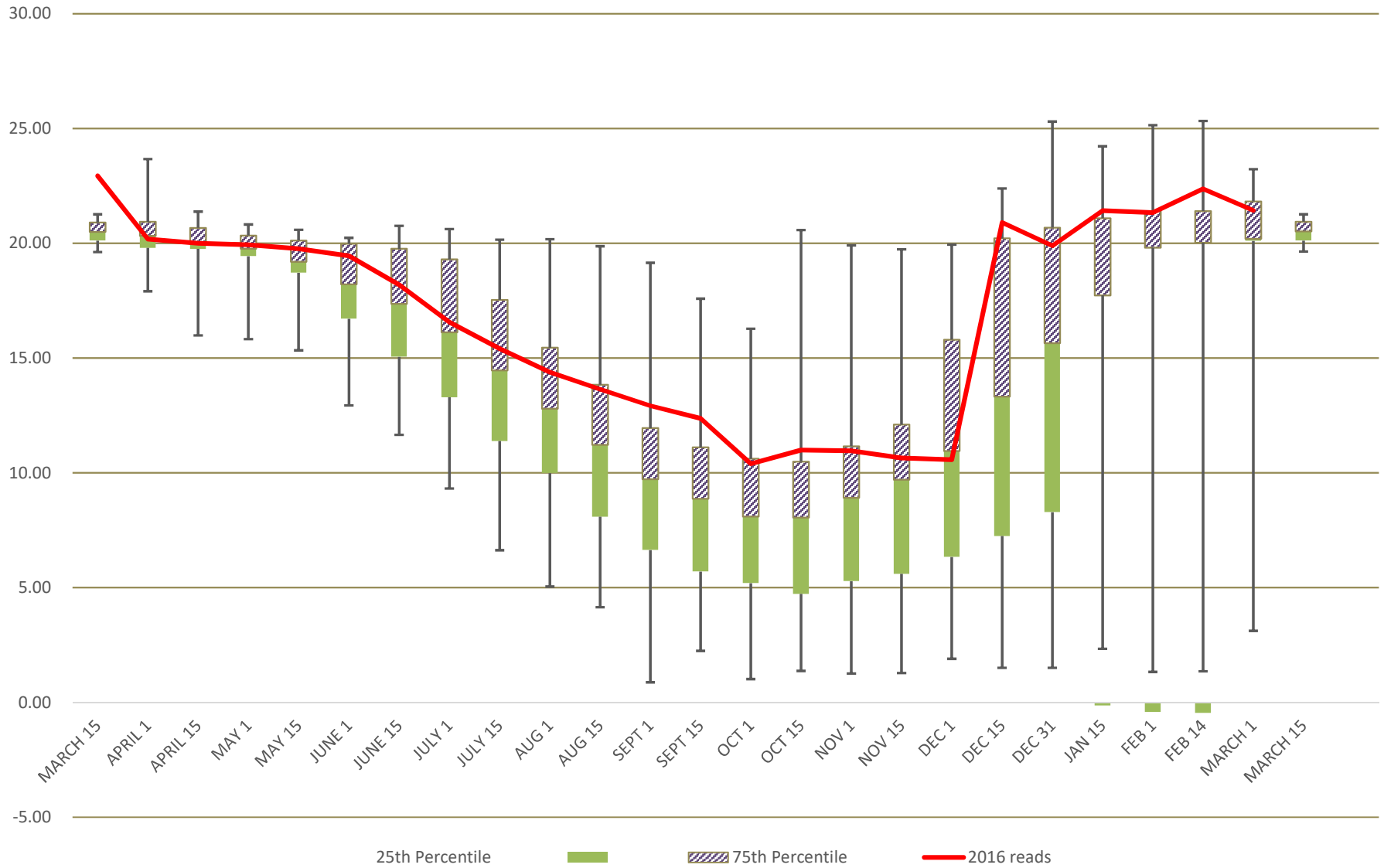
### San Simeon Creek Well Levels Last 5 years March, 2011 - Current



### San Simeon Creek Well Levels 1988 - Current



**1988 to Mar. 2017 Statistical San Simeon Well Level Summary by Month**  
 showing Minimums, Maximums, 25 % Percentile, 75% Percentile  
 Average Level is the line between the Purple (hatched) and Green (solid) bars



# You Are Invited!

To Celebrate the  
*Regional Supervisors Academy Graduates*  
*Class of 2017*

*Thursday, February 23, 2017*  
*Graduation Activities at 3:30 p.m. - 4:30 p.m.*

*The Library Community Room at*  
*995 Palm Street - San Luis Obispo, CA 93401*  
*Refreshments Will be Served*



THE CENTRE  
 FOR ORGANIZATION  
EFFECTIVENESS

*John Allchin*

In Recognition for Successful Completion of the  
**Regional Supervisors Academy**

February 2017



Sommer Kehrli, Ph.D.  
Executive Director  
The Centre



Camille Primm  
Facilitator  
The Centre

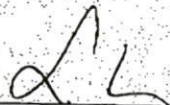


THE CENTRE  
 FOR ORGANIZATION  
EFFECTIVENESS

*Jason Buhl*

In Recognition for Successful Completion of the  
**Regional Supervisors Academy**

February 2017



Sommer Kehri, Ph.D.  
Executive Director  
The Centre



Camille Primm  
Facilitator  
The Centre



# *You Are Invited!*

*To Celebrate the  
Regional S.T.A.R.T. Academy Graduates  
Class of 2017*

*Thursday, March 2, 2017  
Graduation Activities at 3:15 p.m. - 4:15 p.m.  
Ludwick Community Center at  
864 Santa Rosa Street - San Luis Obispo, CA 93401*



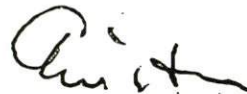
*Certificate of Completion*

THE CENTRE  
 FOR ORGANIZATION  
EFFECTIVENESS

**Jason Buhl**

For Successful Completion of  
**Supervisors Transition and Readiness Training**

March 2017



Gary Winters  
Facilitator



Sommer Kehrl, Ph.D.  
Executive Director

*Certificate of Completion*

THE CENTRE  
 FOR ORGANIZATION  
EFFECTIVENESS

***Haley Dodson***

For Successful Completion of  
**Supervisors Transition and Readiness Training**

March 2017



Gary Winters  
Facilitator



Sommer Kehrl, Ph.D.  
Executive Director





This Certificate is Awarded to

*Jason Buhl*

has successfully completed 12 hours of instruction learning using

Microsoft Office 2016 applications

  
\_\_\_\_\_  
Maribye Cheves, Instructor

February 13, 2017

Date





# Certificate of Completion

This certificate is awarded to

**Jason Buhl**

in recognition of completion for 12 hours of instruction on us

MS Excel 2016

  
Margaret Cleaves, Instructor

March 2017  
Date



## CAMBRIA COMMUNITY SERVICES DISTRICT

**DIRECTORS:**

AMANDA RICE, President  
 GREG SANDERS, Vice President  
 JIM BAHRINGER, Director  
 MICHAEL THOMPSON, Director  
 HARRY FARMER, Director


**OFFICERS:**

JEROME D. GRUBER, General Manager  
 MONIQUE MADRID, District Clerk  
 TIMOTHY J. CARMEL, District Counsel

1316 Tamsen Street, Suite 201 • P.O. Box 65 • Cambria CA 93428  
 Telephone (805) 927-6223 • Facsimile (805) 927-5584

February 28, 2017

Mr. Jon Rokke  
 Central Coast Regional Water Quality Control Board  
 895 Aerovista Place, Suite 101  
 San Luis Obispo, CA  
 93401-7906

Subject: Technical Information Requested in February 9, 2017 Notice of Violation – Waste Discharge Order R3-2014-0047

Dear Mr. Rokke,

The following are responses to the five items requested on pages 4 and 5 of the above subject Notice of Violation (NOV). Additionally, we have updated our earlier February 27, 2017 response letter based on comments we received from you earlier today. Therefore, please replace our earlier February 27, 2017 letter with this update.

- 1.) *A Plan and Associated Schedule to Bring the Facility Into Compliance with Permit Specifications C.4 (freeboard) and C.5 (inundation prevention)*

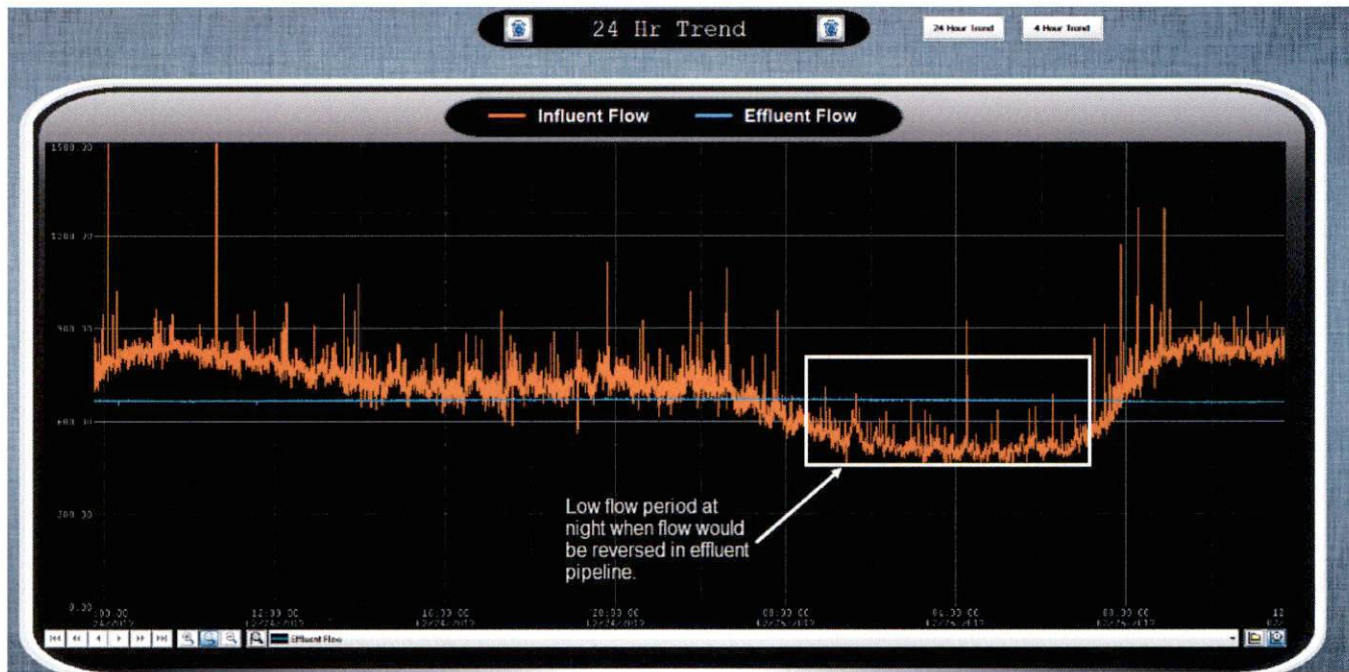
### C.4 Freeboard

To complete planning to lower the water surface of the pond, the CCSD conducted discrete depth sampling of the upper four feet of the pond water column on February 3, 2017. This was followed by separate sampling and turbidity analyses on February 10, 2017. The samples were analyzed for the constituents listed in Table 1 of the Monitoring and Reporting Program of the pond (Permit R3-20014-0047), as well as Table C of our Wastewater Treatment Plant's Waste Discharge Order 01-100. These results were reviewed by CCSD and RWQCB staff to assess options for lowering the pond water surface. At this time, there is no intention to remove solids from the pond. Removal of the water in the upper four feet of the pond water column will be accomplished using a floating suction pipe inlet. Any future removal of solids from the pond would be done after the pond has evaporated and dried out. Removal of solids would be in compliance with WDR Order 3—2014-0047, Specifications C.17 and C.18.

Because the upper water column of the pond contains boron at 4.0 mg/l versus the Basin Plan's limit of 0.75 mg/l, disposal of the upper water column from the pond directly to a wastewater effluent percolation basin was not feasible. Therefore, the CCSD developed plans to allow returning the upper pond water column water to the CCSD wastewater treatment plant (WWTP). This returned water would then be routed through the WWTP before being discharged into the percolation basin. The volume of upper water column pond water would be blended with the plant effluent to not exceed 0.75 mg/l of boron in the plant effluent per the basin plan limitation, and while the Sustainable Water Facility is not operating. Based on the significant amount of rainfall received to date, the SWF will remain off line until at least mid-September of this year. It was therefore assumed that the basin plan boron criteria of 0.75 mg/l would be complied with in determining the return rate of the upper water column pond water to the wastewater influent. Preliminary mass balance calculations show the estimated concentration of boron in the WWTP effluent would be less than approximately 0.75 mg/l with a plant flow rate of 0.6 mgd and a pond water return rate of 0.15 mgd (103 gpm).

Returning the upper pond water surface to the WWTP can be accomplished by: 1) reversing the flow of the CCSD effluent pipeline; 2) pumping water into the State Campground sanitary sewer system; or, 3) trucking. Reversing flow of the CCSD effluent pipeline would allow pumping during low influent WWTP flow periods by storing plant effluent in one of the WWTP's cement lined basins while pond water is pumped to and stored in a second cement lined basin. From review of recent flow data, the period of time for such an operation would start after midnight, and continue until approximately 6 a.m., when influent flow increases. This approach would require operating the three basins to allow having two of them relatively empty before initiating reverse flow. The largest of the three existing cement lined basins has a capacity of 450,000 gallons, while the two smaller basins are the same size, each with a storage capacity of 380,000 gallons. Storing approximately 300,000 gallons over a five hour reverse flow period equates to a reverse flow pumping rate of 1,000 gpm. The stored pond water at one of the basins would subsequently be pumped or returned into the plant influent for blending at a rate not to exceed approximately 100 gpm. Each of these reverse flow operations would lower the pond water surface by approximately 3 inches. Lowering the pond four feet would require 16 reverse flow operations.





A second alternative for routing flow to the WWTP would require approval from State Parks to use their existing sanitary sewer collection system and lift stations. For example, approximately 2,300 feet of temporary pipeline could be routed from the pond to the Washburn Day Use State Parks restroom area. As of this report's date, the pumping capacity of the State Parks collection system is unknown. Assuming it could handle 50 gpm on a continuous basis, approximately 72,000 gallons per day could be removed from the pond each day. To lower the pond four feet at this rate, would require approximately 63 days plus the time required to obtain approval from State Parks.

Trucking water would be a third option to move pond water to the WWTP; however, this may be the slowest approach towards lowering the water surface elevation. Under this option, the CCSD would either rent a water truck, or hire a hauling service, to truck water to the WWTP. This option would be limited to getting the pond into compliance by reducing its current level by approximately one foot. If the water truck holds about 4,500 gallons, approximately 250 truckloads would be required to lower the pond one foot.

Based on the information available as of the date of this report, reversing the flow of the existing effluent pipeline during the late evening to earlier morning hours would be the most expeditious means to lower the pond water surface. However, there are piping modifications and additional valves needed to make this option viable. Therefore, the schedule below shows starting off with the use of water trucks, which can be followed with a more ambitious reverse flow option.

Task Name	Duration	Start	Finish	Pre	Jan 29, '17	Feb 12, '17	Feb 26, '17	Mar 12, '17	Mar 26, '17	Apr 9, '17								
					F	T	S	W	S	T	M	F	T	S	W	S	T	M
1 Sample & analyze pond water	17 days	Fri 2/3/17	Mon 2/27/17															
2 Develop alternative approaches to lower water	10 days	Fri 2/3/17	Thu 2/16/17															
3 Finalize alternative approaches for lowering water surface	1 day	Tue 2/28/17	Tue 2/28/17	2,1														
4 Submit to Plan to Water Board	1 day	Wed 3/1/17	Wed 3/1/17	3														
5 Water Board review of plan	5 days	Thu 3/2/17	Wed 3/8/17	4														
6 Haul water via water trucks	30 days	Thu 3/9/17	Wed 4/19/17	5														
7 Assess progress & initiate reverse effluent flow option if nes	21 days	Thu 3/16/17	Thu 4/13/17	6,5														



### *C.5 Prevention of Inundation, Slope Failure, Washout, and Overtopping under 1000-yr, 24-hour precipitation*

Following a succession of heavy rainfall events (the arrival of an atmospheric river) during January 2017, the CCSD completed temporary emergency response measures to divert storm water around the northern side of the pond. These actions were in response to storm water that had flowed across San Simeon Creek Road from properties north of the public roadway and onto the pond property. The redirection efforts included hand digging a trench on January 10, 2017 at a location north east of the pond. This initial effort was followed up on January 20, 2017 by placing sandbags outside of the northern boundary's frog fence and by trenching outside the north and eastern sides of the pond. The following figure further illustrates the aforementioned temporary measures.



The District is currently completing plans to follow up the measures taken on January 10, 2017 and January 20, 2017 to address erosion concerns associated with the earthen ditches, as well as erosion created by the running storm water. This has included contacting a local consultant to



assist staff in coordinating with laborers, contractors, and suppliers to further line the ditches and add necessary erosion control measures. One option under consideration is the use of a prefabricated corrugated polyethylene liner (SmartDitch sections), which may be easier to install using hand labor or minimally sized mechanical equipment. The lining work and erosion control measures are expected to be completed within the next 4 to 6 weeks, subject to CCSD Board approval, as well as weather conditions.

Information from past CDM Smith 1,000-year hydrological analyses indicated that an existing culvert located under San Simeon Creek Road would handle the 1,000-year return frequency storm from the property north of San Simeon Creek Road. However, field investigation during the roadway flooding found the drainage from the property north of San Simeon Creek Road was not making its way to the culvert inlet. The culvert itself was only flowing a few inches deep during the flooding events. Because the roadway and property north of San Simeon Creek Road are not under the District's control, and recognizing need for an expedient response, the ditch lining effort will be under the assumption that all of the flow thought to be entering the culvert as part of the earlier 1000-year storm analysis would need to be handled by the ditches that are to be lined within the CCSD property. The CCSD will also continue to encourage the County and the property owner north of San Simeon Creek Road to develop a solution that will prevent future roadway flooding.



2.) *Plan and Associated Schedule for Hydrogeologic Evaluation, and Developing and Implementing Engineering Controls to Prevent Offsite Stormwater Flows from Entering the Impoundment Site.*

A hydrogeologic analysis of a 1,000-year frequency storm has been previously completed by the CCSD's consultant, CDM Smith, which will support this effort. As described in the last paragraph under discussion item 1.), the results for the flow entering the culvert under San Simeon Creek Road will be conservatively assumed to enter the drainage ditching at the north side of the pond. The slopes and cross sectional areas of the ditches will be adjusted as liner material is installed to prevent erosion.

The District is currently finalizing a consulting services agreement with a local consultant to coordinate completion of the ditch lining and erosion control efforts. District staff previously researched this need and has recommended the use of SmartDitch, a corrugated high density polyethylene liner system, which will help expedite this effort. This material comes in lightweight sections, which can be hand placed and staked into place. Some machine work may also become necessary, which will be determined by the CCSD's consultant. The schedule provided under discussion item C.5 includes the use of data provided as part of the earlier 2014 1,000-year hydrogeologic evaluation.



3.) *Plan and Associated Schedule for Training CCSD staff on the Requirements of WDR Order No. R3-2014-0047 and the Implementation of Inspections.*

Mandatory training will be conducted with all operating staff on the Sustainable Water Facility and Impoundment Basin Title 22 and Title 27 permits and monitoring plans requirements. This will include the need for accurate inspection and logging of impoundment conditions, as well as timely reporting of unusual or suspicious conditions, such as rapid level rise and changes in turbidity. Vegetation growing along the upper berm service access will also be removed to allow for better visual inspection of gopher activity. Concurrent with this, CDM Constructors will also be following up with warranty work to fill in a gap that staff had found between the bottom of the frog fence and top of the gopher barrier, which was allowing passage. Work by the CCSD's exterminator will also continue with the use of carbon monoxide gas treatment on active gopher holes.

To develop a thorough understanding of the permit and reporting requirements, CCSD staff who will be in direct contact with and/or in support of both the Sustainable Water Facility and the Impoundment Basin will meet periodically with the General Manager and District Engineer to discuss and review any and all aspects of the two permits and ask questions if additional clarification is needed. Staff will also be encouraged to reach out to the CC RWQCB staff regarding both the Title 22 and Title 27 permits. Periodic visits and correspondences with the RWQCB regarding both the Title 22 and Title 22 Permits will be encouraged.

Operating staff have been briefed on the importance of proper logging for both the Sustainable Water Facility and the Impoundment Basin. Since meeting with the RWQCB staff on February 1, 2017, CCSD staff has improved their logging through training, but additional training will be ongoing. Prior to the restarting of the Sustainable Water Facility, the General Manager and the District Engineer will be onsite to instruct CCSD staff on appropriate logging procedures. Once the Sustainable Water Facility is up and running a much higher level of logging will take place. Staff will also be incorporating logging into both written and digital format (e.g., Op10 software) Logging of operational information will ultimately be digitized and centrally located within the CCSD's server network to improve timeliness in noting and reporting equipment and process malfunctions. This will further improve upon the timeliness of reporting, as well as shorten the feedback time to make operational adjustments.

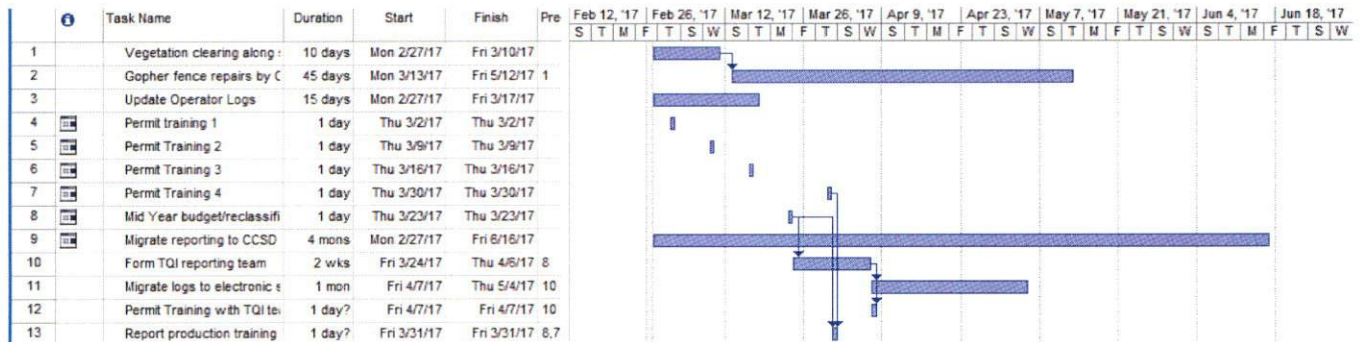
To improve reporting, CDM Smith is providing CCSD staff with the Sustainable Water Facility and Impoundment Basin reports in a template form, which will allow transitioning reporting to the sole responsibility of CCSD staff. This transition is planned to occur during the next three to four months.

Prior to the next startup of the Sustainable Water Facility, additional operator training will be provided by Innovative Technologies, CDM Smith, our previous Chief Plant Operator, our District Engineer, and the District General Manager. The CCSD Board will also be asked to approve additional staffing and staffing improvements and associated budget adjustments. As part of its planned mid-year budget adjustment, the Board will be asked to support a "Sustainable Water Facility Chief Plant Operator" position. This position will be directly responsible for the daily operation of the Sustainable Water Facility, will work collaboratively with other CCSD staff relating to the Sustainable Water Facility, and will embrace a team concept regarding the Sustainable Water Facility operations. Additionally, the District Engineer's Assistant Position will be reclassified and titled to be a "Permitting and Compliance Officer." The re-classification responsibilities will



focus directly on preparing and submitting Reports to the RWQCB in a timely and accurate manner. This position will also work collaboratively with other CCSD staff relating to the Sustainable Water Facility and will embrace a team concept regarding the operations the Sustainable Water Facility.

A total quality improvement approach will also be established through regular meetings to incorporate the lessons learned since the Sustainable Water Facility went into operation, as well as from the recent storm related flooding emergency. This approach will include addressing needed improvements, as well as regularly identifying and incorporating future improvements as they are identified.

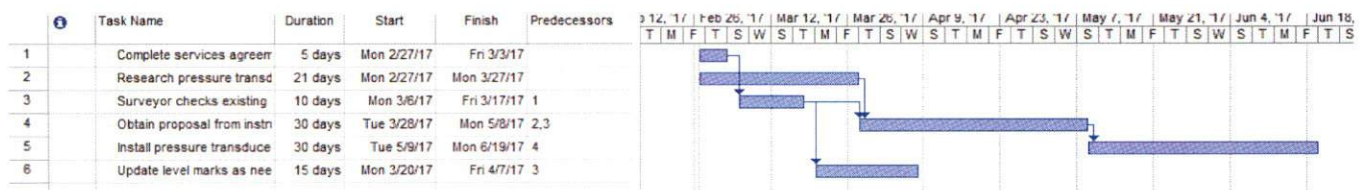


4.) Copies of all surface impoundment inspection log entries from January 1 through January 31, 2017.

Please see Attachment A for log entries.

5.) A Plan to Determine the Accuracy of the Current Water Level Markings on the Surface Impoundment North Berm

The CCSD will be using a licensed surveyor to oversee the installation of a pond level measuring system that would be independent of the liner markings, which flex due to expansion and contraction. Several concepts are under consideration, including the use of a pressure transducer, which would be placed along the bottom of the pond using sandbags or other means, and which would not create sharp edges that could otherwise rub or wear into the liner. This level measurement could then be connected to the nearby evaporator control building and an associated SCADA system. All elevation points, including the sensor head, would be determined and verified by the licensed surveyor.



In closing, we greatly appreciate your time and assistance in reviewing our technical information and related plans. Should you have any questions, please do not hesitate to contact us.

Sincerely,

A handwritten signature in cursive script that reads "Robert C. Gresens". The signature is written in black ink and is positioned above the printed name.

Robert C. Gresens, P.E.  
District Engineer

Attachments: A – Evaporation Pond Logs from 1/1/2017 to 2/26/2017

# IMPOUNDMENT



# BASIN MONITORING

R3-2014-0047



12/31/16 Bg 9:28 Temp 54° Humidity 60%. Wind 0 mph SW  
6 BIRDS PRESENT, FENCES & LINER APPEAR IN GOOD  
CONDITION, FREEBOARD IS 4+ FEET, ALL PUMPS  
AND BLOWERS ARE OFF, WEATHER IS SUNNY

1/1/17 Bg 9:58 Temp 49° Humidity 72%. Wind 3 mph W  
24 BIRDS PRESENT, FENCES & LINER APPEAR IN GOOD  
CONDITION, FREEBOARD IS 4+ FEET, ALL PUMPS & BLOWERS  
ARE OFF, WEATHER IS OVERCAST

1/2/17 Bg 9:34 Temp 55° Humidity 62%. Wind 1 mph ESE  
7 BIRDS PRESENT, FENCES & LINER APPEAR INTACT,  
FREEBOARD IS 4+ FEET, ALL PUMPS & BLOWERS ARE  
OFF, WEATHER IS OVERCAST

1/2/17 11am Cindy Cleveland Biologist. Air temp 54°F  
cloudy. Estuary breached w/ flow ~ 3 cfs. Sand Simon Creek  
so crystal clear - no algae, no sediment + excellent  
fish habitat. Water 52°F and width + depth  
slightly down from last week. Channel  
opened up due to debris flow + movement of  
gravel + created nice pools, Brine pond  
& birds - 5 bufflehead, 2 eared grebe, 1 brn pelican  
gull - water temp 53°F

\* 1/3/2017 1240 Hrs T.H. Weather is cloudy and cool. Plant is off.  
Temp: 54° Humidity: 72% Wind sp: 13 mph Wind D: S  
There are eight Birds present two Killdeer and six Ducks.  
All fences and liners appear in good condition. Performed  
weekly liner integrity test, Pumping 2.5 gallons from 10"  
and 0 gallons from 4" pipe. All pumps and blowers are off.

\* 1-4-17 0800 hrs. RAIN L. Moore  
14 birds present. Liner in good condition. All fences  
are intact. The freeboard is 4+. All pumps and  
blowers off. The impoundment level is 1.6'. Rain  
recently has added 4" to impoundment level.

\* 1/5/17 1026 Hrs. T.H. Weather is cloudy with some showers. Plant off  
Temp: 53° Humidity: 87% Wind sp: 5 mph Wind D: E  
There are four Ducks present all fences and liners are  
in tact. All pumps and blowers are off. There is 3+ feet  
of Freeboard.

\* 1/6/17 0930 T.H. Weather is clear & cool. Plant is off.  
Temp: 51° Humidity: 50% Wind sp: 6 mph Wind D: E  
There are 12 Birds present 10 Ducks and 2 Killdeer.  
All fences and liners are in tact. All pumps and  
blowers are off. Freeboard is at three plus feet.

\* 1/7/17 8:49 JB 51°, hum. 98%, 2 mph, W.D. NE°  
RAINING SEVEN BIRDS, FREEBOARD @ 3+, PLANT  
OFF, ~~PLANT~~ EVAPORATORS OFF CREEK FLOWING TO OCEAN

\* 1/8/17 7:40 AM JB 50°, hum 100%, 10 NE°, 8 BIRDS  
PRESENT, FREEBOARD AT 3+, PLANT OFF, EVAP-  
ORATORS OFF. FENCE & LINER GOOD.

1/8/17 Cindy Cleveland Biologist. <sup>10am</sup> Air temp 61°F. Atmosphere river  
went (lots rain in hills above site) cloudy - another rain  
event coming. Estuary breached + flowing @ 2.5 cfs.  
Sand Simon Creek very turbid - cannot see anything +  
flow bank to bank - way up w/ sediment but all  
frigs upstream and for Gordon Creek running.

Debris moving downstream. Brine Pond freeboard up 3+  
so turbid also <sup>2.5 cfs</sup> in creek 4 bufflehead, 2 mallard, 4 grebe.  
3 Killdeer = 13 birds total.

\* 1/9/17 0930 Hrs. TH. Weather is overcast Plant is currently off.  
Temp: 54° Humidity: 93% Wind sp: 4 mph Wind D: SW  
There are six birds present: Two Killdeer and four ducks.  
All fences and liners appear intact. All pumps and  
blowers are off. Freeboard is at One Plus feet

\* 1/10/17 1200 Hrs. T.H. Weather is cloudy w/ some showers. Plant is off.



Date/Day: 1/10/17 Location:

Temp: 52° Humidity: 100% wind sp: 15mph wind D>S  
 There are twelve birds present 10 Ducks and 2 Killdeer.  
 All fences and liners appear in tact. All pumps and Blowers  
 are off. Impoundment Freeboard is at One plus feet.  
 Performed weekly liner integrity test. Pumping 4 gal.  
 from ten inch pipe and 0 gal. from four inch pipe.

\* 1-11-17 0720 hrs. Cloudy Moore  
 8 birds present. Liner is in good condition. All fences are  
 intact. All pumps and blowers are off. Freeboard  
 is 1 +'. Impoundment level is currently 5.4'.

-1-12-17 07:42 Temp 49° Humidity 96% wind D up E  
 8 BIRDS PRESENT, FENCES AND LINER APPEAR TO BE  
 IN GOOD CONDITION FREE BOARD IS LESS THAN 1' FEET  
 ALL PUMPS & BLOWERS ARE OFF, WEATHER IS RAINY—

\* 1-13-17 0730 hrs. Sunny Moore  
 Temp: 40° Humidity: 90% W.S.: 3mph W.D.: N.E.  
 7 birds present. Liner is in good condition. Fences are  
 intact. Freeboard is 1 +'. All pumps and blowers  
 are off. Impoundment level is 5.5'.

\* 1-14-17 0700 hrs. Partly Cloudy Moore  
 Temp.: 45° Humidity: 95% W.S.: 3mph W.D.: N.E.  
 13 birds present. Liner is in good condition. Fences  
 are intact. Freeboard is 1 +'. All pumps and blowers  
 are off. Impoundment level is 5.5'.

\* 1-15-17 0740 hrs. Partly Cloudy Moore  
 Temp.: 43° Humidity: 96% W.S.: 1mph W.D.: N.E.  
 7 birds present. Liner is in good condition. Fences are  
 intact. Freeboard is 1 +'. All pumps and blowers  
 are off. Impoundment level is 5.5'.

Date/Day: Location:

1-15-17 1120 am Cindy Cleveland biologist air temp 53° F pt.  
 Cloudy high pressure. Estuary breached & San Simen  
 now flowing directly into ocean. San Simen Creek water  
 temp. 52° F. Flowing ~ 50 cfs murky from  
 sediment moving downstream + tidal influence.  
 Water depth down ~~at~~ from last week + creek widened +  
 no debris jams seen. Brine pond @ 5 ft. 1 foot  
 from top. Water temp. 58° F. 13 birds total.  
 6 mallard, 5 bufflehead, 2 killdeer, also - Van  
 Gordon Creek flowing ~ 20 cfs. wideness of high (33 ft.)  
 flowing in the tributary

\* 1-16-17 0700 hrs. Sunny clear Moore  
 Temp.: 38° Humidity: 96% W.S.: 2mph W.D.: N.E.  
 14 birds present. Liner is in good condition. Fences are  
 intact. Freeboard is 1 +'. All pumps and blowers  
 are off. Impoundment level is 5.5'.  
 \* 1/17/17 08:58° 10:00 am SUNNY CLEAR, HUMID. 65%  
 WIND. 3 MPH, W.D. S.E., 8 BIRDS PRESENT, FENCE  
 & LINER ARE GOOD, PUMP OFF, EVAPORATORS OFF  
 \* 1520 hrs. Moore

- Performed weekly liner integrity test.  
 - 4" pipe - 0 gals. pumped  
 - 10" pipe - 50 gals. pumped

\* 1-18-17 0735 hrs. Cloudy Moore  
 Temp.: 44° Humidity: 81% W.S.: 3mph W.D.: E.  
 9 birds present. Liner is in good condition. Fences are intact.  
 Freeboard is 1 +'. All pumps and blowers are off.  
 Impoundment level is 5.5'.

\* 1-19-17 0905 hrs. Partly Cloudy Moore  
 Temp.: 46° Humidity: 90% W.S.: 3mph W.D.: S.E.



- 1-19-17 continued

4 birds present. The liner is in good condition. Fences are intact. Freeboard is 1+'. All pumps and blowers are off. Impoundment level is 5.5'.

\* 1/20/17 0904 Hrs TH Overcast with showers plant is off.

4 Birds present, Ducks. Liner and fences are intact. Blowers are off. Impoundment freeboard is at max 6'.  
Temp: 54° Humidity 90% wind sp: 3 mph wind D: W

\* 1/21/17 0818 Hrs TH Overcast with showers Plant is off

Temp: 54° Humidity: 92% wind sp: 5 mph wind D: NE

There are 11 Birds present two Killdeer and 9 Ducks. Fences and liners appear to be in tact. Freeboard is at Max Level. Trenching and sandbags installed.

\* 1/22/17 0758 Hrs TH Heavy Rain and Breezy. Plant is off

Temp: 52° Humidity: 97% wind sp: 8 mph wind D: S

There are six Ducks present. fences and liners are in tact. All pumps and Blowers are off. Freeboard is @ 0'

\* 1/23/17 0756 Hrs TH overcast with showers. Plant is off

Temp: 51° Humidity: 95% wind sp: 1 mph wind D: SE

There are two Killdeer present. Fences and liners are intact. All pumps and Blowers are off. freeboard 5.0'

\* 1/24/17 0725 hrs. Partly cloudy Moon

Temp: 45° Humidity: 92% W.S.: 3 mph W.D.: E.

3 birds present. Liner is in good condition. Fences are intact. Freeboard is 0+'. All pumps and blowers are off. Impoundment level is 6.0'

- 1/24/17 1130 am Cindy Cleveland Biologist. Estuary breached w/

lots of woody debris + water still running fairly high ≈ 25 cfs.

San Simon Creek ≈ 75 cfs w/ lots sediment + water bank to

bank and Van Gordon Creek flowing. Brine Pond

water temp 54°F. 7 birds total: 2 mallard, 3 bufflehead,

2 Killdeer.

\* 1/24/17 continued

Performed weekly liner integrity test.

4" pipe - pumped 26 gals.

10" pipe - pumped 70 gals.

\* 1/25/17 0940 hrs. Sunny Moon

Temp: 46° Humidity: 50% W.S.: 4 mph W.D.: S.E.

2 birds present. Liner is in good condition. Fences are intact. Freeboard is 0+'. All pumps and blowers are off. Impoundment level is 6+'.

\* 1/26/17 TH. 0923 Hrs. Weather is clear and cool. Plant is off

Temp: 50° Humidity: 57% wind sp: 5 mph wind D: S

There are two Mallard Ducks present. fences and liners appear in tact. All pumps and Blowers are off. Freeboard is at 0 feet. Max capacity.

\* 1/27/17 Fri 9:16 Temp 49° Humidity 47%. wind 3 mph S

2 BIRDS PRESENT, fences & Liner appear intact

Freeboard is 0 feet All pumps & Blowers are off

Weather is sunny, Impoundment level over max.

- 1/28/17 Sat 7:52 Temp 42° Humidity 71%. wind 2 mph NE

2 BIRDS PRESENT, fences & Liner appear intact, Freeboard

is 0 feet, All pumps & Blowers are off, weather

is sunny, Impoundment level over max

- 1/29/17 Sat 10:35 Temp 67° Humidity 36%. wind 4 mph W

2 BIRDS PRESENT, fences & Liner appear intact,

Freeboard is 0 feet, All pumps & Blowers are off

Weather is sunny, Impoundment level over max

1-29-17 1340 Cindy Cleveland Biologist Air temp 65°F clear. Estuary

breached at sediment + ≈ 20 cfs. Saw Simon Creek ≈ 25 cfs.

water temp: 54-56°F (Cooler water from tidal influence)

water deep (5-9 ft) and width ≈ 45 ft. Saw Brine Pond

water temp 58°F - 2 Killdeer, 1 grebe ≈ 3 birds.



Date/Day:

Location:

-1/30/17 BY 7:35 Temp 49° Humidity 55%. Wind 3 mph NE  
2 BIRDS PRESENT, FENCES & LINER APPEAR INTACT,  
FREEBOARD IS 0 FEET, ALL PUMPS & BLOWERS ARE OFF  
WEATHER IS SUNNY, IMPOUNDMENT LEVEL IS OVER MAX.

\* 1/31/17 TH 0839 Weather is clear and cool. Plant is off  
Temp: 47° Humidity: 54% Wind speed: 4 mph Wind D: E  
There are two Killdeer present. All fences and liners  
appear in fact. All pumps and blowers are off.  
Impoundment Basin Freeboard is at max level.

-1/31/17 BY PERFORMED LINER INTEGRITY TEST  
-10" - 60 Gallons  
-4" - 0 Gallons

\* 2/1/17 TH 0927 Weather is partly cloudy. Plant is off  
Temp: 52° Humidity: 77% Wind sp: 7 mph Wind D: S  
There are five Birds present 3 ducks and two Killdeer  
All fences and liners appear to be in fact. All  
Pumps and blowers are off. Freeboard is at max.

-2/2/17 BY 0922 Temp 42° Humidity 95%. Wind 5 mph SE  
11 BIRDS PRESENT, FENCES & LINER APPEAR INTACT  
All pumps & blowers are off, WEATHER IS RAINY  
FREE BOARD IS 0 FEET IMPOUNDMENT LEVEL IS OVER MAX.

\* 2/3/17 0950 Hrs TH. Weather is cloudy w/ rain. Plant off  
Temp: 52° Humidity: 100% Wind sp: 15 mph Wind D: SW  
All fences and liners appear to be in fact. There  
are six Ducks present. All pumps and blowers  
are off. Impoundment freeboard is at max.

\* 2/4/17 BY 10:03 AM 2 DUCKS, 52°, HUMID. 89%, SW, SW  
CLOUDY, LINER & FENCE GOOD, EVAPORATORS OFF

\* 2/5/17, BY 7:30 AM 4 DUCKS, 50°, HUMID. 88% 3 MPH, SW,  
FENCE & LINER GOOD, PUMPS OFF, PLANT OFF, 0 FREEBOARD

Date/Day:

Location:

2.5.17 Cindy Cleveland Biologist. Air Temp 60° cloudy.  
1030 am Estuary breached. Saw Simon Creek water  
levels down but flow very strong as channel is getting  
deeper thalweg formed (where strongest current is).  
Still sediment from Van Gordon Creek which has  
5-10 cfs + Saw Simon = 30 cfs. Lots willows fell over.  
Water temp. 52° F. Width (= 40 ft) and depth (= 4 ft.)  
slightly down from last week. Brine Pond 7 mallard,  
2 bufflehead, 2 Killdeer, 1 grebe = 12 birds total.  
58° F water temp.

\* 2/6/17 BY 8:47, 60°, 99% HUMID, 3 MPH, SW, RAINY  
PLANT OFF, EVAPORATORS OFF, FOUR BIRDS PRESENT  
0 FREEBOARD, FENCE & LINER ARE GOOD.

-2/7/17 TOP 45° Humidity 100%. Wind 10 mph South  
5 BIRDS PRESENT, FENCES & LINER APPEAR INTACT,  
FREE BOARD IS 0 FEET, ALL PUMPS & BLOWERS ARE  
OFF, WEATHER IS RAINY, IMPOUNDMENT OVER MAX LEVEL

-2/7/17 PERFORMED LINER INTEGRITY TEST  
-10" PIPE - 75-GALLONS  
4" PIPE - 90-GALLONS

-2/8/17 Temp 60° Humidity 97%. Wind 3 mph S.E.  
16 BIRDS PRESENT, FENCES & LINER APPEAR INTACT  
FREE BOARD IS 0 FEET, ALL PUMPS & BLOWERS ARE OFF  
WEATHER IS CLOUDY, IMPOUNDMENT LEVEL OVER MAX.

Freeboard Measurement to Water = 31" TO

2-9-17 0830 hrs. FOG None.

Temp: 46° Humidity: 97% W.S.: 2 mph W.D.: S.W.

9 birds present. Liner in good condition. Fences intact.  
Free board is at -0 ft. All pump and motors  
are off. Impoundment level is 6.5'.



2-9-17 Free Board TO WATER  $29\frac{3}{8}$ "  $29\frac{3}{8}$ "

Joke

2-7-17  $31\frac{1}{2}$ " FREE Board

1-23-17  $35\frac{1}{2}$  Free Board ON Board

\* 2-10-17 Light rain 0740 hrs. Moore  
5 birds present (ducks). Liner is in good condition.  
Fences are intact. Freeboard is 0'. All pumps  
and blowers are off. Impoundment level is  
6.6'.

Temp: 48° Humidity: 100% W.S.: 9mph W.D.: S.W.

\* 2-11-17 0720 hrs. Sunny Moore

Temp.: 45° Humidity: 98% W.S.: 2mph W.D.: N.E.  
3 birds present. Liner in good condition. Fences  
are intact. Freeboard is 0'. All pumps and  
blowers are off. Impoundment level is 6.7'.

\* 2-12-17 0700 hrs. Sunny, Clear Moore

Temp: 43° Humidity: 97% W.S.: 2mph W.D.: N.E.  
6 birds present. Liner is in good condition. Fences  
are intact. Freeboard is 0'. All pumps and blowers  
are off. Impoundment level is 6.7'.

\* 2-13-17 0745 hrs. Partly Cloudy Moore

Temp.: 41° Humidity: 87% W.S. 3mph W.D.: E.  
5 birds present. Liner is in good condition. Fences are  
intact. Freeboard is 0'. All pumps and blowers  
are off. Impoundment level is 6.7'.

2-13-17 09:10  $28\frac{1}{4}$  Inches Free Board

2-13-17 1130am pt cloudy. Cindy Cleveland biologist.

9 stream banded. Saw Simeon: inflowing ~ 30 cfs w/  
Sediment + Van Gordon ~ 18 cfs w/ sediment. All  
sediment from upstream CCSO land.  
Saw Simeon still wide + deep ~ 5 ft 4 ft / Van Gordon 52 ft  
Lots of gravel, none mud. Brine Pond / Saw Simeon 54 ft  
2 mallard, 3 bufflehead, 2 Killdeer, 1 eared grebe  
8 total. Water temp. 62° F.

\* 2-14-17 Sunny 0730 hrs. Moore

Temp.: 42° Humidity: 83% W.S.: 3mph W.D.: E.  
9 birds present. Liner is in good condition. Fences are  
intact. Freeboard is 0'. All pumps and blowers  
are off. Impoundment level is 6.7'.

\* Performed Liner Integrity Test. 1410 hrs.

4" pipe - 120 gals. pumped in 20 minutes.

10" pipe - 80 gals pumped in 20 minutes. J. Moore

\* 2-15-17 Pt. Cloudy. 0750 hrs. Moore

6 birds present. Liner is in good condition. Fences are  
intact. Freeboard is 0'. All pumps and blowers are  
off. Impoundment level is 6.7'.

2/21/17 KCI ENVIRONMENTAL SEEDER AREA NEAR  
TRENCH WITH EROSION CONTROL PRODUCT

\* 2/16/17, 0835 hrs., L. Moore, CLOUDS/RAIN, 3 BIRDS

Temp.: 49° Humidity: 98% W.S.: 2mph W.D.: S.E.  
Freeboard at 0'. Fences and Liner in good condition. Plant off. Blowers off.  
Impoundment level is 6.7'.

$27\frac{3}{8}$  Inches Free Board at 1450 JA YA

\* 2/17/17, 0928 hrs., T. Holt, Rain, 4 Birds

Temp: 51° Humidity: 91% Wind sp 113 mph Wind D: SE  
Freeboard @ 0'. Fences and Liner appear to be intact  
Plant is off. Blowers are off.



Date/Day: 2/18/17 Location: \_\_\_\_\_

\* 0831 T. Holt, weather is overcast and windy 2 birds -  
temp: 49° Humidity: 98% wind sp: 12 mph wind D: SE  
Freeboard is at 0'. Fence and liner appear to be in tact.  
Plant is off, Blowers are off

Pond 25" Free Board 2-17-16

Pond 24" Free Board 2-18-16

\* 0855 T. Holt 2/19/17 weather is partly cloudy 3 birds  
Temp: 49° Humidity: 67% wind sp: 4 mph wind D: S  
Freeboard is at 0'. Fence and liner appear in tact.  
Plant is off Blowers are off

2/19/17 11:00 am Cindy Cleveland Biologist Cloudy  
raining. 5 birds - 2 bufflehead, 1 leared grebe,  
2 Killdeer - water temp 59°F. San Simon Creek  
water going into nav with water temp 54°F  
Creek flow higher than last week ~ 50 cfs. mucky  
Van Gordon Creek still flowing ~ 20 cfs.

\* 2/20/17 10:30 hrs. T. Holt Rain and wind. 4 Birds present  
Temp: 48° Humidity: 95% wind sp: 17 mph wind D: S  
Freeboard is at 24". Fence and liner intact. Plant/Blowers off

\* 2/21/17, 10:20, Moore, cloudy, 7 Birds present.

Temp: 49° Humidity: 99% WS: 3 mph W.D.: S.W.  
Freeboard is 24". Fence & liner good. Plant off. Blowers off.

2-21-17 JFLA 24 inches of Free Board

Water still crossing the road.

\* 2-21-17 15:30 hrs. Moore  
Performed liner integrity test.

4" pipe - pumped out 100 gals. in 20 minutes. The ph is  
6.92, the temperature is 18.0°C, the conductivity is  
1789 ec/um. Sample taken.

10" pipe - pumped out 70 gals for 15 minutes, then the water  
stopped - pipe empty. The ph is 8.77, the temp. is 16.7°C,  
the conductivity is 2.58 ec/um. Sample taken.

<sup>12</sup> The conductivity of the impoundment surface is 1340 ec/um.

Date/Day: \_\_\_\_\_ Location: \_\_\_\_\_

\* 2/22/17 T. Holt 0931 clear and sunny, 2 birds present  
Temp: 48° Humidity: 62% Wind sp: 7 mph Wind D: S  
Freeboard is @ 24", fences and liner appear intact. Plant  
is off, Blowers are offline, water was stopped  
crossing the road, water was not changed  
characteristics, appears clear

\* 2/23/17, Moore, Sunny/Clear, 7 birds present.

Temp: 43°, Humidity: 62%, W.S.: 1 mph, W.D.: S.W.  
Freeboard is 23.5". Fences and liner in good condition. Plant is off.  
Blowers are off.

- 2/24/17 8:30 AM, SUNNY, CLEAR, FOUR BIRDS PRESENT

Temp 52°, Humidity 55%, wind 2 mph SW  
Freeboard is 23.5" fences & liner are OK, Plant off  
Blowers off

- 2/25/17 9:28 AM, OVERCAST, 5 BIRDS PRESENT

47° Humidity 62% wind 2 mph N.W.  
Freeboard is 23.5", fences & liner OK, Plant off, Blowers off

NO CHANGE

- 2/26/17 9:37 AM, SUNNY, 6 BIRDS PRESENT

54° Humidity 65% wind 10 mph SE.  
Freeboard is 23.5", fences & liner are OK, Plant off  
Blowers off, LIGHT RAIN LAST NIGHT, NO WATER FLOWING  
INTO POND

2-26-17 10:09 am Cindy Cleveland biologist Pt. Cloudy.  
2 Mallard, 3 bufflehead, 1 leared grebe, 2 Killdeer, 2 lin. teal.  
10 total. Estuary breached San Simon Creek 51°F

flow down slightly from last week ~ 25 cfs,

Van Gordon ~ 10 cfs. Still lots of grasses up in  
Van Gordon Creek. width ~ 30-40 ft. Brind pond  
water temp 60°F.



Date/Day: \_\_\_\_\_

Location: \_\_\_\_\_

\* 2/27/17, 0913 hrs, T. Holt, clear and sunny, four B vials present  
Temp: 54° Humidity: 65% Wind sp: 6 mph Wind D: W  
Freeboard is at 23.5", fences and liner appear intact.  
Plant is off. Blowers are offline. No water across rd



MONTH JAN YEAR 2017

day	DAILY					WEEKLY		MONTHLY			
	log weather & wildlife	liner integrity	freeboard	log blower 1 inspection	log blower 2 inspection	log blower 3 inspection	log blower 4 inspection	log blower 5 inspection	gal 10 inch pipe pumped	gal 4 inch pipe pumped	trash pump checked
1	24 BIRDS	GOOD	4x feet	OFF							
2	7 BIRDS	Good	4+feet	OFF							
3	8 BIRDS	Good	4+feet	OFF					2.5gal.	0gal.	✓
4	19 birds	good	4+'	OFF							
5	4 BIRDS	good	3+feet	OFF							
6	12 BIRDS	good	3+feet	OFF							
7	7 BIRD	GOOD	3+	OFF							
8	8 BIRDS	GOOD	3+	OFF							
9	6 BIRDS	Good	1+feet	OFF							
10	12 BIRDS	Good	1+feet	OFF					4gal.	0gal.	✓
11	8 birds	good	1+'	off							
12	8 BIRDS	GOOD	0.5feet	OFF							
13	7 birds	good	0.5'	OFF							
14	13 birds	good	0.5'	off							
15	7 birds	good	0.5	off							
16	14 birds	good	0.5	off							
17	8 BIRDS	GOOD	1+	OFF					50 gals.	0gals.	✓
18	9 birds	good	1+	OFF							
19	4 birds	good	1+	OFF							
20	4 BIRDS	good	0x	OFF							
21	11 BIRDS	good	0	OFF							
22	6 BIRDS	good	0	OFF							
23	2 BIRDS	good	0	OFF							
24	3 birds	good	0	OFF					70 GALS	26 GALS	GOOD ✓
25	2 birds	good	0	OFF							
26	2 BIRDS	good	0	OFF							
27	2 BIRDS	GOOD	0	OFF							
28	2 BIRDS	GOOD	0	OFF							
29	2 BIRDS	GOOD	0	OFF							
30	2 BIRDS	GOOD	0	OFF							
31	2 BIRDS	GOOD	0	OFF					60 GALS	0 Gal	GOOD

The sampling and pumping protocol from the 10" diameter LCRS and 4" diameter vadose zone monitoring pipelines was changed between January and February 2017. During January 2017, operators ran the sample pump for 20 minutes. During February operators ran the sample pump for as long as water was observed at the pump discharge. The sample pumping times for February 2017 were not available for this report. However, it was verbally explained that sample pumping of one hour and 20 minutes had occurred in February 2017 under this revised protocol.



MONTH FEB YEAR 2017

day	DAILY					WEEKLY		MONTHLY			
	log weather & wildlife	liner integrity	freeboard	log blower 1 inspection	log blower 2 inspection	log blower 3 inspection	log blower 4 inspection	log blower 5 inspection	gal 10 inch pipe pumped	gal 4 inch pipe pumped	trash pump checked
1	5 Birds	GOOD	0	OFF							
2	11 Birds	GOOD	0	OFF							
3	6 Birds	GOOD	0	OFF							
4	2 BIRDS	GOOD	0	OFF							
5	4 BIRDS	GOOD	0	OFF							
6	7 BIRDS	GOOD	0	OFF							
7	5 BIRDS	GOOD	0	OFF					75g	90g	OK
8	16 BIRDS	GOOD	0	OFF							
9	9 birds	good	0	OFF							
10	5 birds	good	0	OFF							
11	3 birds	good	0	OFF							
12	6 birds	good	0	OFF							
13	5 birds	good	0	OFF							
14	9 birds	good	0	OFF					80 gals.	120 gals.	good
15	6 birds	good	0	OFF							
16	3 birds	good	0	OFF							
17	4 Birds	good	0	OFF							
18	2 Birds	good	0	OFF							
19	3 Birds	good	0	OFF							
20	4 Birds	good	24"	OFF							
21	7 birds	good	0	OFF					70 gals	100 gals	good
22	2 birds	good	24"	OFF							
23	7 birds	good	23.5"	OFF							
24	4 birds	GOOD	23.5	OFF							
25	5 BIRDS	GOOD	23.5	OFF							
26	6 BIRDS	GOOD	23.5	OFF							
27	4 Birds	GOOD	23.5"	OFF							
28											
29											
30											
31											

The sampling and pumping protocol from the 10" diameter LCRS and 4" diameter vadose zone monitoring pipelines was changed between January and February 2017. During January 2017, operators ran the sample pump for 20 minutes. During February operators ran the sample pump for as long as water was observed at the pump discharge. The sample pumping times for February 2017 were not available for this report. However, it was verbally explained that sample pumping of one hour and 20 minutes had occurred in February 2017 under this revised protocol.



# BIOLOGIST



**Treatment Plant  
Log Book**

# LAGOON

# NPDES

Permit R3-2011-0223

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Date/Day: \_\_\_\_\_

Location: \_\_\_\_\_

Date/Day: 8.7.16

Location: Brine pond

11am 63°F air, brine pond water 78°F, wind 20-40 NW  
 Brine pond going down in volume. water is clear.  
 Insects in water. Saw 10 Killdeer, 5 unknown  
 Swallows & a red-shoulder hawk & white tailed kite  
 fly overhead. Fence looks good.  
 Two deer at Van Gordon Creek.

Water in Saw Smeon Creek clear, lots of stickleback  
 fish & little algae. Subsurface flow coming up  
 from gravel  $\approx$  1 cfs. Water temp. in creek  
 62°. ~~the~~ Saw Smeon Creek is no longer  
 reached.

8.7.16 11:30am 59°F foggy, S, 20 birds total  
 5 Killdeer, 10 sandpipers, 1 sandpiper, 3 mallards,  
~~1 black-goose night heron~~ 1 adult great blue  
 heron, brine pond water T 80°F. Some  
 insects & clear.

Saw Smeon Creek 62°F, clear with some  
 subsurface algae and flow down from 1 cfs to  
 0.1 cfs. Still lots of stickleback & depth down  
 $\approx$  0.5 feet.



Date/Day: \_\_\_\_\_

Location: \_\_\_\_\_

8.21.16 1035 am Smoke from fire. Birds from inland coming to coast. Saw bald eagle in Cambria & great horned owl on San Simon Creek. Little change from last week except flow up slightly. Could be diurnal variation. San Simon Creek water still  $62^{\circ}\text{F}$ ,  $\approx 50\%$  substrate embedded inverts are hatching & tree frog metamorphosing.

Brine pond water down. 10 birds  
4 Killdeer + 5 sanderling + 1 gull.

8.28.16 1030 am still smoke from fire. little variation in creek parameters (flow lets, water T.  $62^{\circ}\text{F}$ , width/depth etc) from last week. Stickleback + red-shoulder hawk Kingfisher on creek.

Brine pond went down in sink + still inverts.  
6 mallards + 6 killdeer = 12 birds  
Brine pond water  $76^{\circ}\text{F}$

Date/Day: \_\_\_\_\_

Location: \_\_\_\_\_

9.5.16 10.20 am.  $55^{\circ}$  fog clearing. San Simon Creek almost  $2^{\circ}\text{F}$  cooler ( $60^{\circ}\text{F}$ ) slight increase in flow (0.5 cfs) but <sup>water</sup> minor change. Breeding pair of great horned owl  $\approx 100\text{m}$  south of pedestrian bridge. Heard juvenile great horned owl - so breeding area. little algae in creek - still some stickleback. no frog.

Brine pond size smaller. 5 <sup>6 birds total</sup> killdeer - one american kestrel on wire at west side of brine pond, water temp in pond  $70^{\circ}\text{F}$ .

9.11.16 930 am  $54^{\circ}\text{F}$  foggy, cool, misty. San Simon Creek  $\approx 61^{\circ}\text{F}$  but cooler in deep areas. Minor changes in physical parameters. Still 0.5 cfs flow in creek. Very few birds around.

Brine pond had 4 killdeer, 1 cooper's hawk on east side of pond (hunting the birds), 4 sanderling + 1 black phalarope = 10 birds. Saw another cooper's hawk on San Simon Road. Think pair is breeding on Van Gordon Creek. Still water inverts in brine pond. Pond water  $62^{\circ}\text{F}$  - colder than last week.



Date/Day:

Location:

9.18.16 10am clear 60°F still smoke from fire.  
 Beach lagoon down in size but San Simeon Creek  
 up slightly in width + depth. Still some  
 stream flow coming up sub from substrate  
 at Van Gordon Creek tributary. Flow always  
 comes up in this area b/c of underlying  
 geomorphology - this keeping surface algae  
 down. San Simeon Creek 60°F.

Brine pond - 4 killdeer (one must have been eaten  
 by Cooper's Hawk that hangs around site) 1 Grebe +  
 5 mallards = 10 birds. Brine water temp. 68°F.  
 Still plenty of insects for food for birds.

9.25.16 10.20am east wind, dry 68°F air  
 San Simeon Creek down slightly in flow but little  
 change in physical parameters. Algae down in  
 creek. Estuary lower also but very slightly.  
 Creek water T° 61°F - only stickleback seen.  
 Brine pond down in size. Same birds as usual.  
 4 killdeer + 6 mallards + 1 western grebe = 11 birds.  
 water T° in brine pond 71°F

10.2.16 cool 59°F air temp. San Simeon Creek  
 parameters very similar to last week w/ only  
 very slight changes (not even worth mentioning!)  
 Saw coyote + stickleback + 1 grebe. Stream  
 flow  $\approx 0.25$  cfs. Water temp down 1°F (59.6°F)  
 Brine pond 3 birds - all killdeer. Water temp 66°F.  
 Cooper's hawk nearby. Still insects for  
 food.

Date/Day:

Location:

10.9.16 1140am clear east wind 62°F air temp.  
 San Simeon Creek flow down slightly but water  
 temp still 60°F + some sub surface flow ( $\approx 0.25$  cfs)  
 still in between bridge + mouth of Van Gordon Creek  
 Stickleback + coyote again. Evidence of water at rock  
 area but didn't enter riparian. <sup>near well</sup>  
 Brine pond Two birds - killdeer. Pair of noisy  
 red-shoulder hawks on South end of brine pond.  
 Probably eating killdeer. Has more water  
 water temp 76°F.

Estuary no change  
 10.16.16 10.30am cloudy, S wind, 64°F air temp. 10.15.16  $\approx 0.30$  m/sec rain event  
 San Simeon Creek Flow up - depth up 6-12" and width  
 increased by 1'. Stream water temp. 63°F - also up  
 $\approx 2$ °F Stickleback in creek. Lots of birds in for  
 breeding season - great egret, blue heron + kingfisher.  
 Brine Pond larger pond - only 2 killdeer. Cooper hawks  
 near campground. Water temp 66°F.

Estuary no change.  
 10.23.16 10.50am cloudy S wind 56°F air temp.  
 San Simeon Creek 61°F water temp. water clear with  
 Stickleback Herons feeding on fish in creek. water down  
 Brine pond 5 grebes feeding on water. pair of <sup>in</sup> creek  
 red-tail on cypress west of site. Water temp in  
 "pond" 64°F.  
 Estuary no change



Date/Day:

Location:

10.30.16 10:30 am S wind pt. cloudy - rain over weekend 1-2". No breed of estuary. lots of winter birds coming in.

Sand Simon Creek very little change in measurements but water temp (59°F) down slightly. Stickleback + 0.5 cfs flow just above Van Gordon trib (normal flow) Brine Pond larger in size + water temp. 68°F. 2 Killdeer, 1 dowitcher, 3 western grebes + 20 mallards = 26 birds.  
 lesser yellowlegs  
 sandpiper

11.6.16 12:48 pm pt cloudy. 68°F air temp. Estuary 1 g maver + 1 boat over spill into estuary which is not breached. Sand Simon Creek slightly down in depth but slightly wider. Some subsurface flow (0.5 cfs) stickleback clear water. lots birds feeding on fish @ St Park. Herons crows. Water temp. 62°F  
 Brine Pond larger in size + proverts for food 4 grebes, 2 juvenile killdeer, 34 mallards = 40 birds. They like the habitat which has food water temp in pond 70°F.

11.13.16 10:30 am Clear 68°F air temp. Estuary due to 1g tides + full moon water coming over sand spit. Sand Simon Creek is up in depth + width ~30-50% could barely walk down creek + water came into waders Great blue heron + grebes on creek + small tree frog calling. Water was turbid but sediment was settling down. Water temp 60°F. <sup>10 maver</sup>  
 Brine pond water temp 69°F. 3 Killdeer, 64 mallards, 3 grebes = 72 birds

Date/Day:

Location:

11.21.16 15:50. pt cloudy, cool 64°F - rain event yesterday 2.1 inch of rain. water ponding at pedestrian bridge not flow. Estuary not overtopping sand bar. Sand Simon Creek water back to normal - clear, new gravel from sand - no algae + some stickleback + great horned owl. Water temp 61°F in creek. Brine pond more water due to rain event. many birds 3 Killdeer, 2 grebes, 69 mallards total 74 birds. water temp. 66°F  
 75 1 great blue heron + heard red-shoulder hawk.

11.27.16 9:30 am Pt. cloudy after 1" rain event 55°F air temp. Estuary some breaching but only slight increase in Sand Simon Creek which was clear w/ stickleback. Heard frog calling at creek - CRLF - lots of them - smelt coming out. Creek water temp. 59°F. Brine Pond white tailed kite hunting S of brine pond. 29 birds = 26 mallard, 1 gull, heard grebe! bufflehead.

12.4.16 10:20 am Clear, high pr. Estuary not breached - few birds. Sand Simon Creek down in depths looks like fast drop in water level back to normal from rain event + possibly tidal influence. Clear 58°F water temp w/ heron + g. o. y. Stb. Some algae on creek bottom that gets kicked up + will be gone w/ 1st good rain. Brine Pond 4 boots feeding on algae, 2 Killdeer 4 bufflehead, 64 mallard = 74 birds. took drone shot.

algae settling to bottom + clear water, water temp 64°F.  
 12.11.16 10:50 am Estuary not breached but Sand Simon Creek up 30-50% - went over waders water cold 56°F. heard likely CRLF jump where me enter creek + upstream ~300m on left. Water tea colored but no algae - couldn't see fish. had rain event last 2 days + likely ↑ stream flow. Brine Pond water T° 71°F w/ boatman bloom 53 mallards, 3 Killdeer, 1 gull, 5 bufflehead = 62 birds



Date/Day:

Location:

12-18-16 1050 am clear, cool 51° Fair-high pressure.  
 Estuary breached + flowing  $\approx$  50 cfs. Saw Simeon Creek  
 huge changes after 2" rain on coast + 4" rain in hills  
 Water T°  $\downarrow$  significantly to 48° F. Evidence of flash  
 flows with movement of rubble + debris  $\approx$  10 ft. on bank  
 in 2 outer berms w/ sediment ~~debris~~ deposit on inside.  
 No fish / birds seen. Water depth high + turbidity  
 dropping. Obviously debris field came through but  
 no jams in project area where we go.  
 Brine Pond 2 Killdeer, 12 mallards, 7 bufflehead = 21 birds  
 water T° 52° F.

12-26-16 1030 am clear cool 55° another rain event last  
 week. Estuary breached + flowing  $\approx$  30 cfs. Saw Simeon Creek  
 down ~~slightly~~ slightly in depth + flow and up slightly  
 in water temp (50° F) excellent movement of  
 rubble + gravel for fish habitat and new  
 root mat pools forming but no fish seen.  
 Water clear and flowing  $\approx$  10 cfs. Brine pond  
 two red-shoulder hawks flying around.  
 (also Van Gordon flowed w/ last rain event)

51° F on 52° F water temp brine pond 6 birds = 1 Killdeer  
 5 bufflehead (Thank Larry!)

1-2-17 11 am. 55° Fair temp. Cloudy. Estuary breached  
 w/ 3 cfs flow + clear. Saw Simeon Creek. Clearest  
 we have ever seen: no algae not sediment.  
 Saw goby? nice substrate + root mat pools  
 formed. High flows opened up channel.  
 Still some sediment in shallow areas but  
 excellent fish habitat. Water wld down  
 slightly from last week. Water T° 52° F.  
 Brine Pond 8 birds - 5 bufflehead, 2 eared grebe, 1  
 10 bonaparte gull, water temp 53° F.

Date/Day:

Location:

1-8-17 11 am cloudy 61° Fair temp. a series of low  
 pressure rain event hitting coast (at no river) w/ 6 +  
 inches in hills + more coming. Estuary breached  $\approx$   
 25 cfs. Saw Simeon Creek turbid + bank to bank  
 $\approx$  50 cfs. all traps flowing + Van Gordon creek  
 high + some flow coming over Van Gordon alluvium to  
 the N of site. Creek moving debris. Brine Pond  
 up to 3° freeboard - turbid. 4 bufflehead, 2 mallard,  
 4 grebe + 3 Killdeer = 13 birds total.

1-15-17 11:20 am pt cloudy high pressure air temp 53° F.  
 Estuary breached + creek now flowing almost directly  
 into ocean. Saw Simeon Creek observed tidal influence  
 (waves) above pedestrian bridge. Water temp 52° F.  
 Water turbid from tidal + sediment. Water depth  
 down from last week but width about the same.

Substrate movement throughout channel. Van Gordon  
 high flows about 3+ ft +  $\approx$  20 cfs during survey.

Strong thalweg in areas. Channel very open.  
 Brine Pond water T° temp. 58° F - water level 1 ft  
 from max level. 13 birds. 6 mallard, 5 bufflehead,  
 2 Killdeer.

1-24-17 1130 am pt. cloudy. Air temp 52° F. Estuary breached +  
 flowing into ocean w/ lots of woody debris deposited.  
 Saw Simeon Creek high flows  $\approx$  75 cfs w/ lots of sediment.  
 Water temp 52° F. Van Gordon flowing. Lots of water depth  
 bank to bank. Brine Pond water temp 54° F. 7 birds total:  
 2 mallard, 3 bufflehead, 2 Killdeer.



Date/Day:

Location:

1-29-17 1330 clear 65°F air temp. Estuary breached  
 some flow ~ 20 cfs. water murky sediment from  
 Van Gordon Creek + downstream. Saw Simeon Creek  
 walked Van Gordon flowing ~ 20-10 cfs excellent  
 fish habitat but small drainage + some sediment ~  
 75%. water temp in main stem 54-56°F. Cooler  
 water near bridge from tidal influence  
 water very high ~ 5-7 ft. and width 45 ft w/  
 sediment <sup>depth</sup> ~ 50% and flow ~ 25 cfs. Brine Pond  
 water temp 58°F. 2 killdeer, 1 grebe = 3 birds  
 water looks like it has sediment.

2-5-17 1030 in cloudy, etc rain event on way. Estuary  
 breached. Saw ~~Simeon~~ Simeon Creek water levels down  
 but slightly - strong helium. lots windows down  
 Van Gordon has sediment + flowing ~ 5-10 cfs.

Saw Simeon ~ 30 cfs. water temp. 52°F width ~ 40 ft  
 depth ~ 4 ft. Brine Pond 7 mallard, 2 bufflehead,  
 2 killdeer, 1 grebe = 12 birds. water temp. 58°F.

2-13-17 1130 in pt cloudy. Estuary breached.

Saw Simeon Creek ~ 30 cfs, Van Gordon ~ 18 cfs. water  
 temp in Van Gordon 52°, Saw Simeon 54°. Creek  
 still has sediment from upstream off site ~ 4 ft.

Brine Pond 2 mallard, 3 bufflehead, 2 killdeer,  
 1 leared grebe = 8 total. water temp 62°F.

2-19-17 11:00 cloudy Raining. Estuary breached

Brine Pond 5 birds, 2 bufflehead, 1 leared grebe,  
 2 killdeer. water temp 59°F. Saw Simeon Creek

water temp 54°F. Lots sediment moving down  
 both S. Simeon + Van Gordon. V. Gordon ~ 20 cfs  
 Saw Simeon ~ 50 cfs.

Date/Day:

Location:

2-26-17 10:10am clear w/some clouds (fog) coming in. 50°F air  
 temp. Estuary breached w/wooly debris. Saw Simeon Creek  
 water 51°F. flow down ~~slightly~~ slightly from last week  
 ~ 25 cfs for Saw Simeon Creek + 10 cfs for Van  
 Gordon. Still lots silt in both creeks, notice lots  
 of glass bottle washing down Van Gordon Creek.  
 width ~ 30-40 ft. Brine Pond water temp 60°  
 10 birds: 2 mallard, 3 bufflehead, 1 leared grebe, 2 killdeer,  
 2 cin teal.



**CAMBRIA COMMUNITY SERVICES DISTRICT  
BUDGET DEVELOPMENT SCHEDULE  
FISCAL YEAR 2017 - 2018**

**THURSDAY 3/16/17 @ 2:00 PM**

**BUDGET COMMITTEE MEETING**

REVIEW FIRST DRAFT OF BUDGET

**THURSDAY 4/27/17 @ 12:30 PM**

**REGULAR BOARD MEETING**

FIRST DRAFT OF BUDGET PRESENTED TO BOARD

**TUESDAY 5/9/17 @ 4:00 PM**

**PUBLIC WORKSHOP**

REVIEW SECOND DRAFT OF BUDGET

**THURSDAY 5/25/17 @ 12:30 PM**

**REGULAR BOARD MEETING**

THIRD DRAFT OF BUDGET PRESENTED TO BOARD

**THURSDAY 6/22/17 @ 6:00 PM**

**REGULAR BOARD MEETING**

FINAL BUDGET ADOPTED BY BOARD

03.23.2017

# Cambria CSD Project Status: 2017

**Project Name**

Cambria Community  
Service District Status  
Report

**Client Name**

Cambria Community  
Service District

**Project Manager**

Dean Florez/BPR

**Prepared By**

Balance Public Relations

Public Presentation on  
this plan: **FEB 23rd,**  
**2017.**



## Snapshot of Projects

Activity	% Complete	Issues	Actions	Next Steps
<b>Tree Mortality</b>	80% Ongoing	<p>Change criteria and designation from volume of dead or dying trees to other factors such as major property damage or loss of life.</p> <p>AB 425, as introduced, Caballero. Timber harvesting plans: exemptions.</p> <p>AB 524, as introduced, Bigelow. Personal income taxes: deduction: removal of dead or dying trees.</p> <p>SB 302, as introduced, Mendoza. Joint powers agencies: fire protection: funds.</p>	<p>Bills have been referred to Com. on NAT. RES.— Hearing March 12<sup>th</sup></p> <p>Referred to Com. on REV. &amp; TAX.— HEARING March 16.</p> <p>Referred to Com. on REV. &amp; TAX.— HEARING March 16.</p>	<p>Tracking Bills for language pertinent to Cambria</p> <p>Legislative Monitoring</p>
<b>State Parks &amp; Entry Issue</b>	70%	<p>Resolution at State Level on remote sensing instruments.</p> <p>Remote Sensing Instruments on the Lower San Simeon Creek Pedestrian Bridge</p>	<p>Meeting and discussion with Assemblyman Cunningham Office</p> <p>Discussion with State Legislative Counsel</p> <p>Discussion with CCSD staff and Board members on plan.</p>	<p>Secure information for legislative counsel analysis.</p> <p>Discussion with State Parks &amp; future meeting with officials in Sacramento.</p> <p>Work with Assemblyman office to seek a solution to access issue.</p>

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Los Angeles, CA 90012

www.BalanceBRR.com  
dean@balancebpr.com



03.23.2017

## Cambria CSD Project

Pg.02

Activity	% Complete	Issues	Actions	Next Steps
				Work with CCSD attorneys.
<b>Grant funding</b>	40%	Fiscalini Tank Information to Board Member Farmer AB 2480, Bloom. Source watersheds: financing. Prop 1 Funding Opportunities Federal Aid: Feinstein-McCarthy Water Bill	Bloom: seeking answer on funds per Chair request. Providing background on Fiscalini Tank.	Bloom funding awaiting answer from DWR Background and Material to CCSD Dir. Farmer
<b>Water Rights</b>	50%	State Division of Water Rights State Water Resources Control Board	San Simeon and Santa Rosa Aquifers- seeking licensing approval	Planned meeting with GM on Cambria day in Sacramento
<b>County/Coastal Commission</b>	50% Ongoing	New Executive Director: John Ainsworth at Coastal Commission	Approval of SWF as Permanent	Ainsworth pending

03.23.2017

## Cambria CSD Project

Pg.03

Activity	% Complete	Issues	Actions	Next Steps
<b>Prop 84 Grant-Construction</b>	95%	Department of Water Resources	Collection 5% funds due	State is awaiting County submittal of documentation  Planned meeting in Sacramento
<b>Education Outreach Efforts</b>	50%	Targeted Meetings with leadership of Assembly and Senate  Targeted meetings with Administration & Regulatory Boards	Meeting in Sacramento: April 16	April 18th meetings secured in Sacramento on Cambria related issues

<b>Forest Climate Action Plan</b>	100%	Inter-Departmental State Agencies & Little Hoover	Fourth Assessment builds on the success of three prior assessments-- Energy Commission (CEC) and another by the California Natural	Reported to Board February meeting.
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03.23.2017

## Cambria CSD Project

Pg.04

			<b>Resources Agency.</b>	
<b>SWF Sales &amp; Use Tax</b>	10%	<p>Discussion with Board of Equalization, Controllers Office</p> <p>Targeted meetings with Administration &amp; Regulatory Boards</p>	Refund of Sales & Use Tax for SWF	<p>Discussion with Board of Equalization</p> <p>Discussion with State Controller</p> <p>Conference call on matter for decision on consultant.</p>

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
ABALONE COAST ANALYTICAL, II	64253	2/2/2017	1	100.00	SWF/COLIFORM	40 6091H 11
ABALONE COAST ANALYTICAL, II	64253	2/2/2017	1	50.60	SWF/NITROGEN	40 6091H 11
ABALONE COAST ANALYTICAL, II	64253	2/2/2017	1	527.80	SWF/TOTAL ORGANIC CARBON CHLORIDE BOD	40 6091H 11
ABALONE COAST ANALYTICAL, II	64253	2/2/2017	1	50.60	SWF/NITROGEN	40 6091H 11
ABALONE COAST ANALYTICAL, II	64253	2/2/2017	1	75.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
ABALONE COAST ANALYTICAL, II	64253	2/2/2017	1	100.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
ABALONE COAST ANALYTICAL, II	64253	2/2/2017	1	75.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/MIW-1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/SS3 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/SS2 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/9P7 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/MW4 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/16D1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/SS1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/RIW-1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	75.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	423.50	SWF/LEACHATE	40 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/16D1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/9P7 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/SS2 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/MIW-1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/SS3 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/MW4 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/RIW-1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	1,127.50	SWF/SS1 MONTHLY GW MONITORING	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	423.50	SWF/LEACHATE	40 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	75.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	75.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	907.50	SWF/ANNUAL PRODUCT WATER PRE-RO	39 6091H 11
ABALONE COAST ANALYTICAL, II	64361	2/14/2017	1	3,231.80	SWF/ANNUAL PRODUCT WATER POST RO	39 6091H 11

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

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ABALONE COAST ANALYTICAL, II	64382	2/17/2017	1	102.00	WW/OIL & GREASE TOTAL SUSPENDED SOLIDS	12 6032T 12
ABALONE COAST ANALYTICAL, II	64382	2/17/2017	1	509.80	SWF/BOD TOTAL ORGANIC CARBON, AMMONIA, CHLORII	40 6091H 11
ABALONE COAST ANALYTICAL, II	64382	2/17/2017	1	153.00	SWF/COLIFORM	40 6091H 11
ABALONE COAST ANALYTICAL, II	64382	2/17/2017	1	75.60	SWF/TOTAL NITROGEN	40 6091H 11
ABALONE COAST ANALYTICAL, II	64382	2/17/2017	1	100.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
ABALONE COAST ANALYTICAL, II	64382	2/17/2017	1	75.00	WW/TOTAL SUSPENDED SOLIDS	12 6091 12
				25,245.70		
ACCURATE MAILING SERVICE	64230	2/1/2017	1	45.00	WD/POSTAGE DEPOSIT REMINDER NOTICES 02/2017	11 6051 11
ACCURATE MAILING SERVICE	64230	2/1/2017	2	45.00	WW/POSTAGE DEPOSIT REMINDER NOTICES 02/2017	12 6051 12
ACCURATE MAILING SERVICE	64230	2/1/2017	3	5.00	WD/MAILING SERVICES REMINDER NOTICES 02/2017	11 6080M 11
ACCURATE MAILING SERVICE	64230	2/1/2017	4	5.00	WW/MAILING SERVICES REMINDER NOTICES 02/2017	12 6080M 12
ACCURATE MAILING SERVICE	64254	2/2/2017	1	(700.00)	WD/PRE-PAY POSTAGE NOVEMBER DECEMBER UTIL BILL	11 6051 11
ACCURATE MAILING SERVICE	64254	2/2/2017	2	(700.00)	WW/PRE-PAY POSTAGE NOVEMBER DECEMBER UTIL BILL	12 6051 12
ACCURATE MAILING SERVICE	64254	2/2/2017	3	829.37	WD/REMAINDER DUE POSTAGE NOV DECEMBER UTIL BILL	11 6051 11
ACCURATE MAILING SERVICE	64254	2/2/2017	4	829.37	WW/REMAINDER DUE POSTAGE NOV DECEMBER UTIL BILL	12 6051 12
ACCURATE MAILING SERVICE	64254	2/2/2017	5	(100.00)	WD/PRE-PAY MAILING SERVICES NOV DEC UTIL BILLS	11 6080M 11
ACCURATE MAILING SERVICE	64254	2/2/2017	6	(100.00)	WW/PRE-PAY MAILING SERVICES NOV DEC UTIL BILLS	12 6080M 12
ACCURATE MAILING SERVICE	64254	2/2/2017	7	264.32	WD/REMAINDER DUE MAILING SERV NOV DEC UTIL BILLS	11 6080M 11
ACCURATE MAILING SERVICE	64254	2/2/2017	8	264.33	WW/REMAINDER DUE MAILING SERV NOV DEC UTIL BILL	12 6080M 12
ACCURATE MAILING SERVICE	64254	2/2/2017	1	91.34	WD/FISCALINI WATER TANK LETTER	11 6051 11
ACCURATE MAILING SERVICE	64254	2/2/2017	2	39.03	WD/FISCALINI WATER TANK LETTER	11 6080M 11
ACCURATE MAILING SERVICE	64383	2/17/2017	1	(45.00)	WD/PRE-PAY POSTAGE NOV DEC LATE NOTICE	11 6051 11
ACCURATE MAILING SERVICE	64383	2/17/2017	2	(45.00)	WW/PRE-PAY POSTAGE NOV DEC LATE NOTICE	12 6051 12
ACCURATE MAILING SERVICE	64383	2/17/2017	3	46.79	WD/REMAINDER DUE POSTAGE NOV DEC LATE NOTICES	11 6051 11
ACCURATE MAILING SERVICE	64383	2/17/2017	4	46.80	WW/REMAINDER DUE POSTAGE NOV DEC LATE NOTICES	12 6051 12
ACCURATE MAILING SERVICE	64383	2/17/2017	5	(5.00)	WD/PRE-PAY MAILING SERVICES NOV DEC LATE NOTICES	11 6080M 11
ACCURATE MAILING SERVICE	64383	2/17/2017	6	(5.00)	WW/PRE-PAY MAILING SERVICES NOV DEC LATE NOTICES	12 6080M 12
ACCURATE MAILING SERVICE	64383	2/17/2017	7	6.44	WD/REMAINDER DUE MAILING NOV DEC LATE NOTICES	11 6080M 11
ACCURATE MAILING SERVICE	64383	2/17/2017	8	6.45	WW/REMAINDER DUE MAILING NOV DEC LATE NOTICES	12 6080M 12



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
				824.24		
AGP VIDEO	64300	2/8/2017	1	993.75	ADM/VIDEO PROD DIST & STREAM BRD MTG 1/19/17	01 6086 09
AIRGAS USA, LLC	64384	2/17/2017	1	395.00	FD/OXYGEN CYLINDERS	01 6040 01
AL'S SEPTIC PUMPING, INC	64257	2/2/2017	1	355.00	SWF/PUMPING AND DISPOSAL OF SEPTIC WASTE	40 6091 11
AL'S SEPTIC PUMPING, INC	64257	2/2/2017	1	355.00	SWF/PUMPING AND DISPOSAL OF SEPTIC WASTE	40 6031Z 11
				710.00		
ALPHA FIRE & SECURITY ALARM	64256	2/2/2017	1	420.00	ADM/TROUBLESHOOT KEY PAD AT ADMIN OFFICE	01 6048 09
AMERICAN WATER WORKS ASSN	64301	2/8/2017	1	210.00	WD/ANNUAL & SECTIONAL DUES SMALL SYST UTIL MEME	11 6054 11
AMERICAN WATER WORKS ASSN	64301	2/8/2017	2	210.00	WD/ANNUAL & SECTIONAL DUES SMALL SYST UTIL MEME	12 6054 12
				420.00		
ANDREW THOMSON	64322	2/8/2017	1	2,049.77	WD/TROUBLESHOOT/RESPOND TO STORM COMM FAILU	11 6170 11
ANDREW THOMSON	64322	2/8/2017	1	750.00	WD/SIMPLIFY DATA COLLECTION PROCESS	11 6031W 11
ANDREW THOMSON	64429	2/23/2017	1	450.00	WD/TROUBLESHOOT FISCALINI COMM FAILURE REMOTE	11 1832 11
ANDREW THOMSON	64429	2/23/2017	1	797.70	WD/REPAIRED TRANSDUCERS CAT 5 CABLES	11 1832 11
ANDREW THOMSON	64429	2/23/2017	1	1,681.37	WD/REPAIRED SHORT IN PUMP RELAY	11 6031Y 11
ANDREW THOMSON	64429	2/23/2017	1	1,739.66	WD/RESPONDED TO COMM ALARM DOWN	11 1814A 11
				7,468.50		
AT&T	64420	2/23/2017	1	296.51	WD/ALARM AT VAN GORDON WELL FIELD FEBRUARY 201	11 6060P 11
AT&T/CALNET3	64358	2/9/2017	1	19.73	WW/ALARM AT LIFT STN 8 924-1550 SVC THRU 01/09/17	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.72	WW/ALARM AT LIFT STN B3 924-1550 SVC THRU 01/09/1	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.72	WW/ALARM AT LIFT STN B1 924-1038 SVC THRU 01/09/1	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.70	WW/ALARM AT LIFT STN B2 924-1068 SVC THRU 01/01/1	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.79	WW/ALARM AT LIFT STN B 924-1492 SVC THRU 01/06/17	12 6060P 12

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
AT&T/CALNET3	64358	2/9/2017	1	19.70	WW/ALARM AT LIFT STN A 927-1538 SVC THRU 01/09/17	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.70	WW/ALARM AT LIFT STN A1 924-1708 SVC THRU 01/09/17	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.79	WW/FAX LINE 927-0178 SVC THRU 01/09/16	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.70	WD/TELEMETRY SYSTEM 927-0398 SVC THRU 01/09/17	11 6060P 11
AT&T/CALNET3	64358	2/9/2017	1	37.50	F&R/VETS HALL ALARM 927-0493 SVC THRU 01/09/17	01 6060P 02
AT&T/CALNET3	64358	2/9/2017	1	19.70	WW/ALARM AT LIFT STN 4 927-1518 SVC THRU 01/09/17	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.70	WW/ALARM AT LIFT STN 8 927-1591 SVC THRU 01/09/17	12 6060P 12
AT&T/CALNET3	64358	2/9/2017	1	19.70	WD/LEIMERT PUMP STN 927-1972 SVC THRU 01/09/17	11 6060P 11
AT&T/CALNET3	64358	2/9/2017	1	20.09	ADM/FAX LINE 927-5584 SVC THRU 01/09/17	01 6060P 09
AT&T/CALNET3	64358	2/9/2017	1	67.77	WD/PHONE AND FAX LINE 927-6226 SVC THRU 01/09/17	11 6060P 11
				658.52		
BADGER METER INC.	64362	2/14/2017	1	30.00	WD/ORION CELLULAR 1XRTT SERVICE UNIT	11 6031 11
BADGER METER INC.	64362	2/14/2017	1	30.00	WD/ORION CELLULAR 1XRTT SERVICE UNIT	11 6031 11
				60.00		
BAHRINGER, JAMES	64302	2/8/2017	1	46.01	ADM/CSDA ANNUAL MEETING	01 6120D 09
BALANCE PUBLIC RELATIONS	64232	2/1/2017	1	2,833.33	WD/CONSULTING SERVICE: GRANT FUNDING 02/2017	11 6080M 10
BALANCE PUBLIC RELATIONS	64232	2/1/2017	2	2,833.33	WW/CONSULTING SERVICE: GRANT FUNDING 02/2017	12 6086 12
BALANCE PUBLIC RELATIONS	64232	2/1/2017	3	2,833.34	SWF/CONSULTING SERVICE: GRANT FUNDING 02/2017	39 1829K 11
				8,500.00		
BIG TREE	64363	2/14/2017	1	1,200.00	F&R/REMOVE TWO PINE TREES BEHIND HOUSE ON STUA	01 6033G 02
BOUND TREE MEDICAL, LLC	64259	2/2/2017	1	193.04	FD/CURAPLEX PEDI BOARD WITH BLACK CASE	01 6089 01
BRENNTAG PACIFIC, INC.	64303	2/8/2017	1	218.93	WD/CHEMICALS	11 6031T 11
BRENNTAG PACIFIC, INC.	64364	2/14/2017	1	262.17	WD/CHEMICALS	11 6031T 11
BRENNTAG PACIFIC, INC.	64364	2/14/2017	1	104.98	WD/CHEMICALS	11 6031T 11

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
				586.08		
BREZDEN PEST CONTROL, INC.	64365	2/14/2017	1	2,475.00	SWF/MONTHLY SILVER PRO SERVICE - GOPHERS	40 6031Z 11
BREZDEN PEST CONTROL, INC.	64365	2/14/2017	1	420.00	SWF/MONTHLY SILVER PRO PEST CONTROL - GOPHERS	40 6031Z 11
				2,895.00		
BRIDGELINE DIGITAL INC.	64386	2/17/2017	1	200.75	ADM/MONTHLY HOSTING FEE JANUARY 2017	01 6011W 09
BRIDGELINE DIGITAL INC.	64386	2/17/2017	1	200.75	ADM/MONTH HOSTING FEE FEBRUARY 2017	01 6011W 09
				401.50		
BUHL, JASON	64233	2/1/2017	1	45.00	WD/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	11 6060C 11
BUHL, JASON	64260	2/2/2017	1	74.90	WD/COMPUTER SKILLS EXCEL SPREADSHEETS	11 6120E 11
BUHL, JASON	64260	2/2/2017	1	74.90	WD/EXCEL SPREADSHEET CLASS 1/28/17 AND 2/2/17	11 6120E 11
BUHL, JASON	64260	2/2/2017	1	74.90	WD/MICROSOFT CLASSES "LEARN THE COMPUTER"	11 6120E 11
BUHL, JASON	64260	2/2/2017	1	74.90	WD/MICROSOFT CLASS "LEARN THE COMPUTER"	11 6120E 11
				344.60		
BURKEY, MICHAEL A	64261	2/2/2017	1	150.00	FD/REIMBURSEMENT FOR DMV PHYSICAL	01 6125 01
BURKEY, MICHAEL A	64422	2/23/2017	1	663.49	FD/INSTRUCTOR 1A CLASS, STATE FIRE MARSHALL CERT	01 6120E 01
				813.49		
BUSINESSPLANS, INC.	64262	2/2/2017	1	264.00	ADM/MONTHLY HRA PLAN JANUARY 2017	01 6086 09
BUSINESSPLANS, INC.	64387	2/17/2017	1	273.00	ADM/MONHTLY HRA PLAN FEBRUARY 2017	01 6086 09
				537.00		
CAL-COAST MACHINERY INC.	64263	2/2/2017	1	106.46	WW/MAINT & REPAIR SOLENOID MAGNETIC PUP TOOL	12 6041N 12
CALLBACK STAFFING SOLUTIONS	64264	2/2/2017	1	374.69	FD/SCHEDULING SERVICE - 19 USERS	01 6080M 01
CAMBRIA AUTO SUPPLY LP	64248	2/1/2017	1	60.65	FD/MAINT & REPAIR SERPENTINE BELT	01 6041L 01



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
CAMBRIA AUTO SUPPLY LP	64421	2/23/2017	1	8.04	WD/MAINT & REPAIR WHEEL CLEANER	11 6041N 11
				68.69		
CAMBRIA HARDWARE CENTER	64279	2/2/2017	1	364.99	WD/HARDWARE SUPPLIES	40 6091B 11
CAMBRIA HARDWARE CENTER	64279	2/2/2017	2	12.43	WD/HARDWARE SUPPLIES	11 6031D 11
CAMBRIA HARDWARE CENTER	64279	2/2/2017	3	13.91	WD/HARDWARE SUPPLIES	11 6093 11
CAMBRIA HARDWARE CENTER	64279	2/2/2017	4	15.56	WD/HARDWARE SUPPLIES	11 6090 11
CAMBRIA HARDWARE CENTER	64397	2/17/2017	1	32.32	WD/HARDWARE SUPPLIES	11 6031D 11
CAMBRIA HARDWARE CENTER	64397	2/17/2017	2	53.31	WD/HARDWARE SUPPLIES	12 6032T 12
CAMBRIA HARDWARE CENTER	64397	2/17/2017	3	1,094.22	SWF/HARDWARE SUPPLIES	40 6031Z 11
CAMBRIA HARDWARE CENTER	64397	2/17/2017	1	4.29	SWF/WW/HARDWARE SUPPLIES	40 6031Z 11
CAMBRIA HARDWARE CENTER	64397	2/17/2017	2	93.24	SWF/WW/HARDWARE SUPPLIES	12 6032L 12
CAMBRIA HARDWARE CENTER	64397	2/17/2017	3	14.32	SWF/WW/HARDWARE SUPPLIES	12 6092 12
CAMBRIA HARDWARE CENTER	64397	2/17/2017	1	13.92	ADM/HARDWARE SUPPLIES	01 6033B 09
CAMBRIA HARDWARE CENTER	64397	2/17/2017	1	361.17	F&R/HARDWARE SUPPLIES	01 6033V 02
CAMBRIA HARDWARE CENTER	64397	2/17/2017	2	132.94	F&R/HARDWARE SUPPLIES	01 6094 02
CAMBRIA HARDWARE CENTER	64397	2/17/2017	3	24.75	F&R/HARDWARE SUPPLIES	01 6033R 02
CAMBRIA HARDWARE CENTER	64397	2/17/2017	1	166.34	FD/HARDWARE SUPPLIES	01 6090 01
				2,397.71		
CAMBRIA ROCK	64427	2/23/2017	1	348.13	WD/10 YARDS OF BASE PLUS DELIVERY	11 6090 11
CAMBRIA ROCK	64427	2/23/2017	1	294.50	WD/10 YARDS OF SAND PLUS DELIVERY	11 6090 11
				642.63		
CAMBRIA VILLAGE SQUARE	64245	2/1/2017	1	2,879.40	ADM/MONTHLY OFFICE LEASE PMT 1316 TAMSEN 02/20:01	6075 09
CAMBRIA VILLAGE SQUARE	64293	2/2/2017	1	643.15	ADM/MONTHLY COMMON AREA MAINT & INS NOV DEC	01 6033G 09
CAMBRIA VILLAGE SQUARE	64375	2/14/2017	1	3,431.45	ADM/MONTHLY OFFICE LEASE PMT 1316 TAMSEN 02/20:01	6075 09
				6,954.00		
CARMEL & NACCASHA LLP	64234	2/1/2017	1	10,000.00	ADM/MONTHLY RETAINER 02/2017	01 6080K 09

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
CARMEL & NACCASHA LLP	64265	2/2/2017	1	2,734.13	FD/COUNSEL SERVICES FOR DECEMBER 2016	01 6080K 01
CARMEL & NACCASHA LLP	64265	2/2/2017	2	652.89	F&R/COUNSEL SERVICES FOR DECEMBER 2016	01 6080K 02
CARMEL & NACCASHA LLP	64265	2/2/2017	3	8,087.01	ADM/COUNSEL SERVICES FOR DECEMBER 2016	01 6080K 09
CARMEL & NACCASHA LLP	64265	2/2/2017	4	93.59	WD/COUNSEL SERVICES FOR DECEMBER 2016	11 6080K 10
CARMEL & NACCASHA LLP	64265	2/2/2017	5	1,028.00	SWF/COUNSEL SERVICES FOR DECEMBER 2016	39 6080K 11
CARMEL & NACCASHA LLP	64265	2/2/2017	6	43.17	WW/COUNSEL SERVICES FOR DECEMBER 2016	12 6080K 12
CARMEL & NACCASHA LLP	64265	2/2/2017	7	(10,000.00)	ADM/COUNSEL SERVICES FOR DECEMBER 2016	01 6080K 09
CARMEL & NACCASHA LLP	64265	2/2/2017	8	3,160.21	WD/COUNSEL SERVICES FOR DECEMBER 2016	11 6080K 11
CARMEL & NACCASHA LLP	64265	2/2/2017	1	3,158.25	WD/COUNSEL SERVICES FOR DECEMBER 2016	11 6080L 11
CARMEL & NACCASHA LLP	64265	2/2/2017	2	60.00	SWF/COUNSEL SERVICES FOR DECEMBER 2016	39 6080L 11
CARMEL & NACCASHA LLP	64304	2/8/2017	1	1,100.00	WD/COUNSEL SERVICES FOR JANUARY 2017	11 6080L 11
CARMEL & NACCASHA LLP	64304	2/8/2017	2	240.00	WW/COUNSEL SERVICES FOR JANUARY 2017	12 6080L 12
CARMEL & NACCASHA LLP	64304	2/8/2017	1	1,724.01	FD/COUNSEL SERVICES FOR JANUARY 2017	01 6080K 01
CARMEL & NACCASHA LLP	64304	2/8/2017	2	310.02	F&R/COUNSEL SERVICES FOR JANUARY 2017	01 6080K 02
CARMEL & NACCASHA LLP	64304	2/8/2017	3	7,937.30	ADM/COUNSEL SERVICES FOR JANUARY 2017	01 6080K 09
CARMEL & NACCASHA LLP	64304	2/8/2017	4	4,462.95	WD/COUNSEL SERVICES FOR JANUARY 2017	11 6080K 11
CARMEL & NACCASHA LLP	64304	2/8/2017	5	1,466.28	SWF/COUNSEL SERVICES FOR JANUARY 2017	39 6080K 11
CARMEL & NACCASHA LLP	64304	2/8/2017	6	83.44	WW/COUNSEL SERVICES FOR JANUARY 2017	12 6080K 12
				36,341.25		
CAROLYN WINFREY	64252	2/1/2017	1	28.75	WD/ACQUIRE 1000 SAND BAGS SAN SIMEON CRK RD FLO	11 6120E 11
CAROLYN WINFREY	64295	2/2/2017	1	29.60	WD/WQCB/IRWM/RWMG/RWQCB MEETINGS IN SLO	11 6115 11
CAROLYN WINFREY	64295	2/2/2017	2	29.60	WW/WQCB/IRWM/RWMG/RWQCB MEETINGS IN SLO	12 6115 12
CAROLYN WINFREY	64325	2/8/2017	1	16.85	WD/DELIVER DEPTH SAMPLING DEVICE TO WWTP	11 6120E 11
CAROLYN WINFREY	64325	2/8/2017	2	16.86	WW/DELIVER DEPTH SAMPLING DEVICE TO WWTP	12 6120E 12
CAROLYN WINFREY	64430	2/23/2017	1	6.95	WD/ PICK UP PLASTIC SHEETING/SAND BAGS	11 6120E 11
CAROLYN WINFREY	64430	2/23/2017	2	6.96	WW/ PICK UP PLASTIC SHEETING/SAND BAGS	12 6120E 12
				135.57		
CASTELLANOS, MICHAEL	64266	2/2/2017	1	275.00	FD/DRIVER OPERATOR 1A CLASS IN SAN DIEGO	01 6120E 01

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
CDM SMITH INC.	64388	2/17/2017	1	399.64	SWF/TASK-1 PROJECT MANAGEMENT	39 1829H 11
CDM SMITH INC.	64388	2/17/2017	2	1,243.44	SWF/TASK-2 POST CONSTRUCTION	39 1829D 11
CDM SMITH INC.	64388	2/17/2017	3	932.58	SWF/TASK-4 SHORT TERM PERMIT	39 1829D 11
CDM SMITH INC.	64388	2/17/2017	4	4,302.87	SWF/TASK-5 LONG TERM PERMIT	39 1829D 11
CDM SMITH INC.	64423	2/23/2017	1	3,053.28	SWF/TASK 2 - 2STUDIES-2-2 POST CONSTRUCTION	39 1829D 11
CDM SMITH INC.	64423	2/23/2017	2	1,237.64	SWF/TASK 3 - ENGINEERING SUPPORT	39 1829E 11
CDM SMITH INC.	64423	2/23/2017	3	39.90	SWF/TASK 4 DIRECT COSTS	39 1829D 11
CDM SMITH INC.	64423	2/23/2017	4	7,272.56	SWF/TASK 5 LONG TERM PERMIT	39 1829D 11
				18,481.91		
CENTRAL COAST COFFEE ROAST	64268	2/2/2017	1	103.68	ADM/OFFICE SUPPLIES COFFEE	01 6050 09
CENTRAL COAST COFFEE ROAST	64268	2/2/2017	1	103.68	F&R/COFFEE ORDER	01 6090 02
CENTRAL COAST COFFEE ROAST	64389	2/17/2017	1	51.84	WW/COFFEE ORDER	12 6050 12
				259.20		
CHAPARRAL BUSINESS MACHINI	64391	2/17/2017	1	29.30	FD/PRINTER SERVICE RICOH - MP C2551	01 6044 01
CHARTER COMMUNICATIONS	64269	2/2/2017	1	272.80	F&R/ETHERNET SERVICE 01/09/17 - 02/08/17 VETS HALL	01 6060I 09
CHARTER COMMUNICATIONS	64269	2/2/2017	2	136.93	F&R/ETHERNET SERVICE 01/09/17 - 02/08/17	01 6060I 02
CHARTER COMMUNICATIONS	64269	2/2/2017	3	230.01	ADM/ETHERNET SERVICE 01/09/17 - 02/08/17	01 6060I 09
CHARTER COMMUNICATIONS	64269	2/2/2017	4	239.00	WD/ETHERNET SERVICE 01/09/17 - 02/08/17	11 6060I 11
CHARTER COMMUNICATIONS	64269	2/2/2017	5	239.00	WW/ETHERNET SERVICE 01/09/17 - 02/08/17	12 6060I 12
CHARTER COMMUNICATIONS	64296	2/2/2017	1	119.98	WW/COAX INTERNET SERVICE FROM 1/8 - 2/17/17	12 6060I 12
CHARTER COMMUNICATIONS	64297	2/2/2017	1	87.50	FD/MONTHLY FIBER INTERNET THRU 2/14/17	01 6060I 01
CHARTER COMMUNICATIONS	64297	2/2/2017	2	87.50	ADM/MONTHLY FIBER INTERNET THRU 2/14/17	01 6060I 09
CHARTER COMMUNICATIONS	64297	2/2/2017	3	87.50	WD/MONTHLY FIBER INTERNET THRU 2/14/17	11 6060I 11
CHARTER COMMUNICATIONS	64297	2/2/2017	4	87.50	WW/MONTHLY FIBER INTERNET THRU 2/14/17	12 6060I 12
CHARTER COMMUNICATIONS	64297	2/2/2017	5	443.77	WW/MONTHLY MONTHLY PHONE AND TAX	12 6060P 12
CHARTER COMMUNICATIONS	64366	2/14/2017	1	87.50	FD/MONTHLY FIBER INTERNET THRU 03/14/17	01 6060I 01



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
CHARTER COMMUNICATIONS	64366	2/14/2017	2	87.50	ADM/MONTHLY FIBER INTERNET THRU 03/14/17	01 6060I 09
CHARTER COMMUNICATIONS	64366	2/14/2017	3	87.50	WD/MONTHLY FIBER INTERNET THRU 03/14/17	11 6060I 11
CHARTER COMMUNICATIONS	64366	2/14/2017	4	87.50	WW/MONTHLY FIBER INTERNET THRU 03/14/17	12 6060I 12
CHARTER COMMUNICATIONS	64366	2/14/2017	5	445.56	ADM/MONTHLY PHONE SERV 927-9223 AND TAXES	01 6060P 09
CHARTER COMMUNICATIONS	64376	2/14/2017	1	272.61	F&R/ETHERNET SERVICE 12/10 - 1/09/17 VETS HALL	01 6060I 02
CHARTER COMMUNICATIONS	64376	2/14/2017	2	136.84	F&R/ETHERNET SERVICE 12/10 - 1/09/17	01 6060I 02
CHARTER COMMUNICATIONS	64376	2/14/2017	3	229.85	ADM/ETHERNET SERVICE 12/10 - 1/09/17	01 6060I 09
CHARTER COMMUNICATIONS	64376	2/14/2017	4	240.46	WD/ETHERNET SERVICE 12/10 - 1/09/17	11 6060I 11
CHARTER COMMUNICATIONS	64376	2/14/2017	5	240.46	WW/ETHERNET SERVICE 12/10 - 1/09/17	12 6060I 12
CHARTER COMMUNICATIONS	64390	2/17/2017	1	121.77	WW/COAX INTERNET SERVICE 02/18/17 - 03/17/17	12 6060I 12
				4,069.04		
CINDY CLEVELAND	64249	2/1/2017	1	3,520.00	SWF/WEEKLY MONITOR 12/11 18 26/16 & 1/2/17	40 6091E 11
COASTAL COPY, INC.	64270	2/2/2017	1	183.98	ADM/USAGE 3503 12/14/16 TO 01/13/17	01 6044 09
CORBIN WILLITS SYSTEMS	64235	2/1/2017	1	1,224.12	ADM/MONTHLY SUPPORT AGRMT - MOM SOFTWARE 02,01	6044 09
CRYSTAL SPRINGS WATER CO.	64392	2/17/2017	1	60.61	WW/SPRING DRINKING WATER	12 6032T 12
CRYSTAL SPRINGS WATER CO.	64392	2/17/2017	1	20.48	WW/SPRING DRINKING WATER	12 6032T 12
				81.09		
CULLIGAN-KITZMAN WATER	64394	2/17/2017	1	81.50	FD/WATER SOFTENER SERVICE AND RO SERVICE	01 6033B 01
DAVID CRYE, INC	64271	2/2/2017	1	45.85	F&R/CLASS II BASE B 2.93 TONS	01 6033R 02
DAVID CRYE, INC	64305	2/8/2017	1	102.45	F&R/CRUSHED RED ROCK 8.62 TONS	01 6033B 02
DAVID CRYE, INC	64393	2/17/2017	1	467.08	F&R/41.22 TONS OF CRUSHED RED ROCK	01 6033R 02
				615.38		
DC FROST ASSOCIATES, INC.	64272	2/2/2017	1	2,500.00	SWF/SERVICE ON THE TROJAN UV PHOX (ONE DAY)	40 6031Z 11

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
DEPTH PERCEPTIONS DIVING	64273	2/2/2017	1	336.36	FD/SCUBA DUFFEL BAG, RESCUE FIN BELTS YELLOW	01 6220S 01
DIANA'S CLEANING SERVICES	64306	2/8/2017	1	150.00	WD/MONTHLY OFFICE CLEANING	11 6031Y 11
DIANA'S CLEANING SERVICES	64306	2/8/2017	2	150.00	WW/MONTHLY OFFICE CLEANING	12 6033B 12
				300.00		
ELIZABETH WEATHERLY	64381	2/17/2017	1	95.27	MQ CUSTOMER REFUND	11 2005
FENCE FACTORY, THE	64274	2/2/2017	1	52.50	F&R/TEMPORARY FENCE RENTAL 01/27 - 02/26/17	01 6033R 02
FERGUSON ENTERPRISES, INC #1	64275	2/2/2017	1	809.34	WD/MAINT & REPAIR VALVE	11 6031D 11
FERGUSON ENTERPRISES, INC #1	64275	2/2/2017	1	213.99	WD/MAINT & REPAIR COVER GASKET CHECK VALVE	11 6031R 11
FERGUSON ENTERPRISES, INC #1	64275	2/2/2017	1	1,149.27	WD/MAINT & REPAIR CHECK VALVE	11 6031R 11
FERGUSON ENTERPRISES, INC #1	64395	2/17/2017	1	1,049.93	SWF/MAINT & REPAIR CAMLOCKS, PVC PIPE, ADAPTER	40 6031Z 11
FERGUSON ENTERPRISES, INC #1	64395	2/17/2017	1	877.58	WW/MAINT & REPAIR EFFLUENT PUMP PIPING	12 6032T 12
FERGUSON ENTERPRISES, INC #1	64395	2/17/2017	1	332.63	WW/MAINT & REPAIR MISCELLANEOUS REPAIR PARTS	12 6095 12
				4,432.74		
FGL ENVIRONMENTAL	64276	2/2/2017	1	168.00	SWF/INORGANIC & SUPPORT ANALYSIS 12/02/16	40 6091H 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	202.50	INORGANIC & SUPPORT ANALYSIS 12/03/16	40 6091H 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	69.00	SWF/INORGANIC & SUPPORT ANALYSIS 12/08/16	40 6091H 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	306.00	SWF/INORGANIC & SUPPORT ANALYSIS 12/09/16	40 6091H 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	46.00	SWF/INORGAIC & SUPPORT ANALYSIS 12/13/16	40 6091H 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	163.00	SWF/INORGANIC & SUPPORT ANALYSIS 12/15/16	40 6091H 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	90.00	WD/BACTI & SUPPORT ANALYSIS 12/20/16	11 6091 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	90.00	WD/BACTI & SUPPORT ANALYSIS 12/27/16	11 6091 11
FGL ENVIRONMENTAL	64276	2/2/2017	1	110.00	WD/BACTI & SUPPORT ANALYSIS 01/03/17	11 6091 11
FGL ENVIRONMENTAL	64368	2/14/2017	1	167.00	WD/INORGANIC ANALYSIS 11/18/16	11 6091 11
FGL ENVIRONMENTAL	64368	2/14/2017	1	71.00	WD/INORGANIC & SUPPORT ANALYSIS 12/14/16	11 6091 11

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
FGL ENVIRONMENTAL	64368	2/14/2017	1	51.00	WW/INORGANIC & SUPPORT ANALYSIS 12/20/16	12 6091 12
FGL ENVIRONMENTAL	64368	2/14/2017	1	90.00	WD/BACTI & SUPPORT ANALYSIS 01/10/17	11 6091 11
FGL ENVIRONMENTAL	64368	2/14/2017	1	818.00	WW/INORGANIC/ORGANIC/SUPPORT ANALYSIS 01/10/17	12 6091 12
FGL ENVIRONMENTAL	64368	2/14/2017	1	90.00	WD/BACTI & SUPPORT ANALYSIS 01/17/17	11 6091 11
FGL ENVIRONMENTAL	64368	2/14/2017	1	90.00	WD/BACTI & SUPPORT ANALYSIS 01/24/17	11 6091 11
FGL ENVIRONMENTAL	64368	2/14/2017	1	95.00	WD/BACTI & SUPPORT ANALYSIS 01/31/17	11 6091 11
FGL ENVIRONMENTAL	64396	2/17/2017	1	145.00	WW/INORGANIC ANALYSIS 11/02/16	12 6091 12
FGL ENVIRONMENTAL	64396	2/17/2017	1	145.00	SWF/INORGANIC ANALYSIS 11/08/16	40 6091H 11
				3,006.50		
FIRST AMERICAN TITLE CO	64309	2/8/2017	1	290.13	WD/TRANS REFUND	11 2420 11
FIRST BANKCARD	64369	2/14/2017	1	-	F&R/C MENDOZA VISA CHARGES JANUARY 2017	01 6093 02
FIRST BANKCARD	64369	2/14/2017	2	407.49	F&R/WOODRIVER ULTIMATE CABINET MAKER'S KIT	01 6093 02
FIRST BANKCARD	64369	2/14/2017	3	293.09	F&R/WOODCRAFT HARDWARE AND WHETSTONE SHARPENING	01 6093 02
FIRST BANKCARD	64369	2/14/2017	4	216.88	ADM/TIMER FOR BOARD MEETINGS	01 6115 09
FIRST BANKCARD	64369	2/14/2017	5	1,138.28	F&R/SELECT BOLLARD ASPHALT MOUNT	01 6033V 02
FIRST BANKCARD	64369	2/14/2017	6	47.85	F&R/CALIFORNIA 3FT BY 5FT POLYESTER FLAG	01 6033V 02
FIRST BANKCARD	64369	2/14/2017	7	375.36	F&R/BASKETBALL BACKBOARD VETS HALL PARKING LOT	01 6033V 02
FIRST BANKCARD	64369	2/14/2017	8	212.25	F&R/SIGNMAKING 1.5" STATE PARK FONT	01 6033R 02
FIRST BANKCARD	64369	2/14/2017	1	-	ADM/J GRUBER VISA CHARGES JANUARY 2017	01 6041L 09
FIRST BANKCARD	64369	2/14/2017	2	29.17	ADM/FUEL FOR DISTRICT VEHICLE	01 6041L 09
FIRST BANKCARD	64369	2/14/2017	3	38.79	ADM/MEEING WITH CCSD CONSTITUENT	01 6115 09
FIRST BANKCARD	64369	2/14/2017	4	19.06	ADM/JANUARY BOARD MEETING DISCUSSION W/M THORNTON	01 6115 09
FIRST BANKCARD	64369	2/14/2017	1	-	FD/E TORLANO VISA CHARGES JANUARY 2017	01 6090 01
FIRST BANKCARD	64369	2/14/2017	2	109.40	FD/CALIF FIRE INSPECTION GUIDE/2013 CA FIRE CODE	01 6090 01
FIRST BANKCARD	64369	2/14/2017	3	126.10	FD/FIREFIGHTER OF THE YEAR AWARD PLAQUE	01 6124 01
FIRST BANKCARD	64369	2/14/2017	1	-	ADM/M MADRID VISA CHARGES JANUARY 2017	01 6045 09
FIRST BANKCARD	64369	2/14/2017	2	29.59	ADM/COMPUTER CABLES FOR C WINFREY COMPUTER	11 6045 11
FIRST BANKCARD	64369	2/14/2017	3	600.00	ADM/2017 CSDA LEADERSHIP ACADEMY H. FARMER	01 6120D 09



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
FIRST BANKCARD	64369	2/14/2017	4	49.00	ADM/BEST PRACTICES IN ADGENDA PREP H. DODSON	01 6120E 09
FIRST BANKCARD	64369	2/14/2017	5	50.00	ADM/CSDA SILENT AUCTION GIFT CERTIFICATE	01 6115 09
FIRST BANKCARD	64369	2/14/2017	6	31.15	ADM/BRASS BASE ENGRAVED PRESIDENT RICE	01 6124 09
FIRST BANKCARD	64369	2/14/2017	7	35.51	ADM/PLAIN DIVIDERS WITH TABS AND LABELS	01 6050 09
FIRST BANKCARD	64369	2/14/2017	8	14.99	ADM/ADOBEPRO APPLICATON UTILITY DESK	01 6060I 09
FIRST BANKCARD	64369	2/14/2017	9	10.18	ADM/GAIL ROBINETTE GAVEL PLAQUE	01 6115 09
FIRST BANKCARD	64369	2/14/2017	10	100.00	ADM/CHAMBER OF COMMERCE INSTALL DINNER FARMER	01 6120D 09
FIRST BANKCARD	64369	2/14/2017	11	114.31	ADM/TRAINING LUNCH BUHL DODSON MADRID	01 6120E 09
FIRST BANKCARD	64369	2/14/2017	1	-	FD/W HOLLINSWORTH VISA CHARGES 2017	01 6054 01
FIRST BANKCARD	64369	2/14/2017	2	18.00	FD/FULCRUMAPPCOM MONTHLY CHARGES	01 6054 01
FIRST BANKCARD	64369	2/14/2017	3	602.77	FD/FIRE AND BUILDING CODE BUILDING & FIRE TABS	01 6054 01
FIRST BANKCARD	64369	2/14/2017	1	-	FD/J GIBSON VISA CHARGES JANUARY 2017	01 6089 01
FIRST BANKCARD	64369	2/14/2017	2	24.38	FD/KEMP USA ROYAL BLUE INTUBATION BAG	01 6089 01
FIRST BANKCARD	64369	2/14/2017	3	81.26	FD/FUEL FOR FIRE TRUCKS	01 6096 01
FIRST BANKCARD	64369	2/14/2017	4	148.26	FD/PABLOS PRIDE/HAWAIIAN GOLD COFFEE BEANS	01 6090 01
FIRST BANKCARD	64369	2/14/2017	5	957.37	FD/SPEED QUEEN 3.3 CU FT WASHING MACHINE	01 6033B 01
FIRST BANKCARD	64369	2/14/2017	6	64.48	FD/LUNCH FOR RESERVE STAFF	01 6125 01
FIRST BANKCARD	64369	2/14/2017	1	-	ADM/R GRESENS VISA CHARGES JANUARY 2017	01 6060I 01
FIRST BANKCARD	64369	2/14/2017	2	59.99	ADM/HIGHTAIL SHARING APPLICATION	01 6060I 09
FIRST BANKCARD	64369	2/14/2017	3	14.99	ADM/ADOBEPRO SUBSCRIPTION B GRESENS	01 6060I 09
FIRST BANKCARD	64369	2/14/2017	4	14.99	ADM/ADOBEPRO SUBSCRIPTION C WINFREY	01 6060I 09
FIRST BANKCARD	64369	2/14/2017	5	67.99	ADM/PRINTER CARTRIDGE BROTHER MFC9130 PRINTER	12 6045 12
FIRST BANKCARD	64369	2/14/2017	6	299.22	ADM/BROTHER MFC9130CW WIRELESS ALL IN ONE PRINTER	12 6045 12
FIRST BANKCARD	64369	2/14/2017	7	42.95	ADM/SNAGIT GOVERNMENT INFORMATION SOFTWARE	11 6045 11
FIRST BANKCARD	64369	2/14/2017	8	851.23	SWF/SANDBAGS AT EVAP POND 1000 COUNT	40 6091 11
				7,296.33		
FORD MOTOR CREDIT COMPANY	64310	2/8/2017	1	637.09	F&R/2016 FORD F-250 WITH UTILITY BODY	01 2516 02
GERBER'S AUTO SERVICE	64312	2/8/2017	1	53.63	WW/2013 FORD F250 OIL CHANGE	12 6041L 12

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
GERBER'S AUTO SERVICE	64312	2/8/2017	1	428.24	WW/2005 FORD F150 OIL CHANGE AND REPAIRS	12 6041L 12
GERBER'S AUTO SERVICE	64312	2/8/2017	1	53.56	WW/2012 FORD F250 OIL CHANGE	12 6041L 12
GERBER'S AUTO SERVICE	64370	2/14/2017	1	669.22	WW/2005 FORD F-150 TIRES AND OIL CHANGE	12 6041L 12
				1,204.65		
GRANDSTAFF PAINT & PRESSUR	64278	2/2/2017	1	4,000.00	WW/PRESSURE WASH 11 STAIR STRINGERS, BEAMS/PILL/	12 6170 12
GRANDSTAFF PAINT & PRESSUR	64278	2/2/2017	1	3,000.00	WW/PAINT LOCKER ROOM, BATHROOM WITH PRIMER &	12 6033B 12
GRANDSTAFF PAINT & PRESSUR	64298	2/2/2017	1	2,000.00	WW/PAINT MEETING ROOM/PRESSURE WASH ABS	12 6033B 12
				9,000.00		
GRESENS, ROBERT C.	64237	2/1/2017	1	100.00	WD/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	11 6060C 11
GRUBER, JEROME	64238	2/1/2017	1	100.00	ADM/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	01 6060C 09
GSOLUTIONZ, INC.	64250	2/1/2017	1	175.00	WD/SET UP EXTENSION PORT FOR CONFERENCE ROOM	11 6060P 11
GSOLUTIONZ, INC.	64250	2/1/2017	2	175.00	WW/SET UP EXTENSION PORT FOR CONFERENCE ROOM	12 6060P 12
				350.00		
HALEY DODSON	64236	2/1/2017	1	45.00	ADM/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	01 6060C 09
HALEY DODSON	64308	2/8/2017	1	448.64	ADM/NUTS & BOLTS WORKSHOP IN RANCHO CORDOVA	01 6120E 09
				493.64		
HD SUPPLY FACILITIES MAINTEN	64324	2/8/2017	1	280.92	SWF/MAINT & REPAIR BALL VALVES	40 6031Z 11
HD SUPPLY FACILITIES MAINTEN	64324	2/8/2017	1	337.27	WW/MAINT & REPAIR POLYBLEND PUMP HEAD ASSEMBL	12 6032S 12
HD SUPPLY FACILITIES MAINTEN	64415	2/17/2017	1	947.08	SWF/DRUM PUMP KIT, DIRECTIONAL FLOW ARROW TAPE	40 6031Z 11
HD SUPPLY FACILITIES MAINTEN	64415	2/17/2017	1	92.12	SWF/BRASS FITTINGS, BRASS PLUG	40 6031Z 11
HD SUPPLY FACILITIES MAINTEN	64415	2/17/2017	1	328.71	WW/LOGOUT/TAGOUT STATION WITH COVER	12 6048 12
HD SUPPLY FACILITIES MAINTEN	64415	2/17/2017	1	225.21	WW/PLEATED CARTRIDGE FOR BIG BUBBA HOUSINGS	12 6032T 12
				2,211.31		

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
HEASTON, BENJAMIN E	64398	2/17/2017	1	402.00	F&R/REPAIR SEWER LINE AT VETS HALL	01 6033V 02
HOLLINGSWORTH, WILLIAM	64239	2/1/2017	1	100.00	FD/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	01 6060C 01
HUNT, AARON	64424	2/23/2017	1	587.44	FD/DRIVER OPER 1A , STATE FIRE MARSHALL CERT	01 6120E 01
IAN VAN WEERDEN POELMAN	64251	2/1/2017	1	150.00	FD/REIMBURSEMENT DMV PHYSICAL COSTS	01 6048E 01
IAN VAN WEERDEN POELMAN	64292	2/2/2017	1	685.88	FD/DRIVER OPERATOR 1A CLASS IN SAN DIEGO	01 6120E 01
IAN VAN WEERDEN POELMAN	64299	2/2/2017	1	150.00	FD/REIMBURSEMENT FOR DMV PHYSICAL	01 6048E 01
				985.88		
INNOVATIVE CONCEPTS	64240	2/1/2017	1	25.00	ADM/CIS HOSTING 02/2017	01 6044 09
INNOVATIVE CONCEPTS	64240	2/1/2017	2	25.00	FD/FIRE WEBSITE HOSTING 02/2017	01 6044 01
				50.00		
J B DEWAR	64280	2/2/2017	1	2,085.46	F&R/281.8 GLS OF GASOLINE 477.4 GLS DIESEL	01 6096 02
J B DEWAR	64313	2/8/2017	1	781.64	F&R/300 GALLONS GASOLINE	01 6096 02
J B DEWAR	64399	2/17/2017	1	1,775.87	FD/160.1 GLS GASOLINE 480 GLS DIESEL	01 6096 01
J B DEWAR	64399	2/17/2017	1	2,008.16	F&R/390.1 GLS GASOLINE 322.1 GLS DIESEL	01 6096 02
J B DEWAR	64399	2/17/2017	1	1,141.49	F&R/150 GLS GASOLINE 248 GLS DIESEL	01 6096 02
				7,792.62		
JAMES/DOLLY BROWNELL TRUS'	64378	2/17/2017	1	94.50	MQ CUSTOMER REFUND	11 2005
JOHN ALLCHIN	64231	2/1/2017	1	45.00	WW/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	12 6060C 12
JOHN ALLCHIN	64247	2/1/2017	1	91.45	WW/COMPANY TRUCK FUEL RODEO GRNDS TANKS EMPT	12 6096 12
				136.45		
JOHN DEERE FINANCIAL	64241	2/1/2017	1	522.49	F&R/MONTHLY PMT COMPACT UTILITY TRACTOR 02/201	01 2513 02



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
JOHN POULOS	64320	2/8/2017	1	56.00	F&R/SAW CHAINS SHARPENED AND GAUGES GROUND	01 6033R 02
JULIA BRAEGER	64377	2/17/2017	1	40.01	MQ CUSTOMER REFUND	11 2005
L.N. CURTIS & SONS	64314	2/8/2017	1	11,904.75	FD/GXTREME GOLD JACKETS & GOLD PANTS	01 6090 01
LIBERTY COMPOSTING, INC.	64400	2/17/2017	1	3,514.33	WW/TIPPING FEES BIOSOLIDS JANUARY 2017	12 6032S 12
LIFE-ASSIST, INC.	64281	2/2/2017	1	38.52	FD/LIDOCAIN LUER-JET SYRINGE	01 6089 01
LIFE-ASSIST, INC.	64281	2/2/2017	1	402.08	FD/DRESSINGS, SYRINGES, SPLINTS, CANNUALA DEVICE	01 6089 01
LIFE-ASSIST, INC.	64401	2/17/2017	1	227.97	FD/EMERGENCY MEDICAL EQUIPMENT	01 6089 01
				668.57		
MADDAUS WATER MANAGEME	64359	2/9/2017	1	7,002.50	WD/PROF SVCS UWMP UPDATE 09/08 - 09/30/16	11 6080M 11
MADDAUS WATER MANAGEME	64359	2/9/2017	1	5,968.75	WD/PROF SVCS UWMP UPDATE 10/01 - 10/31/16	11 6080M 11
MADDAUS WATER MANAGEME	64359	2/9/2017	1	11,511.25	WD/PROF SVCS UWMP UPDATE 10/1 - 10/31/16	11 6080M 11
MADDAUS WATER MANAGEME	64360	2/9/2017	1	24,877.50	SWF/PROF SVCS CONSERV PROGRAM 05/27 - 08/31/16	39 1829C 11
				49,360.00		
MADRID, MONIQUE	64242	2/1/2017	1	100.00	ADM/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	01 6060C 09
MED-STOPS MEDICAL CLINIC, IN	64283	2/2/2017	1	550.00	FD/EMQ REVIEW	01 6125 01
MED-STOPS MEDICAL CLINIC, IN	64402	2/17/2017	1	3,160.00	FD/ANNUAL PHYSICALS AND EMQS	01 6125 01
				3,710.00		
MELISSA HUTTON	64379	2/17/2017	1	104.50	MQ CUSTOMER REFUND	11 2005
MENDOZA, CARLOS	64243	2/1/2017	1	22.50	ADM/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	01 6060C 09
MENDOZA, CARLOS	64243	2/1/2017	2	22.50	F&R/MONTHLY CELL PHONE REIMBURSEMENT 02/2017	01 6060C 02
				45.00		

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
MERCADO GARDENING & HAUL	64371	2/14/2017	1	350.00	SWF/IMPOUNDMENT	40 6031Z 11
MICHAEL/JANICE TIVNON	64380	2/17/2017	1	49.83	MQ CUSTOMER REFUND	11 2005
MICHELLE DYER	64246	2/1/2017	1	9,106.09	WW/SIEMENS MAG5100W TRANSMITTER WITH DISPLAY	12 6037 12
MICHELLE DYER	64246	2/1/2017	1	1,463.25	WD/MAINT & REPAIR PULSAFEEDER KOPKIT	11 6031W 11
MICHELLE DYER	64246	2/1/2017	1	45.00	F&R/SERVICE SAFETY CABINETS	01 6090 02
MICHELLE DYER	64255	2/2/2017	1	136.84	WW/SERVICE SAFETY CABINETS KNEELING MAT	12 6048 12
MICHELLE DYER	64255	2/2/2017	1	131.38	WW/TITAN 6" WAFER VALVE	12 6032T 12
MICHELLE DYER	64385	2/17/2017	1	215.32	WW/YIELD PENETRATING/LUBRICATING OIL	12 6032C 12
				11,097.88		
MID-STATE CONCRETE PRODUC	64403	2/17/2017	1	226.80	WW/SANITARY SEWER CPH FRAME COVER	12 6032C 12
MINER'S ACE HARDWARE	64284	2/2/2017	1	21.58	F&R/SCREWDRIVER BIT SET FATMAX WOOD CHISEL	01 6033B 02
MINER'S ACE HARDWARE	64284	2/2/2017	1	32.39	F&R/FLAG FOR VETERANS HALL	01 6033V 02
MINER'S ACE HARDWARE	64284	2/2/2017	1	666.94	WW/BANDSAW & SCREW GUN COMBO	12 6040 12
MINER'S ACE HARDWARE	64372	2/14/2017	1	42.56	F&R/EMPTY POLY SANDBAGS	01 6033V 02
MINER'S ACE HARDWARE	64372	2/14/2017	1	115.28	F&R/EMPTY POLY SANDBAGS LARGE RAINSUITS	01 6033R 02
MINER'S ACE HARDWARE	64372	2/14/2017	1	85.12	F&R/EMPTY POLY SANDBAGS	01 6033R 02
MINER'S ACE HARDWARE	64372	2/14/2017	1	48.01	F&R/MAINT & REPAIR ROUTER BIT, GORILLA EPOXY	01 6033R 02
MINER'S ACE HARDWARE	64372	2/14/2017	1	21.63	WW/SERVICE CHARGE	12 6052 12
				1,033.51		
MISSION LINEN SUPPLY	64285	2/2/2017	1	541.44	WW/ANTONI ARTHO UNIFORMS	12 6094 12
MISSION LINEN SUPPLY	64285	2/2/2017	1	427.23	WD/LINEN SERVICES TOWELS AND RUGS	11 6094 11
MISSION LINEN SUPPLY	64404	2/17/2017	1	70.36	WW/LINEN SERVICES TOWELS AND RUGS	12 6094 12
MISSION LINEN SUPPLY	64404	2/17/2017	1	378.84	WD/LINEN SERVICES TOWELS AND RUGS	11 6094 11
				1,417.87		

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
McKARNEY, NANCY	64315	2/8/2017	1	48.71	FD/BUSINESS CARDS WILLIAM HOLLINGSWORTH	01 6053 01
McKARNEY, NANCY	64425	2/23/2017	1	97.43	WD/BUSINESS CARDS TRAVIS HOLT ADAM STEVENTON	11 6053 11
				146.14		
OASIS EQUIPMENT RENTAL	64405	2/17/2017	1	364.80	F&R/SKID LOADER TRAILER ROTO HAMMER	01 6033R 02
OFFICE DEPOT CORPORATE	64316	2/8/2017	1	10.18	ADM/METAL ENGRAVED PLATE	01 6124 09
PACIFIC GAS & ELECTRIC	64286	2/2/2017	1	63.87	WW/ELEC SVC SAN SIMEON CREEK RD JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64286	2/2/2017	1	19.06	ADM/ELEC SVC 1316 TAMSEN #203 JANUARY 2017	01 6060E 09
PACIFIC GAS & ELECTRIC	64286	2/2/2017	1	9.52	WD/ELEC SVC 7806 VAN GORDON CREEK RD JANUARY 20	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	1	23.96	WD/ELEC SVC 9110 CHARING LANE JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	2	371.86	WD/ELEC SVC 1320 SAN SIMEON CRK RD JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	3	387.23	WD/ELEC SVC 1330 SAN SIMEON CRK RD JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	4	2,713.15	WD/ELEC SVC 1340 SAN SIMEON CRK RD JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	5	483.45	WD/ELEC SVC 6425 CAMBRIA PINES RD JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	6	37.69	WD/ELEC SVC 988 MANOR WAY JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	7	2,070.05	WD/ELEC SVC 2031 RODEO GROUNDS RD JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	8	38.28	WD/ELEC SVC 2499 VILLAGE LANE JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64286	2/2/2017	9	661.39	WD/ELEC SVC 1975 STUART STREET JANUARY 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64317	2/8/2017	1	1,362.17	SWF/ELEC SVC 900 S SIMEON CRK TR PLANT JAN 2017	39 6060E 11
PACIFIC GAS & ELECTRIC	64317	2/8/2017	1	1,056.03	WD/ELEC SVC 2820 SANTA ROSA CRK RD PUMP JAN 2017	11 6060E 11
PACIFIC GAS & ELECTRIC	64317	2/8/2017	1	177.21	SWF/ELEC SVC S SIMEON CRK RD EVAP POND JAN 2017	39 6060E 11
PACIFIC GAS & ELECTRIC	64373	2/14/2017	1	590.14	WW/ELEC SVC LIFT STATION A JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	2	196.84	WW/ELEC SVC LIFT STATION 9 JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	3	192.31	WW/ELEC SVC LIFT STATION B2 JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	4	505.96	WW/ELEC SVC LIFT STATION A1 JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	5	842.07	WW/ELEC SVC LIFT STATION B JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	6	504.81	WW/ELEC SVC LIFT STATION B3 JANUARY 2017	12 6060E 12



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
PACIFIC GAS & ELECTRIC	64373	2/14/2017	7	726.77	WW/ELEC SVC LIFT STATION B4 JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	8	29.02	SWF/ELEC SVC LIFT STN WELL PUMP 9P7 SPRY FLD 1/17	39 6060E 11
PACIFIC GAS & ELECTRIC	64373	2/14/2017	9	23.13	WW/ELEC SVC LIFT STATION 8 JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	10	14,522.54	WW/ELEC SVC TREATMENT PLANT JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	11	23.60	WW/ELEC SVC LIFT STATION 4 JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	12	200.78	WW/ELEC SVC LIFT STATION B1 JANUARY 2017	12 6060E 12
PACIFIC GAS & ELECTRIC	64373	2/14/2017	1	29.38	F&R/ELEC SVC WEST VILLAGE RESTROOM JAN 2017	01 6060E 02
PACIFIC GAS & ELECTRIC	64373	2/14/2017	2	30.09	F&R/ELEC SVC EAST VILLAGE RESTROOM JAN 2017	01 6060E 02
PACIFIC GAS & ELECTRIC	64373	2/14/2017	3	1,208.17	F&R/ELEC SVC STREET LIGHTING JANUARY 2017	01 6060E 02
PACIFIC GAS & ELECTRIC	64373	2/14/2017	4	362.08	F&R/ELEC SVC VETERANS HALL JANUARY 2017	01 6060E 02
PACIFIC GAS & ELECTRIC	64373	2/14/2017	5	767.67	FD/ELEC SVC 2805 BURTON DRIVE JANUARY 2017	01 6060E 01
PACIFIC GAS & ELECTRIC	64373	2/14/2017	6	24.20	FD/ELEC SVC 2805 BURTON DRIVE JANUARY 2017	01 6060E 01
PACIFIC GAS & ELECTRIC	64373	2/14/2017	7	409.35	FD/ELEC SVC 1316 TAMSEN DRIVE JANUARY 2017	01 6060E 09
PACIFIC GAS & ELECTRIC	64373	2/14/2017	8	106.61	FD/ELEC SVC RADIO SHACK JANUARY 2017	01 6060E 09
				30,770.44		
PATRICK OREILLY	64244	2/1/2017	1	100.00	ADM/MONTH CELL PHONE REIMBURSEMENT 02/2017	01 6060C 09
PLACER TITLE COMPANY	64406	2/17/2017	1	679.00	WD/VLM DEPOSIT ON ACCOUNT APN 023.206.041/047	11 6080V 10
PLACER TITLE COMPANY	64419	2/23/2017	1	679.00	RC/PREPAID VLM FEES ALTMAN APN #022.201.051/.052	11 6080V 10
PLACER TITLE COMPANY	64426	2/23/2017	1	679.00	RC/PREPAID VLM FEES LAMB APN 023.067.015/.016	11 6080V 10
				2,037.00		
PROCARE JANITORIAL SUPPLY	64287	2/2/2017	1	1,657.31	F&R/OPERATING & JANITORIAL SUPPLIES	01 6090 02
PROCARE JANITORIAL SUPPLY	64287	2/2/2017	1	83.40	ADM/OPERATING SUPPLIES PAPER TOWELS	01 6090 09
				1,740.71		
QUILL CORP	64288	2/2/2017	1	89.74	WW/OFFICE SUPPLIES HOT CUPS AND BIC PENS	12 6050 12
QUILL CORP	64288	2/2/2017	1	211.76	F&R/OFFICE SUPPLIES CANON CARTRIDGES	01 6090 02
QUILL CORP	64288	2/2/2017	1	127.09	WW/OFFICE SUPPLIES 2017 MONTHLY CALENDARS	12 6050 12

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
QUILL CORP	64288	2/2/2017	1	111.57	WW/OFFICE SUPPLIES 2017 STND DIARY BUS DAILY	12 6050 12
QUILL CORP	64288	2/2/2017	1	70.82	WW/OFFICE SUPPLIES 2017 MONTHLY BLK DESK CALEND.	12 6050 12
QUILL CORP	64288	2/2/2017	1	24.48	F&R/OFFICE SUPPLIES MONTHLY DESK PAD	01 6090 02
QUILL CORP	64288	2/2/2017	1	47.27	WW/BLEU CLIPBOARD STORAGE BOX	12 6050 12
QUILL CORP	64288	2/2/2017	1	64.49	F&R/OFFICE SUPPLIES BROTHER PRINTER TONER	01 6090 02
QUILL CORP	64288	2/2/2017	1	740.01	WW/COMPACT RECEPTION STATION DESK FOR T ARTHO	12 6095 12
QUILL CORP	64288	2/2/2017	1	165.96	ADM/OFFICE SUPPLIES WATER, LASER PAPER	01 6050 09
QUILL CORP	64288	2/2/2017	1	13.93	ADM/SUGARLESS PEDIATRIC POPS	01 6050 09
QUILL CORP	64288	2/2/2017	1	53.95	ADM/OFFICE SUPPLIES CREAMER PEN/PENCIL REFILLS	01 6050 09
QUILL CORP	64288	2/2/2017	1	71.34	F&R/OFFICE SUPPLIES PADS, PENS, PENCILS	01 6090 02
QUILL CORP	64288	2/2/2017	1	37.53	WW/SCOTT SHOP TOWELS	12 6032T 12
QUILL CORP	64288	2/2/2017	1	174.86	WW/OPERATING SUPPLIES PENS POST IT NOTES	12 6050 12
QUILL CORP	64288	2/2/2017	1	42.88	WW/OFFICE SUPPLIES GOJO HAND SOAP WITH PUMICE	12 6050 12
QUILL CORP	64288	2/2/2017	1	26.98	WW/OFFICE SUPPLIES DAWN DISH SOAP	12 6050 12
QUILL CORP	64288	2/2/2017	1	58.95	ADM/OFFICE SUPPLIES BINDER POCKETS LABEL TAPE	01 6050 09
QUILL CORP	64374	2/14/2017	1	16.44	F&R/7 COMPARTMENT ORGANIZER	01 6090 02
QUILL CORP	64374	2/14/2017	1	82.55	WD/OFFICE SUPPLIES PENS MARKERS LABELS	11 6050 11
QUILL CORP	64374	2/14/2017	1	123.22	ADM/BROTHER LABELS, WATER, DIXIE PAPER PLATES	01 6050 09
QUILL CORP	64407	2/17/2017	1	(12.86)	ADM/CREDIT FOR DAMAGED BULLETIN BOARD	01 6050 09
QUILL CORP	64407	2/17/2017	1	(15.00)	ADM/MESH LETTER TRAY CREDIT DAMAGED TRAY	01 6050 09
QUILL CORP	64407	2/17/2017	1	109.61	ADM/OFFICE SUPPLIES WATER PENS STORAGE BOXES	01 6050 09
QUILL CORP	64407	2/17/2017	1	12.86	ADM/BASIC CORK BULLETIN BOARD	01 6050 09
QUILL CORP	64407	2/17/2017	1	32.14	SWF/OFFICE SUPPLIES HANGING FILE FOLDERS	40 6031Z 11
QUILL CORP	64407	2/17/2017	1	74.28	ADM/OFFICE SUPPLIES WATER BINDER LETTER FILES	01 6050 09
QUILL CORP	64407	2/17/2017	1	32.16	ADM/OFFICE SUPPLIES PORTABLE OSCILLATING HEATER	01 6050 09
QUILL CORP	64407	2/17/2017	1	111.71	ADM/CORK BOARD, LASER PAPER SUGAR PACKETS	01 6050 09
QUILL CORP	64407	2/17/2017	1	15.00	ADM/OFFICE SUPPLIES MESH LETTER TRAY	01 6050 09
				2,715.72		
RENTAL DEPOT, INC.	64408	2/17/2017	1	264.20	F&R/SKID LOADER MINI DINGO, HYDRAULIC HOSE	01 6033R 02

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
RETIREE00	64326	2/9/2017	1	423.16	WD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAI11	5121 11
RETIREE01	64327	2/9/2017	1	423.16	WW/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA12	5121 12
RETIREE02	64328	2/9/2017	1	533.68	F&R/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA01	5121 02
RETIREE04	64329	2/9/2017	1	147.58	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE05	64330	2/9/2017	1	423.16	WW/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA12	5121 12
RETIREE06	64331	2/9/2017	1	147.58	WD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAI11	5121 11
RETIREE07	64332	2/9/2017	1	147.58	WD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAI11	5121 11
RETIREE08	64333	2/9/2017	1	423.16	WD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAI11	5121 11
RETIREE09	64334	2/9/2017	1	147.58	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE10	64335	2/9/2017	1	147.58	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE11	64336	2/9/2017	1	147.58	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE12	64337	2/9/2017	1	1,195.37	WW/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA12	5121 12
RETIREE13	64338	2/9/2017	1	147.58	FD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAR01	5121 01
RETIREE14	64339	2/9/2017	1	147.58	F&R/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA01	5121 02
RETIREE15	64340	2/9/2017	1	147.58	FD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAR01	5121 01
RETIREE16	64341	2/9/2017	1	423.16	WD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAI11	5121 11
RETIREE17	64342	2/9/2017	1	423.16	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE19	64343	2/9/2017	1	1,195.37	FD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAR01	5121 01
RETIREE20	64344	2/9/2017	1	147.58	WW/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA12	5121 12
RETIREE21	64345	2/9/2017	1	147.58	WW/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA12	5121 12
RETIREE22	64346	2/9/2017	1	423.16	WW/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA12	5121 12
RETIREE23	64347	2/9/2017	1	423.16	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE24	64348	2/9/2017	1	147.58	F&R/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA01	5121 02
RETIREE26	64349	2/9/2017	1	1,091.42	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE27	64350	2/9/2017	1	1,195.37	FD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAR01	5121 01
RETIREE28	64351	2/9/2017	1	423.16	F&R/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MA01	5121 02
RETIREE29	64352	2/9/2017	1	423.16	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE30	64353	2/9/2017	1	533.68	WD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAI11	5121 11
RETIREE31	64354	2/9/2017	1	533.68	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
RETIREE32	64355	2/9/2017	1	1,195.37	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE33	64356	2/9/2017	1	533.68	ADM/MONTHLY HEALTH INSUR PREMIUM REIMB FOR M/01	5121 09
RETIREE34	64357	2/9/2017	1	1,195.37	FD/MONTHLY HEALTH INSUR PREMIUM REIMB FOR MAR 01	5121 01
				15,205.55		
ROBERT P CROSBY	64367	2/14/2017	1	14,500.00	ADM/INDEPENDENT AUDITOR'S REPORT YEND 06/30/16	01 6080A 09
SAN LUIS OBISPO COUNTY	64411	2/17/2017	1	406.70	WD/38472 EQUIP OPERATING FEE PERMIT #1013-1 RENE	11 6055 11
SAN LUIS OBISPO COUNTY	64411	2/17/2017	2	406.70	WD/38474 EQUIP OPERATING FEE PERMIT #1017-1 RENE	11 6055 11
SAN LUIS OBISPO COUNTY	64411	2/17/2017	3	406.70	WD/38475 EQUIP OPERATING FEE PERMIT #1015-1 RENE	11 6055 11
SAN LUIS OBISPO COUNTY	64411	2/17/2017	4	406.70	WW/38476 EQUIP OPERATING FEE PERMIT #994-1 RENE	12 6055 12
SAN LUIS OBISPO COUNTY	64411	2/17/2017	5	406.70	WW/38477 EQUIP OPERATING FEE PERMIT #1005-2 RENE	12 6055 12
SAN LUIS OBISPO COUNTY	64411	2/17/2017	6	406.70	WW/38478 EQUIP OPERATING FEE PERMIT #1000-2 RENE	12 6055 12
SAN LUIS OBISPO COUNTY	64411	2/17/2017	7	406.70	WW/38479 EQUIP OPERATING FEE PERMIT #1002-2 RENE	12 6055 12
SAN LUIS OBISPO COUNTY	64411	2/17/2017	8	406.70	WW/38480 EQUIP OPERATING FEE PERMIT #1004-1 RENE	12 6055 12
SAN LUIS OBISPO COUNTY	64411	2/17/2017	9	406.70	WW/38481 EQUIP OPERATING FEE PERMIT # 997-1 RENE	12 6055 12
SAN LUIS OBISPO COUNTY	64411	2/17/2017	10	406.70	WD/38502 EQUIP OPERATING FEE PERMIT #1016-1 RENE	11 6055 11
SAN LUIS OBISPO COUNTY	64411	2/17/2017	11	406.70	WW/38509 EQUIP OPERATING FEE PERMIT # 998-1 RENE	12 6055 12
				4,473.70		
SAN LUIS POWERHOUSE	64410	2/17/2017	1	964.13	WW/MAINT & REPAIR THERMOSTAT REGULATOR ANITFF	12 6032L 12
SAN LUIS SECURITY SYSTEMS	64409	2/17/2017	1	126.00	ADM/QUARTERLY SECURITY MONITORING 03/01 - 05/01,	01 6048 09
SHIFT CALENDARS, INC.	64290	2/2/2017	1	325.83	FD/SHIFT CALENDARS DESK PAD LAMINATED WALLETS	01 6090 01
SLO COUNTY AIR POLLUTION CC	64319	2/8/2017	1	406.70	FD/EMERGENCY GENERATOR OPERATING PERMIT RENEW	01 6055 01
SLO COUNTY FIRE	64318	2/8/2017	1	75.00	FD/ANNUAL DUES 2017	01 6054 01

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
SOLENIS LLC	64412	2/17/2017	1	4,184.98	WW/MAINT & REPAIR PRAESTOL K	12 6032S 12
SOMACH, SIMMONS & DUNN	64428	2/23/2017	1	372.36	WD/JANUARY 2017 FEE & APRIL 2016 BALANCE FORWAR	11 6080L 11
STATE OF CALIFORNIA	64321	2/8/2017	1	128.00	FD/FINGERPRINTS APPS	01 6125 01
STATE OF CALIFORNIA	64321	2/8/2017	2	32.00	WD/FINGERPRINTS APPS	11 6125 11
STATE OF CALIFORNIA	64321	2/8/2017	3	68.00	FD/FINGERPRINTS FBI	01 6125 01
STATE OF CALIFORNIA	64321	2/8/2017	4	17.00	WD/FINGERPRINTS FBI	11 6125 11
				245.00		
STEPHANIE SALVI	64289	2/2/2017	1	4.17	ADM/PERSONAL CAR MILEAGE REIMBURSEMENT	01 6120E 09
STEPHANIE SALVI	64289	2/2/2017	1	1.50	ADM/PERSONAL CAR MILES GOING TO BANK AND POFFIC	01 6120E 09
				5.67		
SWRCB FEES	64418	2/21/2017	1	2,088.00	SWF/EMERGENCY NPDES PERMIT FEES	40 6055 11
TECHXPRESS, INC.	64291	2/2/2017	1	3,402.00	AM/MONTHLY SERVICE CHARGE FEBRUARY 2017	01 6044 09
TECHXPRESS, INC.	64413	2/17/2017	1	1,057.47	ADM/OPTIPLEX 5040 MINI TOWER, DELL MONITOR	01 6045 09
				4,459.47		
THE BLUEPRINTER	64258	2/2/2017	1	219.95	WD/BILL INSERTS JANUARY - APRIL GLOSS TEXT	11 6053 11
THE BLUEPRINTER	64258	2/2/2017	2	219.96	WW/BILL INSERTS JANUARY - APRIL GLOSS TEXT	12 6053 12
THE BLUEPRINTER	64258	2/2/2017	3	115.00	WW/PARK HILL RESIDENTS MAILING	12 6053 12
				554.91		
THE CENTRE FOR ORGANIZATIO	64267	2/2/2017	1	999.00	WD/CENTRE CENTRAL COAST SUPERVISOR ACADEMY J Bl	11 6120E 11
THE CENTRE FOR ORGANIZATIO	64267	2/2/2017	2	999.00	WW/CENTRE CENTRAL COAST SUPERVISOR ACADEMY AL	12 6120E 12
				1,998.00		
THE DOCUTEAM	64307	2/8/2017	1	493.69	ADM/DOCUMENT STORAGE 1/1/17 TO 1/31/17	01 6080M 09

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
THE GAS COMPANY	64277	2/2/2017	1	125.21	F&R/GAS SVC VETERANS HALL JANUARY 2017	01 6060G 02
THE GAS COMPANY	64277	2/2/2017	1	94.52	ADM/GAS SVC 1316 TAMSEN STE 201 JANUARY 2017	01 6060G 09
THE GAS COMPANY	64277	2/2/2017	1	53.33	ADM/GAS SVC 1316 TAMSEN #203 JANUARY 2017	01 6060G 09
THE GAS COMPANY	64277	2/2/2017	1	49.21	FD/GAS SVC 5490 HEATH LANE JANUARY 2017	01 6060G 01
THE GAS COMPANY	64277	2/2/2017	1	67.85	WW.GAS SERV 5500 HEATH LAND #B JANUARY 2017	12 6060G 12
THE GAS COMPANY	64277	2/2/2017	1	211.33	WW/GAS SVC 5500 HEATH LANE JANUARY 2017	12 6060G 12
THE GAS COMPANY	64311	2/8/2017	1	371.58	FD/GAS SVC 2850 BURTON DRIVE JANUARY 2017	01 6060G 01
				973.03		
THE TRIBUNE	64414	2/17/2017	1	200.86	FD/HEARING TO ADOPT HIRING ORDINANCE FD	01 6125 01
THE TRIBUNE	64414	2/17/2017	1	203.28	WD/NOTICE OF HEARING TO ADOPT UWMP	11 6080M 11
				404.14		
TRACY G MCCONNELL	64282	2/2/2017	1	50.31	ADM/FRONT DESK SAFETY & SECURITY TRAINING	01 6120E 09
UNITED RENTALS (NA) INC.	64323	2/8/2017	1	2,626.61	WW/PUMP W/SILENCER AND VAC ASSIST	12 6032T 12
VERIZON WIRELESS	64416	2/17/2017	1	34.59	FD/MONTHLY CELL PHONE SERVICE JAN 2017 WTR TENDI	01 6060C 01
VERIZON WIRELESS	64416	2/17/2017	2	103.39	FD/MONTHLY CELL PHONE SERVICE JAN 2017 ENGINE	01 6060C 01
VERIZON WIRELESS	64416	2/17/2017	1	36.14	F&R/MONTHLY ON CALL CELL PHONE SERVICE JAN 2017	01 6060C 02
VERIZON WIRELESS	64416	2/17/2017	2	22.81	ADM/MONTHLY PHONE SERVICE JAN 2017	01 6060C 09
VERIZON WIRELESS	64416	2/17/2017	3	67.53	WD/MONTHLY ON CALL PHONE SERVICE JAN 2017	11 6060C 11
VERIZON WIRELESS	64416	2/17/2017	4	68.84	WW/MONTHLY ON CALL PHONE SERVICE JAN 2017	12 6060C 12
				333.30		
WINSOR CONSTRUCTION, INC.	64294	2/2/2017	1	140.00	F&R/GREEN WASTE DISPOSAL	01 6033R 02
WINSOR CONSTRUCTION, INC.	64417	2/17/2017	1	319.50	FD/SAND DELIVER FOR STORM	01 6036 01
				459.50		



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
HD SUPPLY FACILITIES MAINTEN	1	2/2/2017	1	435.32	WW/SEWAGE EJECTOR PUMP LITTLE GIANT	12 6032L 12
HD SUPPLY FACILITIES MAINTEN	1	2/2/2017	1	<u>(435.32)</u>	WW/CREDIT FOR DAMAGED SEWAGE EJECTOR PUMP	12 6032L 12
				-		
	64245	2/14/2017	9000	(2,879.40)	Ck# 064245 Reversed	01 6075 09
	64251	2/1/2017	9000	(150.00)	Ck# 064251 Reversed	01 6048E 01
<b>Accounts Payable Vendor Subtotal</b>				<b>345,756.57</b>		
AFLAC (AMER FAM LIFE INS)	5001	2/10/2017	1	148.05	VOLUNTARY INS-PRETAX	01 2162
AFLAC (AMER FAM LIFE INS)	5001	2/10/2017	1	25.92	VOLUNTARY INS-PRETAX	01 2162
AFLAC (AMER FAM LIFE INS)	5015	2/24/2017	1	148.05	VOLUNTARY INS-PRETAX	01 2162
AFLAC (AMER FAM LIFE INS)	5015	2/24/2017	1	<u>25.92</u>	VOLUNTARY INS-PRETAX	01 2162
				347.94		
AMERITAS	5024	2/28/2017	1	3,696.62	DENTAL INSURANCE-YER	01 2150
AMERITAS	5024	2/28/2017	2	(0.02)	DENTAL INSURANCE-YER	01 5102 09
AMERITAS	5024	2/28/2017	1	<u>455.44</u>	DENTAL INSURANCE-YER	01 2150
				4,152.04		
CAMBRIA COMMUNITY SERVICE	5002	2/10/2017	1	1,000.00	MEDICAL REIMBURSEMNT	01 2171
CAMBRIA COMMUNITY SERVICE	5002	2/10/2017	2	250.00	MEDICAL REIMBURSEMNT	01 5122 01
CAMBRIA COMMUNITY SERVICE	5002	2/10/2017	3	50.00	MEDICAL REIMBURSEMNT	01 5122 02
CAMBRIA COMMUNITY SERVICE	5002	2/10/2017	4	200.00	MEDICAL REIMBURSEMNT	01 5122 09
CAMBRIA COMMUNITY SERVICE	5002	2/10/2017	5	150.00	MEDICAL REIMBURSEMNT	11 5122 11
CAMBRIA COMMUNITY SERVICE	5002	2/10/2017	6	200.00	MEDICAL REIMBURSEMNT	12 5122 12
CAMBRIA COMMUNITY SERVICE	5016	2/24/2017	1	1,050.00	MEDICAL REIMBURSEMNT	01 2171
CAMBRIA COMMUNITY SERVICE	5016	2/24/2017	2	250.00	MEDICAL REIMBURSEMNT	01 5122 01
CAMBRIA COMMUNITY SERVICE	5016	2/24/2017	3	50.00	MEDICAL REIMBURSEMNT	01 5122 02
CAMBRIA COMMUNITY SERVICE	5016	2/24/2017	4	200.00	MEDICAL REIMBURSEMNT	01 5122 09

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
CAMBRIA COMMUNITY SERVICE	5016	2/24/2017	5	150.00	MEDICAL REIMBURSEMNT	11 5122 11
CAMBRIA COMMUNITY SERVICE	5016	2/24/2017	6	200.00	MEDICAL REIMBURSEMNT	12 5122 12
				3,750.00		
CAMBRIA FIRE FIGHTERS LOCAL	5005	2/10/2017	1	360.00	DUES-FIRE IAFF	01 2160
CAMBRIA FIRE FIGHTERS LOCAL	5018	2/24/2017	1	360.00	DUES-FIRE IAFF	01 2160
				720.00		
CAMBRIA FIREFIGHTERS ASSN	5004	2/10/2017	1	140.68	RESERVE FIREFTR DUES	01 2160
EMPLOYMENT DEVELOPMENT C	5003	2/10/2017	1	4,385.31	STATE INCOME TAX	01 2110
EMPLOYMENT DEVELOPMENT C	5003	2/10/2017	1	971.21	STATE INCOME TAX	01 2130
EMPLOYMENT DEVELOPMENT C	5017	2/24/2017	1	3,863.13	STATE INCOME TAX	01 2110
EMPLOYMENT DEVELOPMENT C	5017	2/24/2017	1	874.96	STATE INCOME TAX	01 2130
				10,094.61		
H.O.B.-DIRECT DEPOSIT	5006	2/10/2017	1	3,400.00	Direct Deposit Flat	01 2152
H.O.B.-DIRECT DEPOSIT	5006	2/10/2017	1	56,600.66	Direct Deposit Flat	01 2152
H.O.B.-DIRECT DEPOSIT	5019	2/24/2017	1	3,400.00	Direct Deposit Flat	01 2152
H.O.B.-DIRECT DEPOSIT	5019	2/24/2017	1	53,078.99	Direct Deposit Flat	01 2152
				116,479.65		
ICMA-VNTGPT TRSFR AGT 457	5008	2/10/2017	1	1,601.06	457 DEFERRED COMP IN	01 2141
ICMA-VNTGPT TRSFR AGT 457	5008	2/10/2017	1	927.81	457 DEFERRED COMP IN	01 2141
ICMA-VNTGPT TRSFR AGT 457	5021	2/24/2017	1	1,601.06	457 DEFERRED COMP IN	01 2141
ICMA-VNTGPT TRSFR AGT 457	5021	2/24/2017	1	927.81	457 DEFERRED COMP IN	01 2141
				5,057.74		
IRS/FEDERAL PARYOLL TAXES	5007	2/10/2017	1	14,111.80	FEDERAL INCOME TAX	01 2100
IRS/FEDERAL PARYOLL TAXES	5007	2/10/2017	1	13,731.48	FEDERAL INCOME TAX	01 2120

**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
IRS/FEDERAL PARYOLL TAXES	5007	2/10/2017	1	3,211.42	FEDERAL INCOME TAX	01 2120
IRS/FEDERAL PARYOLL TAXES	5020	2/24/2017	1	12,378.55	FEDERAL INCOME TAX	01 2100
IRS/FEDERAL PARYOLL TAXES	5020	2/24/2017	1	12,116.64	FEDERAL INCOME TAX	01 2120
IRS/FEDERAL PARYOLL TAXES	5020	2/24/2017	1	2,833.72	FEDERAL INCOME TAX	01 2120
				58,383.61		
LINCOLN FINANCIAL GROUP	5025	2/28/2017	1	237.02	LIFE INSURANCE	01 2164
LINCOLN FINANCIAL GROUP	5025	2/28/2017	2	(2.52)	LIFE INSURANCE	01 5105 09
				234.50		
PERS HEALTH BENEFIT SERV	5027	2/28/2017	1	37,715.90	MEDICAL INSURANC-YER	01 2151
PERS HEALTH BENEFIT SERV	5027	2/28/2017	2	(0.02)	MEDICAL INSURANC-YER	01 5103 09
PERS HEALTH BENEFIT SERV	5027	2/28/2017	3	640.00	MEDICAL INSURANC-YER	01 5121 01
PERS HEALTH BENEFIT SERV	5027	2/28/2017	4	512.00	MEDICAL INSURANC-YER	01 5121 02
PERS HEALTH BENEFIT SERV	5027	2/28/2017	5	1,408.00	MEDICAL INSURANC-YER	01 5121 09
PERS HEALTH BENEFIT SERV	5027	2/28/2017	6	768.00	MEDICAL INSURANC-YER	11 5121 11
PERS HEALTH BENEFIT SERV	5027	2/28/2017	7	768.00	MEDICAL INSURANC-YER	12 5121 12
PERS HEALTH BENEFIT SERV	5027	2/28/2017	8	145.42	MEDICAL INSURANC-YER	01 5103 09
PERS HEALTH BENEFIT SERV	5027	2/28/2017	9	58.71	MEDICAL INSURANC-YER	01 5121 09
PERS HEALTH BENEFIT SERV	5027	2/28/2017	1	5,055.28	MEDICAL INSURANC-YER	01 2151
				47,071.29		
PERS RETIREMENT SYSTEM	5009	2/10/2017	1	(0.02)	PERS PAYROLL REMITTANCE	01 5111 09
PERS RETIREMENT SYSTEM	5009	2/10/2017	2	18,870.06	PERS PAYROLL REMITTANCE	01 2140
PERS RETIREMENT SYSTEM	5009	2/10/2017	3	-	PERS PAYROLL REMITTANCE	1
PERS RETIREMENT SYSTEM	5009	2/10/2017	4	0.02	PERS PAYROLL REMITTANCE	01 5111 09
PERS RETIREMENT SYSTEM	5022	2/24/2017	1	(0.01)	PERS PAYROLL REMITTANCE	01 5111 09
PERS RETIREMENT SYSTEM	5022	2/24/2017	2	18,781.77	PERS PAYROLL REMITTANCE	01 2140
PERS RETIREMENT SYSTEM	5022	2/24/2017	3	-	PERS PAYROLL REMITTANCE	1
PERS RETIREMENT SYSTEM	5022	2/24/2017	4	0.01	PERS PAYROLL REMITTANCE	01 5111 09



**CAMBRIA COMMUNITY SERVICES DISTRICT  
EXPENDITURE REPORT  
FOR THE MONTH OF FEBRUARY, 2017**

<u>Vendor Name</u>	<u>Check #</u>	<u>Check Date</u>	<u>Line #</u>	<u>Amount</u>	<u>Line Description</u>	<u>Expense Acct</u>
PERS RETIREMENT SYSTEM	5026	2/28/2017	1	11,244.86	UNFUNDED ACCRUED LIABILITY	01 5109 09
PERS RETIREMENT SYSTEM	5026	2/28/2017	2	2,982.62	UNFUNDED ACCRUED LIABILITY	01 5109 02
PERS RETIREMENT SYSTEM	5026	2/28/2017	3	6,726.00	UNFUNDED ACCRUED LIABILITY	11 5109 11
PERS RETIREMENT SYSTEM	5026	2/28/2017	4	6,640.38	UNFUNDED ACCRUED LIABILITY	12 5109 12
PERS RETIREMENT SYSTEM	5026	2/28/2017	5	3,437.00	UNFUNDED ACCRUED LIABILITY	01 5109 01
				68,682.69		
SEIU LOCAL 620	5010	2/10/2017	1	412.73	SEIU UNION DUES	01 2160
SEIU LOCAL 620	5023	2/24/2017	1	412.73	SEIU UNION DUES	01 2160
				825.46		

**Payroll Payable Vendor Subtotal** 315,940.21

**TOTAL DISBURSEMENT FOR JANUARY, 2017** 661,696.78

**CAMBRIA COMMUNITY SERVICES DISTRICT**  
**BOARD OF DIRECTORS SPECIAL MEETING MINUTES**  
Thursday, February 23, 2017 10:30 AM

**1. OPENING**

**A. Call to Order**

President Rice called the meeting to order at 10:30 a.m.

**B. Pledge of Allegiance**

President Rice led the Pledge of Allegiance.

**C. Establishment of Quorum**

A quorum was established.

Directors present: President Rice, Vice President Sanders, Director Thompson, Director Bahringer, and Director Farmer.

Staff present: General Manager Jerry Gruber, District Counsel Timothy Carmel, and Administrative Services Officer/District Clerk Monique Madrid.

**2. PUBLIC COMMENT ON AGENDA ITEMS**

None.

**3. ADJOURN TO CLOSED SESSION**

**A. CONFERENCE WITH REAL PROPERTY NEGOTIATORS Pursuant to Government Code Section 54956.8**

Property APN: 022-251-019

Agency Negotiators: Jerry Gruber, General Manager and Timothy Carmel, District Counsel

Negotiating Party: Shauna Dragomir for the County of San Luis Obispo

Under Negotiation: Price and Terms of Payment

**B. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Initiation of litigation pursuant to Government Code Section 54956.9(d)(4) (One potential case).

**4. RECONVENE TO OPEN SESSION (at Vets Hall, 1000 Main Street, Cambria, Prior to Regular Board of Directors Meeting)**

**A. Report from Closed Session**

**CAMBRIA COMMUNITY SERVICES DISTRICT**  
**BOARD OF DIRECTORS REGULAR MEETING MINUTES**  
 Thursday, February 23, 2017 12:30 PM

**1. OPENING**

**A. Call to Order**

President Rice called the meeting to order at 12:30 p.m. and asked District Counsel to report from closed session. District Counsel stated there was nothing to report from closed session.

**B. Pledge of Allegiance**

President Rice led the Pledge of Allegiance.

**C. Establishment of Quorum**

A quorum was established.

Directors present: President Rice, Vice President Sanders, Director Thompson, Director Bahringer, and Director Farmer.

Staff present: General Manager Jerry Gruber, District Counsel Timothy Carmel, and Administrative Services Officer/District Clerk Monique Madrid.

**D. Agenda Review: Additions/Deletions**

President Rice stated that Acknowledgements and Presentations 4A would be moved to next month's agenda due to Aaron Hunt being out of town.

**2. PUBLIC COMMENT (Estimated time 30 minutes. At President's discretion additional comments may be heard at the end of the meeting.)**

Public Comment:

David Perry

Lou Escobar

PJ Webb

Christine Heinrichs

Ted Key

Jesse Arnold

Jeff Hellman

Tina Dickason

Richard Hawley

**3. SPECIAL REPORTS (Estimated time 5 Minutes per item)**

**A. Sheriff's Department Report**

Commander Taylor reported on recent activities in Cambria for the Sheriff's Department.

**B. Balance Public Relations Senator Dean Florez, Ret., to Present an Update Report on the Services Provided**



Senator Dean Florez, Ret. provided a presentation to the Board of Directors regarding his recent activities on behalf of the CCSD.

Public Comment:  
Elizabeth Bettenhausen  
Rick Hawley  
Tina Dickason

#### **4. ACKNOWLEDGEMENTS AND PRESENTATIONS**

- A.** The District Clerk will administer the Oath of Office to newly hired SAFER Firefighter Aaron Hunt

President Rice stated that this item will be presented at the March meeting.

#### **5. MANAGER'S AND BOARD REPORTS (Estimated time 15**

##### **Minutes total) A. Manager's Report**

##### **i. General Manager's Report**

General Manager Jerry Gruber began by apologizing to Ms. Tina Dickason for his inappropriate comments and mischaracterization of her at the February 23, 2017 Board meeting. He also apologized to the Regional Water Quality Control Board (RWQCB) for his mischaracterization of their feelings toward Ms. Dickason.

Mr. Gruber then continued and provided a review of the extensive work conducted in response to, and many changes implemented resulting from, the recently received Notices of Violation (NOVs) from the RWQCB. He then provided a brief summary of the Manager's report. He also provided a brief summary of the Finance Manager's report while Mr. O'Reilly is out recuperating, as well as a brief review of the District Engineer's report while Mr. Gresens remained at the office working of matters related to the recently received NOVs.

Public Comment:  
Christine Heinrichs  
Elizabeth Bettenhausen  
Tina Dickason  
Donn Howell  
Jeff Walters  
Ted Key

##### **ii. Fire Chief's Report**

Chief William Hollingsworth gave a brief report on recent activities in Cambria for the CCSD Fire Department.

##### **B. Ad Hoc Committee Reports and Other Related Board Member Reports (Committee Meetings and Board authorized meetings attended)**

- i. Ad Hoc Committee Reports:**
- 1. Finance Committee**
  - 2. Fire Committee**
  - 3. Infrastructure Committee**

President Rice gave a brief report on attending the recent Finance Committee's meeting.

Director Thompson gave a brief report on the Fire Committee's recent meeting.

Director Bahringer gave a brief report on the Infrastructure Committee's recent meeting.

Director Farmer gave a brief report on the Infrastructure Committee's recent meeting.

Public Comment:  
Elizabeth Bettenhausen  
Ted Key

## ii. **Other Board Member Reports**

Director Bahringer reported he attended the Buildout Reduction Program Citizens' Committee meetings. The Cambria Tourism Board did not meet this month. He attended the NCAC meeting and PROS meeting.

President Rice reported she did not attend the CUSD meeting. She attended a climate change symposium in Sacramento.

Vice President Sanders had nothing to report.

Director Farmer reported on attending the recent Friends of the Fiscalini Ranch Preserve and Fire Safe Council meetings.

## 6. **CONSENT AGENDA (Estimated time: 15 Minutes)**

- A. CONSIDERATION TO APPROVE THE EXPENDITURE REPORT FOR JANUARY 2017
- B. CONSIDERATION TO APPROVE THE JANUARY 2017 REGULAR BOARD MEETING DRAFT MINUTES
- C. CONSIDERATION OF APPROVAL OF LOCAL EMERGENCY DISPATCH AGREEMENT WITH CALIFORNIA CONSERVATION CORPS
- D. CONSIDERATION TO AUTHORIZE EXECUTION OF REGIONAL FIRE GRANT MEMORANDUMS OF UNDERSTANDING
- E. CONSIDERATION OF APPROVAL FOR THE PURCHASE OF A 6 INCH ENGINE DRIVEN PORTABLE PUMP
- F. CONSIDERATION TO APPROVE A CHANGE ORDER WITH ADVANTAGE TECHNICAL SERVICES, INC. FOR PROJECT ENGINEERING AND CONSTRUCTION MANAGEMENT FOR THE REPLACEMENT OF THE FISCALINI TANK

President Rice asked for any items to be pulled. General Manager Jerry Gruber read the Consent Agenda.

Director Bahringer moved to accept the consent agenda.

Vice President Sanders seconded the motion.

**Roll Call Vote:**

**Director Bahringer-Aye**  
**Vice President Sanders-Aye**  
**Director Farmer-Aye**  
**Director Thompson-Aye**  
**President Rice-Aye**

**Motion Passed Unanimously, 5-Ayes (Bahringer, Sanders, Thompson, Farmer, Rice), 0-Nays, 0-Absent**

**7. HEARINGS AND APPEALS (Estimated time: 15 Minutes per item)**

**A. PUBLIC HEARING AND CONSIDERATION OF ADOPTION OF ORDINANCE 01-2017 AMENDING CHAPTER 6.04 OF THE CAMBRIA COMMUNITY SERVICES DISTRICT MUNICIPAL CODE AND ADOPTING AND AMENDING THE 2016 EDITION OF THE CALIFORNIA FIRE CODE, THE 2015 EDITION OF THE INTERNATIONAL WILDLAND URBAN INTERFACE CODE, THE 2013 NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 1144 AND THE 2015 INTERNATIONAL PROPERTY MAINTENANCE CODE**

General Manager Jerry Gruber introduced the item and turned it over to Fire Chief William Hollingsworth, who provided a PowerPoint presentation to the Board.

President Rice opened the public hearing.

No testimony was received.

President Rice closed the public hearing.

Vice President Sanders moved to waive further reading and adopt Ordinance 01-2017 amending Chapter 6.04 of the Cambria Community Services District Municipal Code and Adopting and Amending the 2016 Edition of the California Fire Code, the 2015 Edition of the International Wildland Urban Interface Code, the 2013 NFPA Standard 1144 and the 2015 International Property Maintenance Code and direct that the Ordinance be forwarded with all required documentation to the County of San Luis Obispo for ratification by the Board of Supervisors.

Director Bahringer seconded the motion.

**Roll Call Vote:**

**Vice President Sanders-Aye**  
**Director Bahringer-Aye**  
**Director Thompson-Aye**  
**Director Farmer-Aye**  
**President Rice-Aye**

**Motion Passed Unanimously, 5-Ayes (Bahringer, Sanders, Thompson, Farmer, Rice), 0-Nays, 0-Absent**

**8. REGULAR BUSINESS (Estimated time: 15 Minutes per item)**

**A. DISCUSSION AND CONSIDERATION OF ADOPTION OF RESOLUTION 10-2017 EXTENDING THE SUSPENSION OF THE ENFORCEMENT OF**



**SURCHARGES/PENALTIES RELATED TO THE WATER CONSERVATION MEASURES, RESTRICTIONS ON THE USE OF POTABLE WATER AND MAXIMUM WATER USE ALLOTMENTS**

General Manager Jerry Gruber introduced the item and turned it over to District Counsel, who provided a brief summary to the Board.

Director Bahringer moved to adopt Resolution 10-2017 extending the suspension of the enforcement of surcharges/penalties related to the water conservation measures, restrictions on the use of potable water and maximum water use allotments indefinitely.

Vice President Sanders seconded the motion.

Director Thompson asked that the motion be amended to restrictions on the use of potable water and maximum water use allotments through June 30, 2017.

Director Bahringer accepted the amendment.

**Roll Call Vote:**

**Director Bahringer-Aye  
Vice President Sanders-Aye  
Director Farmer-Nay  
Director Thompson-Aye  
President Rice-Aye**

**Motion Passed, 4-Ayes (Bahringer, Sanders, Thompson, Rice), 1-Nay (Farmer), 0-Absent**

**B. CONSIDERATION OF APPROVAL OF PROFESSIONAL SERVICES AGREEMENT WITH DUCHARME, MCMILLEN & ASSOCIATES FOR A SALES/USE TAX OVERPAYMENT REVIEW**

General Manager Jerry Gruber introduced the item and turned it over to District Counsel, who provided a brief summary to the Board.

Director Bahringer moved to table this item until the March Regular Board Meeting.

Vice President Sanders seconded the motion.

**Roll Call Vote:**

**Director Bahringer-Aye  
Vice President Sanders-Aye  
Director Thompson-Aye  
Director Farmer-Aye  
President Rice-Aye**

**Motion Passed Unanimously 5-Ayes (Bahringer, Sanders, Thompson, Farmer, Rice), 0-Nays, 0-Absent**

**C. DISCUSSION AND CONSIDERATION TO APPROVE AN AMENDMENT TO THE AGREEMENT WITH MICHAEL BAKER INTERNATIONAL FOR ADDITIONAL FUNDING FOR EIR SUPPORT**

General Manager Jerry Gruber introduced the item and turned it over to Glenn LaJoie of Michael Baker International, Inc. Mr. LaJoie provided a brief review of the progress of the SEIR comment letters.

Director Bahringer moved to approve an amendment to the agreement with Michael Baker International for additional funding for the EIR support.

Vice President Sanders seconded the motion.

**Roll Call Vote:**

**Director Bahringer-Aye**  
**Vice President Sanders-Aye**  
**Director Thompson-Aye**  
**Director Farmer-Nay**  
**President Rice-Aye**

**Motion Passed, 4-Ayes (Bahringer, Sanders, Thompson, Rice), 1-Nay (Farmer), 0-Absent**

**9. FUTURE AGENDA ITEM(S) (Estimated time: 15 Minutes)**

President Rice asked for Board consensus on budget and audit items that were on a separate meeting.

Consensus was reached to hold a Special Board Meeting on March 9, 2017 at 3:00 p.m.

Director Bahringer moved to review the Stage 3 water emergency and consider Stage 2 on the March 23, 2017 Regular Board Meeting agenda.

Vice President Sanders seconded the motion.

**Roll Call Vote:**

**Director Bahringer-Aye**  
**Vice President Sanders-Aye**  
**Director Thompson-Aye**  
**Director Farmer-Aye**  
**President Rice-Aye**

**Motion Passed Unanimously, 5-Ayes (Bahringer, Sanders, Thompson, Farmer, Rice), 0-Nay, 0-Absent**

President Rice asked for consensus regarding placing an evaluation of the General Manager on the next agenda. Consensus was reached to evaluate at the time designated in his contract.

## CAMBRIA COMMUNITY SERVICES DISTRICT

TO: Board of Directors

AGENDA NO. **6.C.**

FROM: Jerry Gruber, General Manager

-----  
Meeting Date: March 23, 2017Subject: CONSIDERATION OF APPROVAL  
OF AMENDMENT TO COVENANT  
AND AGREEMENT RESTRICTING  
USE OF SECONDARY UNIT AT  
481 PLYMOUTH STREET**RECOMMENDATIONS:**

Staff recommends that the Board of Directors consider authorizing the Board President to execute the attached First Amendment to Covenant and Agreement Restricting Use of Secondary Unit (the "Amendment"), which would permit rental of the property located at 481 Plymouth Street (the "Property") as long as common residents occupy the primary and secondary units.

**FISCAL IMPACT:**

There are no known fiscal impacts to the CCSD by amending the Covenant and Agreement. The applicant is reimbursing the District for costs incurred to process the requested Amendment.

**BACKGROUND:**

This matter involves a request by John and Becky Newton related to a Covenant and Agreement Restricting Use of Secondary Unit (the "Covenant") that applies to the Property. The Covenant was entered into in March, 2000, when the Property owners requested proof of water and sewer availability from the CCSD for their application to the County for construction of a detached garage with living quarters above it. The Covenant provides that the Property owner must occupy both the primary and secondary units and requires that the use of the second unit terminate and the approved improvements be removed if owner occupancy ceases. The Newtons would like to buy the Property and rent it out as a single-family residence. Accordingly, they have had their attorney draft the attached First Amendment to Covenant and Agreement Restricting Use of Secondary Unit that will limit the use of both units to common residents.

A letter dated March 7, 2000 was sent by staff approving the original request for proof of water and sewer availability. The letter indicated that the Covenant was required and stated the following:

I have reviewed the plans that you have provided. This residence is currently receiving water and sewer service for a single-family residence for CCSD. The remodel described above will not change the existing single-family water and sewer serve status of the facility. **Under current district regulations, as long as the proposed addition does not create an additional separate dwelling unit,**



**it is appropriate for the County to proceed with your permit application for the proposed remodel.**

As proposed by the Newtons, the single-family character of the property would be maintained by specifying that the two units would have to be occupied by common residents. Therefore, approving the requested Amendment appears to be consistent with the original intent that the addition not create an additional separate dwelling unit. However, as a practical matter, staff does have a concern that it will be difficult for the District to monitor and enforce the amended Covenant and Agreement.

Attachments: Letter from John and Becky Newton  
First Amendment to Covenant and Agreement Restricting Use of Secondary Unit

-----  
BOARD ACTION: Date \_\_\_\_\_ Approved: \_\_\_\_\_ Denied: \_\_\_\_\_

UNANIMOUS \_\_\_RICE \_\_\_SANDERS \_\_\_THOMPSON: \_\_\_BAHRINGER \_\_\_FARMER

March 14, 2017

John and Becky Newton  
415 Lincoln Place  
Lemoore, CA 93245

To whom it may concern,

In the process of purchasing the property at 481 Plymouth Street in Cambria we discovered that there was a covenant made between the seller and the CCSD in March 2000 when the seller added a garage with an attached guestroom to the property. The covenant stated that all buildings on the property must be owner occupied. We wish to purchase the property for investment purposes with the intention of renting the two-bedroom house and the detached garage/guestroom as a single-family residence. Our lawyer has drawn up an addendum to the original covenant that would allow us to do that by stating that a common resident would occupy the primary and secondary units on the property.

We have devoted a lot of time and considerable expense to try to make this purchase work for all involved and are hoping you will approve the addendum. We love this community and would appreciate the opportunity to further invest in it.

If you have any further questions please feel free to contact us at (559) 707-4406. We will also be available at the board meeting on March 23<sup>rd</sup>.

Sincerely,

A handwritten signature in cursive script, appearing to read "John and Becky Newton". The signature is written in dark ink and is positioned above the printed name.

John and Becky Newton

RECORDING REQUESTED BY AND  
WHEN RECORDED RETURN TO:

Cambria Community Services District  
P.O. Box 65  
Cambria, CA 93428-0065

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FIRST AMENDMENT  
TO  
COVENANT AND AGREEMENT  
RESTRICTING USE OF SECONDARY UNIT

This First Amendment to Covenant and Agreement Restricting Use of Secondary Unit (“First Amendment”) is made as of March \_\_, 2017, by and between HUNTLEY COCKBURN LEWIS and LAURIE B. LEWIS, Co-Trustees of the LEWIS LIVING TRUST SURVIVOR’S TRUST as to undivided 78.47% interest and HUNTLEY COCKBURN LEWIS and LAURIE B. LEWIS, Co-Trustees of the LEWIS LIVING TRUST BYPASS TRUST as to an undivided 21.53% interest (“Owner”) and the CAMBRIA COMMUNITY SERVICES DISTRICT (“District”). For convenience, Owner and District are sometimes collectively referred to herein as the “Parties” and singularly as a “Party.”

This First Amendment is made with respect to the following recitals of fact.

A. Owners are the owners of that certain real property located in San Luis Obispo County, California more particularly described in Exhibit “A” attached hereto and incorporated herein by this reference (the “Property”).

B. Previous owners of the Property, Don W. Lewis and Huntley C. Lewis (the “Prior Owners”), entered into that certain Covenant and Agreement Restricting Use of Secondary Unit with the District dated as of March 13, 2000 (the “Original Agreement”) recorded in the Official Records of the County of San Luis Obispo, State of California as Document No. 2000-042351.

C. The Property contains two separate units, referred to as the primary unit and the secondary unit in the Original Agreement.

D. Section 2 of the Original Agreement provides that if the primary and secondary units are not occupied by the Owner (as that term is defined in the Original Agreement), use of the second unit shall terminate and the structure shall be returned to a single-family residence.

E. The intent of the restriction was to ensure that the secondary unit would not create an additional separate living unit on the Property.

D.F. Owner is now seeking to sell the Property. The purchasers, who will be bound by the terms of the Covenant and Agreement, want to rent out the Property, but agree to limit the use of the primary unit and secondary unit to the same occupants/tenants (hereinafter referred to as the “common residents”) in order to be in compliance with the intent that the secondary unit not become a separate dwelling unit.

E.G. Owner and District wish to amend the Original Agreement to amend Section 2 to provide that use of the second unit shall terminate only if the primary unit and secondary unit are not occupied by common residents.

NOW, THEREFORE, the Parties hereby agree as follows:

1. **Definitions.** All capitalized terms used in this First Amendment and not defined herein shall have the meanings ascribed in the Original Agreement. From and after the date of this First Amendment, the term “Agreement,” as used in the Original Agreement and this First Amendment shall mean the Original Agreement as amended by this First Amendment.

2. **Amendment of Section 2.** Section 2 of Original Agreement is hereby amended to read in full as follows:

“2. OWNER agrees that

A. The primary and the secondary units shall be occupied by common residents. If common resident occupancy ceases, the use of the second unit will terminate and the approved improvements shall be removed and the structure will be converted back to a single-family residence, to the satisfaction of the DISTRICT; and

B. OWNER shall reimburse the DISTRICT for costs of all necessary enforcement actions concerning the second unit on subject. This includes, but is not limited to the installation of a flow restrictor to the water meter of subject property.”

3. **Counterparts and Facsimile.** This First Amendment may be signed by the Parties in different counterparts and the signature pages combined to create a document binding on all Parties.

4. **Reaffirmation.** Except as amended hereby, the Original Agreement shall continue to be of full force and effect. In the event of a conflict in any terms or provisions of the Original Agreement and this First Amendment, the provisions of this First Amendment shall prevail.

*[Signatures on following page.]*





WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

|







EXHIBIT A

All that real property situated in the City of Cambria, County of San Luis Obispo, State of California, commonly known as 481 Plymouth Street, Cambria, California, 93428, legally described as follows:

Lots 36, 37, 39 and 40 in Block 56 of Cambria Pines Unit No. 5, County of San Luis Obispo, State of California, according to the map recorded April 29 in Book 5, Page 2 of Maps, and as per Notice of Voluntary Merger Recorded March 19, 2001 as Instrument No. 2001-016939 of Official Records in the office of the County Recorder of said County.

APN: 022-181-064

## CAMBRIA COMMUNITY SERVICES DISTRICT

TO: Board of Directors

AGENDA NO. **7.A.**FROM: Jerry Gruber, General Manager  
Bob Neumann, Consultant-----  
Meeting Date: March 23, 2017Subject: DISCUSSION AND CONSIDERATION  
OF ADOPTION OF RESOLUTION  
11-2017 ADOPTING THE LOCAL  
HAZARD MITIGATION PLAN**RECOMMENDATIONS:**

Staff recommends that the Board of Directors adopt Resolution No. 11-2017, adopting the Local Hazard Mitigation Plan (LHMP) and authorize the General Manager to make minor and non-substantive changes to the LHMP as necessary or appropriate, as it moves through the approval process.

**FISCAL IMPACT:**

There are no negative fiscal impacts associated with this action. There are significant potentially positive fiscal impacts as a Local Hazard Mitigation Plan is a prerequisite to receiving certain disaster reimbursement funds and grants.

**SUMMARY:**

The Local Hazard Mitigation Plan (LHMP) being presented to the Board for consideration has been developed to meet the requirements of the Federal Disaster Mitigation Act of 2000 (42 U.S.C. 5165, Sec. 322 and 44 CFR 201.6). This Act requires all local, county, and tribal governments to develop a hazard mitigation plan to enable those participating jurisdictions to be eligible to receive Federal mitigation funds following natural disasters and to apply for mitigation grants before disasters strike.

In the year 2016, the County of San Luis Obispo sought and received a grant to complete a Local Hazard Mitigation Plan for the Community of Cambria. The LHMP assesses the District's vulnerability to natural hazards and develops strategies to reduce the risks associated with those hazards. Once approved by District, the LHMP will be submitted to the State of California Emergency Management Agency (Cal EMA) Hazard Mitigation Office for initial review and then the Federal Emergency Management Agency (FEMA) for review and final approval.

**DISCUSSION:**

The Disaster Mitigation Act of 2000, also known as the Stafford Act, was established to reduce the rising cost of disasters. Mitigation planning and disaster preparedness were key elements of the Act. To assure that all local, county, and tribal governments developed a Local Hazard Mitigation Plan, the Stafford Act required compliance to gain eligibility for certain Federal mitigation funds. The Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program, and

Flood Mitigation Assistance Program are all examples of programs where eligibility is based on compliance with the Disaster Mitigation Act and the development of a LHMP.

The LHMP identifies natural and manmade hazards that may impact the District. It also assesses the vulnerability and risks posed by those hazards, develops strategies for mitigation of those hazards, presents future maintenance procedures for the plan, and documents the planning process.

One hundred percent of the development costs for the LHMP were provided by Hazard Mitigation Grant Program funds. The LHMP was prepared by a firm that specializes in this area of expertise, Category Five Professional Consultants, with review and input provided by a twenty-nine member planning group comprised of agency and District representatives and community stakeholders. On February 22, 2017, a public forum was held at the Cambria Fire Station in order to inform the community of the progress that has been made and also receive their input.

The LHMP approval process is lengthy and requires review by a number of agencies and the general public. Staff anticipates that minor edits or revisions may be requested by both the public and/or reviewing agencies as the plan moves through the approval process. Therefore, staff is requesting that the General Manager be allowed to make minor, non-substantive revisions or edits to the LHMP as necessary or appropriate, so as to speed up the approval process.

Attachment: Resolution 11-2017 Adopting the Local Hazard Mitigation Plan  
Exhibit A to Resolution 11-2017 Cambria LHMP

-----  
BOARD ACTION: Date \_\_\_\_\_ Approved: \_\_\_\_\_ Denied: \_\_\_\_\_

UNANIMOUS: \_\_\_ RICE \_\_\_ SANDERS \_\_\_ BAHRINGER \_\_\_ THOMPSON \_\_\_ FARMER

RESOLUTION 11-2017  
MARCH 23, 2017

A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CAMBRIA COMMUNITY SERVICES DISTRICT  
ADOPTING THE LOCAL HAZARD MITIGATION PLAN

WHEREAS, mounting costs of disaster recovery in the nation over the past decade have promoted interest in providing effective ways to minimize our country's hazard vulnerability; and

WHEREAS, the Disaster Mitigation Act of 2000 (the "Act"), also commonly known as The 2000 Stafford Act Amendments, constitutes an effort by the Federal government to reduce the rising cost of disasters; and

WHEREAS, the Act requires local governments to develop and submit mitigation plans in order to qualify for the Hazard Mitigation Grant Program project funds (42 U.S.C. 5165, Sec. 322 and 44 CFR 201.6); and

WHEREAS, the purpose of the Act was to establish a national program for pre-disaster mitigation, streamline administration of disaster relief at both the federal and State levels, and control federal costs of disaster assistance; and

WHEREAS, the Cambria Community Services District has completed a planning process, which allowed participation by the local community, and has developed a Local Hazard Mitigation Plan that meets the needs established by the Act.

NOW, THEREFORE, BE IT RESOLVED by the Cambria Community Services District Board of Directors that the Local Hazard Mitigation Plan for the Community of Cambria, a copy of which is attached hereto and incorporated by reference as Exhibit A, is hereby adopted.

BE IT FURTHER RESOLVED that a copy of this Resolution and a copy of the Local Hazard Mitigation Plan shall be forwarded to the Governor's Office of Emergency Services and the Federal Emergency Management Agency.

PASSED AND ADOPTED THIS 23<sup>rd</sup> day of March, 2017.

\_\_\_\_\_  
Amanda Rice  
President, Board of Directors

ATTEST:

APPROVED AS TO FORM:

\_\_\_\_\_  
Monique Madrid  
District Clerk

\_\_\_\_\_  
Timothy J. Carmel  
District Counsel





# DRAFT Local Hazard Mitigation Plan For the Cambria Community Services District

March 2017



*Prepared by Category Five Professional Consultants, Inc.*



# Local Hazard Mitigation Plan for Cambria CSD

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## TABLE OF CONTENTS

- I. ADOPTION RESOLUTION..... 5**
- II. EXECUTIVE SUMMARY..... 6**
  - A. General Plan Description ..... 6**
  - B. Plan Purpose and Authority ..... 6**
- III. PLANNING PROCESS ..... 7**
  - A. DMA 2000 Requirements..... 7**
  - B. Plan Development and Public Input Process..... 8**
  - C. Incorporation of Existing Plans and Other Information ..... 13**
  - D. Plan Adoption ..... 13**
- IV. JURISDICTION PROFILE..... 14**
  - A. Community History ..... 14**
  - B. Geography ..... 15**
  - C. Communities and Protected Areas ..... 15**
  - D. Population and Housing ..... 19**
  - E. Economy ..... 24**
  - F. Schools ..... 27**
  - G. Utilities ..... 29**
  - H. Medical ..... 29**
  - I. Climate..... 30**
  - J. Climate Change-Global Warming ..... 31**
  - K. Transportation Systems..... 31**



# Local Hazard Mitigation Plan for Cambria CSD

---

- L. Governing Body..... 34**
- M. Land Use..... 35**
- V. RISK ASSESSMENT ..... 36**
  - A. DMA 2000 Requirement..... 36**
  - B. Hazard Identification..... 36**
  - C. Hazard Profiles ..... 37**
    - i. Earthquake..... 37**
    - ii. Flooding ..... 50**
    - iii. Landslides ..... 59**
    - iv. Extreme Weather ..... 64**
    - v. Wildfire..... 73**
    - vi. Tsunami ..... 87**
  - D. Hazard Ranking ..... 93**
- VI. VULNERABILITY ASSESSMENT ..... 93**
  - A. Overview..... 93**
  - B. DMA 2000 Requirements..... 94**
  - C. Critical Facilities and Infrastructure..... 94**
  - D. Jurisdictional Assets at Risk to Applicable Hazards ..... 95**
  - E. Methodology Used..... 98**
  - F. Loss Estimations..... 98**
  - G. Development Trend Analysis..... 98**



# Local Hazard Mitigation Plan for Cambria CSD

---

- VII. CAPABILITY ASSESSMENT ..... 99**
  - A. Overview ..... 99**
  - B. Legal and Regulatory ..... 99**
  - C. Administrative and Technical..... 100**
  - D. Financial ..... 101**
  - E. Political Will of Community ..... 101**
  - F. Physical Assets ..... 101**
- VIII. MITIGATION STRATEGY ..... 104**
  - A. DMA 2000 Requirements ..... 104**
  - B. Goals, Objectives and Mitigation Actions ..... 104**
  - C. How Mitigation Goals Address Buildings and Infrastructure ..... 112**
- IX. MITIGATION ACTION IMPLEMENTATION ..... 115**
  - A. DMA 2000 Requirements ..... 115**
  - B. Prioritization of Mitigation Actions ..... 115**
  - C. Action Plan ..... 116**
  - D. Implementation Through Existing Plans and Programs ..... 121**
  - E. Continued Public Involvement ..... 121**
  - F. Plan Monitoring, Evaluating and Updating ..... 122**
  
- Attachment A: Definitions/Acronyms ..... 123**
- Attachment B: Preliminary Notice to Neighboring Communities..... 124**
- Attachment C: Public Forum Notice to Neighboring Communities ..... 126**
- Attachment D: Press Release to General Public ..... 127**

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## Local Hazard Mitigation Plan for Cambria CSD

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### I. ADOPTION RESOLUTION



## Local Hazard Mitigation Plan for Cambria CSD

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### II. EXECUTIVE SUMMARY

#### A. General Plan Description

The mounting cost of disaster recovery in our nation over the past two decades has engendered a tremendous interest in uncovering effective ways to minimize our country's hazard vulnerability. The Cambria Community Services District has joined a nationwide effort to develop a local hazard mitigation plan specific to their jurisdiction. The goal of this plan is to arrive at practical, meaningful, attainable and cost-effective mitigation solutions to minimize Cambria's vulnerability to identified hazards and ultimately reduce both human and financial losses subsequent to a disaster.

Development of this Local Hazard Mitigation Plan entailed reviewing existing applicable plans and assessing the planning capabilities, securing political support and soliciting input and approval from the public and community stakeholders.

Risk assessments were then performed which identified and evaluated each natural hazard that could impact the planning area. Historical hazard events are described. The future probability of these identified hazards and their impact on each of these communities is described.

Vulnerability assessments were performed which summarized the identified hazards' impact to each community's critical structures and infrastructure and future development. An estimate of the potential dollar losses to vulnerable structures was determined.

The risk and vulnerability assessments were used to determine mitigation goals and objectives to minimize long-term vulnerabilities to the identified hazards. These goals and objectives were the foundation behind the development of a comprehensive range of specific attainable mitigation actions created for each jurisdiction.

An action plan was then creating entails adopting, implementing, assigning responsibility, monitoring, and reviewing this hazard mitigation plan over time, to ensure the goals and objectives are being achieved and the plan remains a relevant document.

#### B. Plan Purpose and Authority

The Disaster Mitigation Act (DMA) of 2000, also commonly known as "The 2000 Stafford Act Amendments" (the Act), constitutes an effort by the Federal government to reduce the rising cost of disasters. The Act stresses the importance of mitigation planning and disaster preparedness prior to an event.

Mitigation Planning Section 322 of the Act requires local governments to develop and submit mitigation plans in order to qualify for the Hazard Mitigation Grant Program (HMGP) project funds. It also increases the amount of HMGP funds available to states meeting the enhanced planning criteria, and enables these funds to be used for planning activities.



## Local Hazard Mitigation Plan for Cambria CSD

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For disasters declared after November 1, 2004, Cambria Community Services District (CCSD) must have an LHMP approved pursuant to §201.6 in order to receive FEMA Pre-Disaster Mitigation (PDM) project grants or to receive post-disaster Hazard Mitigation Grant Program (HMGP) project funding. The LHMP is written to meet the statutory requirements of DMA 2000 (P.L. 106-390), enacted October 30, 2000 and 44 CFR Part 201 – Mitigation Planning, Interim Final Rule, published February 26, 2002.

To facilitate implementation of the DMA 2000, the Federal Emergency Management Agency (FEMA) created an Interim Final Rule (the Rule), published in the Federal Register in February of 2002 at section 201 of 44 CFR. The Rule spells out the mitigation planning criteria for States and local communities. Specific requirements for local mitigation planning efforts are outlined in section §201.6 of the Rule. Local jurisdictions must demonstrate that proposed mitigation actions are based upon a sound planning process that accounts for the inherent risk and capabilities of the individual communities as stated in section §201.5 of the Rule.

In developing this comprehensive Hazard Mitigation Plan, FEMA's Multi-Hazard Mitigation Planning Guidance (March 2004 and July 2008) was strictly adhered to for the purpose of ensuring thoroughness, diligence, and compliance with the DMA 2000 planning requirements.

### III. PLANNING PROCESS

#### A. DMA 2000 Requirements

##### **DMA Requirements §201.6(b) and §201.6(c)(1):**

An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:

- (1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
- (2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
- (3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

The plan shall document the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.



## Local Hazard Mitigation Plan for Cambria CSD

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### B. Plan Development and Public Input Process

A news release was developed and issued and informative letters were sent out to community groups and neighboring jurisdictions inviting public participation. A Hazard Mitigation Planning Group was constructed with representatives from a wide variety of community stakeholders. Planning group meetings were held which explained the process that was going to be taken to construct the new plan, reviewed hazards of concern and hazard rankings, and explained the risks and vulnerability to the communities' people, buildings and infrastructure. Mitigation goals, objectives and actions were discussed and reviewed thoroughly with all planning group members until concurrence was reached. A capability assessment and action plan were developed to ensure mitigation actions were realistic and attainable and to assign funding sources and responsibility for each proposed activity.

After the Hazard Mitigation Planning Group Members and the Cambria Community Services District were both satisfied with the newly constructed draft plan and its goals, objectives and mitigation actions, a noticed public forum was held on March 2, 2017 at the Veteran's Hall at 1000 Main Street in Cambria. This was advertised to the general public in the Cambrian, the local Cambria newspaper, and was also posted on the CCSD website. Additionally, neighboring jurisdictions were invited to attend and provide feedback at this forum. Invitations were sent to: the San Simeon Community Services District, San Luis Obispo County Office of Emergency Services, Hearst Castle Museum Director, and the Forest Supervisor for Los Padres National Forest. *Please see invitation sent in Plan Appendix C.* An Administrative Draft of the Hazard Mitigation Plan was posted on the CCSD website two weeks prior to the public forum to allow the general public and neighboring jurisdiction an opportunity to review the plan. A Power Point presentation was developed that provided a detailed explanation of the risks and vulnerabilities the community faced. The mitigation goals, objectives and actions were explained in detail as were the resources that would be used to help mitigate these hazards. In addition, the general public had an opportunity to ask questions and comment on the proposed plan. All comments were reviewed with the stakeholder group and incorporated into the plan as appropriate. After inputting feedback from the general public, the Plan was taken to the CCSD Board of Directors for approval on March 23, 2017 at the Veterans Hall at 1000 Main Street in Cambria. The Public and Neighboring Communities were invited to attend the event and comment. This was advertised two weeks in advance, on both the County and CCSD websites, community bulletin boards and through a press release. A notification letter was also sent to San Luis Obispo County's Office of Emergency Services Manager and the General Manager of the neighboring San Simeon Community Services District. Two weeks prior to the hearing, the final Plan was posted on the CCSD website to enable the public and stakeholders ample time to read and evaluate it.





## Local Hazard Mitigation Plan for Cambria CSD

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The Cambria Local Hazard Mitigation Planning Group was comprised of the following agency representatives and key stakeholders:

<b>Name</b>	<b>Agency</b>	<b>Title</b>	<b>Attended All Planning Group Meetings</b>	<b>Identified Hazards and Assisted with Mitigation Action Development</b>	<b>Additional Role</b>
<b>Ron Alsop</b>	SLO County Office of Emergency Services	Emergency Services Manager	Yes	Yes	Planning Advisor
<b>Jerry Grubber</b>	Cambria Community Services District	General Manager	Yes	Yes	Technical Specialist
<b>Michael Thompson</b>	Cambria Community Services District	Vice-President	Yes	Yes	Member of Ad Hoc Committee Overseeing LHMP
<b>Kathe Tanner</b>	The Cambrian	News Reporter/ Photographer	Yes	Yes	Communications and History Specialist
<b>Susan McDonald</b>	Community Volunteer		Yes	Yes	Community Liaison
<b>Joyce Renshaw</b>	Friends of Fiscalini Ranch	Chair	Yes	Yes	Open Space Advisor
<b>Shirley Bianchi</b>	Cambria Fire Safe Council	Moderator	Yes	Yes	Government Affairs/History Specialist



## Local Hazard Mitigation Plan for Cambria CSD

<b>Bruce Fosdike</b>	Cambria Fire Safe Council	Member	Yes	Yes	Technical Specialist
<b>Barbara Bronson Gray</b>	Cambria Community Health Care District	Director	Yes	Yes	EMS Technical Specialist
<b>Connie Gannon</b>	Greenspace	Executive Director	Yes	Yes	Open Space Advisor
<b>Cherie McKee</b>	San Luis Obispo County Board of Supervisors District #2	Legislative Assistant	Yes	Yes	Governmental Affairs Specialist
<b>Dave Wierenga</b>	Cambria Community Emergency Response Team	Assistant Lead	Yes	Yes	Community Support Emergency Response
<b>Craig Ufferheide</b>	Cambria Community Emergency Response Team	Lead	Yes	Yes	Community Support Emergency Response
<b>Marilyn Sproul</b>	Community Emergency Response Team	Member	Yes	Yes	Community Support Emergency Response
<b>Mike Walsh</b>	Community Emergency Response Team	Member	Yes	Yes	Community Support Emergency Response



## Local Hazard Mitigation Plan for Cambria CSD

<b>Ken Topping</b>	SLO County Planning Commission	Member	Yes	Yes	Governmental Affairs/LHMP Planning/History Specialist
<b>Bob Putney</b>	Cambria CSD Fire Department	Fire Chief Retired	Yes	Yes	Fire/EMS Technical Specialist
<b>William Hollingsworth</b>	Cambria Fire Community Services District	Fire Chief	Yes	Yes	Fire/EMS Technical Specialist
<b>Gail Robinette</b>	Cambria Community Services District	Director	Yes	Yes	Governmental Affairs
<b>Alan Peters</b>	CAL FIRE	County Forester	Yes	Yes	Forest Management
<b>Dave Fowler</b>	CAL FIRE	Fire Captain	Yes	Yes	Fire History and Fire Management
<b>Jeff Eckles</b>	Home Builders Association of the Central Coast	Executive Director	Yes	Yes	Land Use and Development Trends
<b>Joe Prian</b>	Remax	Realtor	Yes	Yes	Land Use and Development Trends
<b>Annie Lachance</b>	Coast Unified School District	Business Manager	Yes	Yes	Project Manager for School District



## Local Hazard Mitigation Plan for Cambria CSD

<b>Lee Wight</b>	Coast Unified School District	Facilities Director	Yes	Yes	Liaison
<b>Mary Ann Carson</b>	Cambria Chamber of Commerce	Executive Director	Yes	Yes	Liaison
<b>Stephen Kniffen</b>	Cambria Chamber of Commerce	Board of Director	Yes	Yes	Liaison
<b>Bob Sayers</b>	Cambria Community Healthcare District	Administrator	Yes	Yes	EMS Technical Specialist
<b>William Siembieda</b>	Cal Poly State University	Professor of City and Regional Planning	Yes	Yes	Land Use/ Planning Specialist
<b>Christine Heinrichs</b>	Cambria Forest Committee	Director	Yes	Yes	Forest Management
<b>Laura Swartz</b>	Cambria Forest Committee	Member	Yes	Yes	Forest Management
<b>Crosby Swartz</b>	Cambria Forest Committee	Member	Yes	Yes	Forest Management
<b>Bob Neumann</b>	Category Five Professional Consultants	Consultant/Vice-President	Yes	Yes	Technical Specialist - Public Safety
<b>Sheri Eibschutz</b>	Category Five Professional Consultants	Consultant/President	Yes	Yes	Facilitator/Planner





## Local Hazard Mitigation Plan for Cambria CSD

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### C. Incorporation of Existing Plans and Other Information

At the commencement of and throughout the planning process, a thorough review was conducted of all current and past pertinent planning documents including:

- San Luis Obispo County General Plan including:
  - Safety Element
  - Land Use Element
  - Open Space Element
- California State Hazard Mitigation Plan
- Cambria Community Wildfire Protection Plan
- Cambria Forest Management Plan
- San Luis Obispo County Community Wildfire Protection Plan
- San Luis Obispo County Local Hazard Mitigation Plan
- Flood Insurance Rate Maps (FIRM's)
- Past Disaster Declarations
- Santa Rosa Creek Watershed Enhancement Plan
- U S Fire Administration - Technical Studies

### D. Plan Adoption

Adoption by the local governing body demonstrates the jurisdiction's commitment to fulfilling the hazard mitigation goals and actions outlined in the plan. Adoption legitimizes the plan and authorizes applicable agencies to execute their responsibilities. Once the general public had an opportunity to review, ask questions and comment on the proposed plan, the newly constructed LHMP was taken to the Cambria Community Services District Board of Directors for their approval.



## Local Hazard Mitigation Plan for Cambria CSD

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### IV. JURISDICTION PROFILE

#### A. Cambria History

This community's earliest settlers are believed to be the Native American Chumash Tribe. Approximately 30,000 tribal members inhabited Cambria nearly 1000 years prior to the arrival of Spanish settlers. Scientists have recovered evidence indicating that the tribes inhabiting the Cambria area were peaceful gentle individuals that lived modestly. These tribal members were known for their knowledge of medicinal herbs, their food handling hygiene, and their close family bonds. They were accomplished net and basket makers and created jewelry from abalone shells, whale and shark teeth, and crab claws. There is evidence that they entertained themselves with both music and gambling.

Records indicated that the Portola expedition brought the first Spanish explorers to the area in 1769. The Spanish temporarily named the area *El Osito*, in response to the Chumash offering them the gift of a juvenile bear.

In 1841, Governor Juan Alvarado gave Julian Estrada Rancho Santa Rosa, a Mexican land grant comprising 13,184 acres. This endowment stretched along the Pacific coastline from San Simeon Creek to the current town of Harmony, and included present-day Cambria.

Over the years, Cambria has also been called San Simeon, Santa Rosa, Rosaville and Slab Town. The District's fertile soils, lumber, and streams attracted many settlers. When cinnabar ore was discovered in 1862, the area appealed to miners. From 1867 to 1870, Cambria was a prosperous town exporting \$280,000 worth of quicksilver. Of the numerous mining claims filed, the Quicksilver Mining Company possessed the most successful. Their mine, the sixth largest in the world, employed 300 workers. This economic boom lasted until 1878 when mercury prices declined. Cambria's fluctuating mercury business came to an abrupt halt in 1889 as the result of a devastating fire. This was a turning point for Cambria which transitioned from a fishing and mining town into a dairy and lumber export community.

Many historic buildings remain in Cambria including the Squibb-Darke house, the Brambles, Santa Rosa School, the Hoosegow and the Old Santa Rosa Chapel. The latter was constructed in 1870. This historic landmark is one of the oldest churches in San Luis Obispo County. Following its closing in 1963, its church and cemetery suffered neglect and vandalism. A later restoration project enabled the Chapel to reopen its doors in 1984.

Between 1919 and 1947, Hearst Castle, intended to be residence for newspaper icon, William Randolph Hearst, was constructed in neighboring San Simeon, California. This project was viewed positively by Cambria citizens who were grateful for employment opportunities particularly during



## **Local Hazard Mitigation Plan for Cambria CSD**

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the Great Depression years. Hearst Castle became a California State Park in 1954 and was open to visitors four years later. Cambria residents continue to provide services, supplies and accommodations to Hearst Castle's many visitors.

### **B. Geography**

The scenic coastal community of Cambria has a total area of 8.5 square miles (22 km<sup>2</sup>). This Census Designated Place (CDP) is entirely comprised of land and is located midway between Los Angeles and San Francisco-240 miles in each direction right alongside California State Highway 1. It resides between sea level and a 200 foot elevation and is located at 35°33'15"N 121°05'15"W.

The town of Cambria is approximately 3 squares miles in area. The District is built upon the Cambria Slab, a 5,000 ft. thick late-Cretaceous sandstone which extends from Villa Creek in Estero Bluffs State Park to San Simeon Creek, holding up the high coastal ridge between Cayucos and San Simeon State Park.

### **C. Communities and Protected Areas**

Cambria is an unincorporated community. It contains several protected areas including the Fiscalini Ranch Preserve (originally called the East-West Ranch). This is a 430-acre park separating Cambria's East and West Villages. It is owned by the Cambria Community Services District and the easement is held by Friends of Fiscalini Ranch Preserve. This preserve safeguards over a mile of the stunning Pacific coastline.

In the waters adjacent to Cambria and San Simeon, four Marine Protected Areas (MPA's) have been designated in order to conserve ocean wildlife and marine ecosystems. They are: Piedras Blancas State Marine Reserve, Piedras Blancas State Marine Conservation Area, White Rock State Marine Conservation Area and Cambria State Marine Conservation Area/ Cambria State Park.

To Cambria's south adjacent to the University of California Natural Reserve site at Rancho Marino lies the rugged White Rock (Cambria) State Marine Conservation Area. This Marine Protected Area spans 2.32 square miles. It is unlawful to injure, damage, take, or possess any living, geological, or cultural marine resource for recreational and/or commercial purposes, in this area with the exception of the commercial taking of giant kelp (*Macrocystis pyrifera*) and bull kelp (*Nereocystis* species). Several ongoing research projects take place here which provide valuable insight in ways to better protect the ocean and planet, and show the value of efforts to preserve the lush kelp beds and biologically rich intertidal zones.



## **Local Hazard Mitigation Plan for Cambria CSD**

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To the north of the White Rock State Marine Conservation Area, the Cambria State Marine Conservation Area was established in 2007 by the California Department of Fish and Game. In 2010, it was also designated Cambria State Marine Park by the California State Park and Recreation Commission. The two areas share the same boundaries. And this MPA spans 6.26 miles. Within this Conservation Area, recreational fishing is permitted while commercial fishing and removal of marine resources is strictly prohibited.





# Local Hazard Mitigation Plan for Cambria CSD

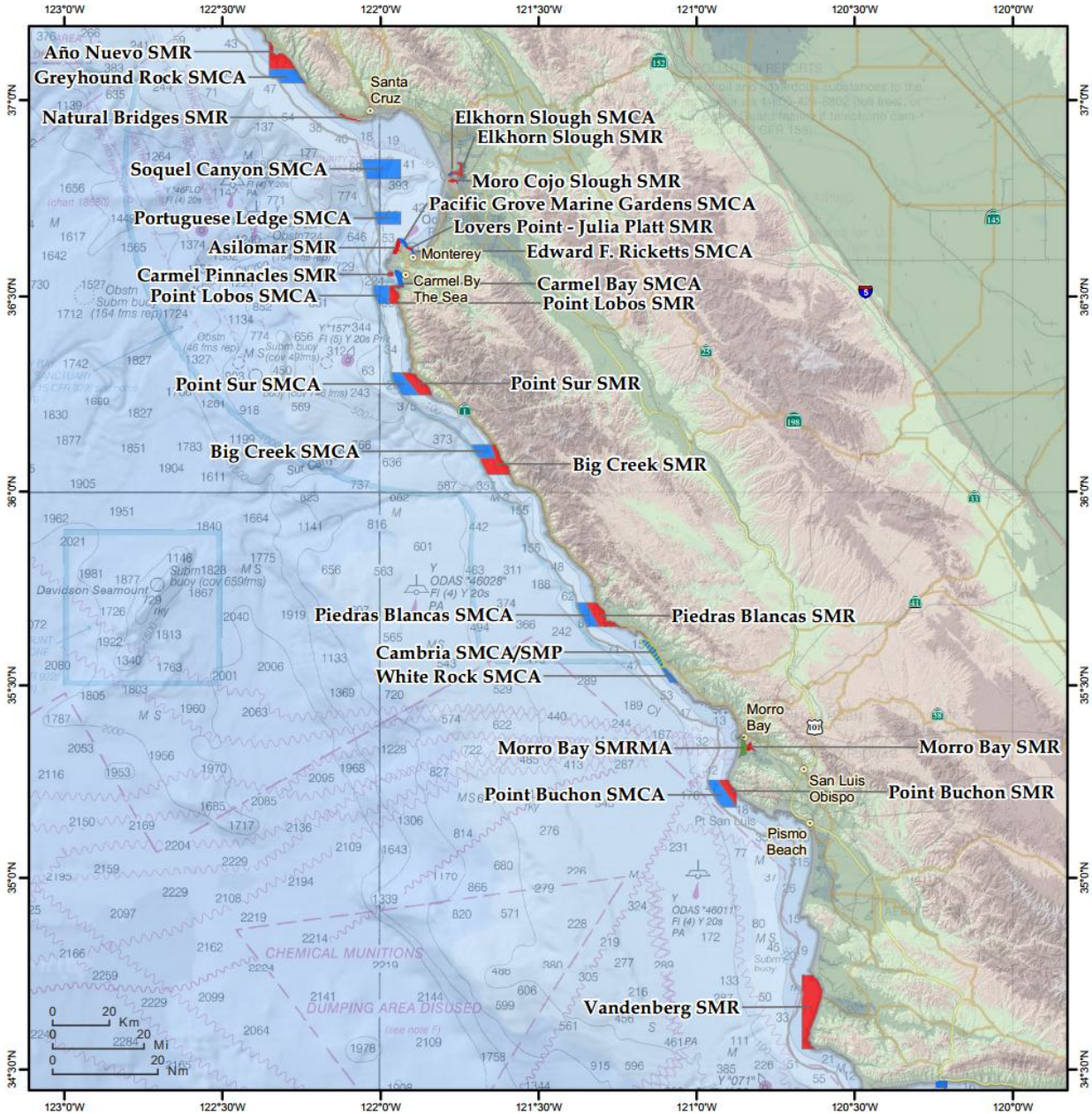






# Local Hazard Mitigation Plan for Cambria CSD

## California Central Coast MPAs



THIS CHART DOES NOT REPLACE THE LEGAL DESCRIPTION FOUND IN TITLE 14, CALIFORNIA CODE OF REGULATIONS

State Marine Reserve (SMR)	State Marine Recreational Management Area (SMRMA)	Three Nautical Mile Maritime Limit (State Water Jurisdiction)		1:1,800,000 (@ print size 8.5" x 11")
State Marine Conservation Area (SMCA)				

California Department of Fish and Wildlife, Marine Region GIS Lab ~ March 1, 2016



## Local Hazard Mitigation Plan for Cambria CSD

### D. Population and Housing

#### i. Population Overview

Cambria, California 2010-2014	
Median Household Income	\$ 62,948
Persons in poverty, percent	7.2 %
Educational Attainment: Percent high school graduate or higher	90.5%
Persons without health insurance, percent	11.0%
Median Housing Value	\$625,300
Total Housing Units	4,096
Number of Companies	920
Male Median Income	\$46,365
Female Median Income	\$26,215
Veterans	734

*Sources: 2010-2014 American Community Survey 5-Year Estimates  
2010-2014 American Community Survey 5-Year Profiles  
2012 Survey of Business Owners: Company Summary*

#### ii. Resident Age and Race

CAMBRIA, CALIFORNIA CDP DEMOGRAPHIC ESTIMATES	Cambria CDP, California	
	Estimate	Percent
<b>SEX AND AGE</b>		
<b>Total population</b>	6,246	6,246
<b>Male</b>	2,933	47.0%
<b>Female</b>	3,313	53.0%
<b>Under 5 years</b>	166	2.7%
<b>5 to 9 years</b>	250	4.0%
<b>10 to 14 years</b>	229	3.7%
<b>15 to 19 years</b>	259	4.1%
<b>20 to 24 years</b>	192	3.1%
<b>25 to 34 years</b>	472	7.6%
<b>35 to 44 years</b>	466	7.5%



## Local Hazard Mitigation Plan for Cambria CSD

<b>45 to 54 years</b>	561	9.0%
<b>55 to 59 years</b>	375	6.0%
<b>60 to 64 years</b>	947	15.2%
<b>65 to 74 years</b>	1,444	23.1%
<b>75 to 84 years</b>	623	10.0%
<b>85 years and over</b>	262	4.2%
<b>Median age (years)</b>	60.8	
<b>RACE</b>		
<b>One race</b>	6,088	97.5%
<b>White</b>	5,718	91.5%
<b>Black or African American</b>	8	0.1%
<b>American Indian and Alaska Native</b>	73	1.2%
<b>Cherokee tribal grouping</b>	0	0.0%
<b>Chippewa tribal grouping</b>	0	0.0%
<b>Navajo tribal grouping</b>	0	0.0%
<b>Sioux tribal grouping</b>	0	0.0%
<b>Asian</b>	33	0.5%
<b>Native Hawaiian and Other Pacific Islander</b>	0	0.0%
<b>Some other race</b>	256	4.1%
<b>Two or more races</b>	158	2.5%
<b>White and Black or African American</b>	0	0.0%
<b>White and American Indian and Alaska Native</b>	109	1.7%
<b>White and Asian</b>	19	0.3%
<b>Black or African American and American Indian and Alaska Native</b>	6	0.1%
<b>Total population</b>	6,246	6,246
<b>HISPANIC OR LATINO AND RACE</b>		
<b>Total population</b>	6,246	6,246
<b>Hispanic or Latino (of any race)</b>	1,338	21.4%
<b>Mexican</b>	1,159	18.6%
<b>Puerto Rican</b>	0	0.0%
<b>Cuban</b>	0	0.0%
<b>Other Hispanic or Latino</b>	179	2.9%
<b>Not Hispanic or Latino</b>	4,908	78.6%
<b>Total housing units</b>	4,096	

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates





## Local Hazard Mitigation Plan for Cambria CSD

### iii. Housing Characteristic Profile

<b>CAMBRIA, CALIFORNIA 2010 HOUSING CHARACTERISTICS</b>		
	<b>Number</b>	<b>Percent</b>
<b>HOUSEHOLDS BY TYPE</b>		
<b>Total households</b>	2,762	100.0
<b>Family households</b>	1,758	63.6
<b>With own children under 18 years</b>	403	14.6
<b>Husband-wife family</b>	1,483	53.7
<b>With own children under 18 years</b>	275	10.0
<b>Male householder, no wife present</b>	75	2.7
<b>With own children under 18 years</b>	40	1.4
<b>Female householder, no husband present</b>	200	7.2
<b>With own children under 18 years</b>	88	3.2
<b>Nonfamily households</b>	1,004	36.4
<b>Householder living alone</b>	804	29.1
<b>Male</b>	286	10.4
<b>65 years and over</b>	118	4.3
<b>Female</b>	518	18.8
<b>65 years and over</b>	304	11.0
<b>Households with individuals under 18 years</b>	442	16.0
<b>Households with individuals 65 years and over</b>	1,320	47.8
<b>Average household size</b>	2.18	
<b>Average family size [7]</b>	2.61	
<b>HOUSING OCCUPANCY</b>		
<b>Total housing units</b>	4,062	100.0
<b>Occupied housing units</b>	2,762	68.0
<b>Vacant housing units</b>	1,300	32.0
<b>For rent</b>	88	2.2
<b>Rented, not occupied</b>	3	0.1
<b>For sale only</b>	71	1.7
<b>Sold, not occupied</b>	10	0.2



## Local Hazard Mitigation Plan for Cambria CSD

<b>For seasonal, recreational, or occasional use</b>	1,058	26.0
<b>All other vacants</b>	70	1.7
<b>Homeowner vacancy rate (percent)</b>	3.4	
<b>Rental vacancy rate (percent)</b>	10.1	
<b>HOUSING TENURE</b>		
<b>Occupied housing units</b>	2,762	100.0
<b>Owner-occupied housing units</b>	1,985	71.9
<b>Population in owner-occupied housing units</b>	4,030	
<b>Average household size of owner-occupied units</b>	2.03	
<b>Renter-occupied housing units</b>	777	28.1
<b>Population in renter-occupied housing units</b>	2,001	
<b>Average household size of renter-occupied units</b>	2.58	

Source: U.S. Census Bureau, 2010 Census

#### iv. Poverty Status

The economic status of the local population is very diverse and includes low, middle and high-income families. Cambria’s estimated poverty level for the past 12 months is 7.2% which falls well below the state estimate of 16%.



## Local Hazard Mitigation Plan for Cambria CSD

### Poverty Status Estimates for Past 12 months

POVERTY STATUS ESTIMATES	Cambria CDP, California		
	Total	Below poverty level	Percent below poverty level
	Estimate	Estimate	Estimate
<b>Population for whom poverty status is determined</b>	6,219	450	7.2%
<b>AGE</b>			
<b>Under 18 years</b>	784	108	13.8%
<b>Related children under 18 years</b>	777	101	13.0%
<b>18 to 64 years</b>	3,106	230	7.4%
<b>65 years and over</b>	2,329	112	4.8%
<b>SEX</b>			
<b>Male</b>	2,932	162	5.5%
<b>Female</b>	3,287	288	8.8%
<b>RACE AND HISPANIC OR LATINO ORIGIN</b>			
<b>One race</b>	6,061	433	7.1%
<b>White</b>	5,691	407	7.2%
<b>Black or African American</b>	8	0	0.0%
<b>American Indian and Alaska Native</b>	73	26	35.6%
<b>Asian</b>	33	0	0.0%
<b>Native Hawaiian and Other Pacific Islander</b>	0	0	-
<b>Some other race</b>	256	0	0.0%
<b>Two or more races</b>	158	17	10.8%
<b>Hispanic or Latino origin (of any race)</b>	1,312	210	16.0%
<b>White alone, not Hispanic or Latino</b>	4,720	229	4.9%
<b>EDUCATIONAL ATTAINMENT</b>			
<b>Population 25 years and over</b>	5,150	297	5.8%
<b>Less than high school graduate</b>	487	60	12.3%
<b>High school graduate (includes equivalency)</b>	791	57	7.2%
<b>Some college, associate's degree</b>	1,423	131	9.2%



## Local Hazard Mitigation Plan for Cambria CSD

<b>Bachelor's degree or higher</b>	2,449	49	2.0%
<b>EMPLOYMENT STATUS</b>			
<b>Civilian labor force 16 years and over</b>	2,569	156	6.1%
<b>Employed</b>	2,423	134	5.5%
<b>Male</b>	1,178	12	1.0%
<b>Female</b>	1,245	122	9.8%
<b>Unemployed</b>	146	22	15.1%
<b>Male</b>	104	13	12.5%
<b>Female</b>	42	9	21.4%
<b>WORK EXPERIENCE</b>			
<b>Population 16 years and over</b>	5,503	353	6.4%
<b>Worked full-time, year-round in the past 12 months</b>	1,302	37	2.8%
<b>Worked part-time or part-year in the past 12 months</b>	1,451	160	11.0%
<b>Did not work</b>	2,750	156	5.7%
<b>All Individuals below:</b>			
<b>50 percent of poverty level</b>	175		
<b>125 percent of poverty level</b>	576		
<b>150 percent of poverty level</b>	739		
<b>185 percent of poverty level</b>	1,202		
<b>200 percent of poverty level</b>	1,423		

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates

### E. Economy

#### Employment by Industry

The most common industries in Cambria with respect to employee numbers are Accommodation and Food Service, Retail Trade, and Healthcare and Social Assistance. Tourism is the driving force behind the accommodation and food service industry primarily resulting from visitors to Hearst Castle, located six miles to the north and the Piedras Blancas elephant seal rookery, fifteen miles to the north. Additionally, tourists are attracted to Cambria's scenic beaches, tide pools, rocky cliffs and Monterey Pines. Cambria is home to a number of cozy bed and breakfast lodgings particularly along Moonstone Beach Drive in addition to the Cambria Historical Museum in the East Village and Hillcrest Drive's historic Nitt Witt Ridge. Coast Unified School District and Cambria Community Services District are other major local employers.





## Local Hazard Mitigation Plan for Cambria CSD

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### Industries by Share (Total Employees 2,423):

INDUSTRY	SHARE (Percent)	Employees
Accommodation and Food Service	18.5%	448
Retail Trade	13.5	326
Healthcare and Social Assistance	11.5	278
Professional, Scientific, Tech Services	8.5	207
Admin Support, Waste Management Services	6.9	168
Educational Services	6.7	163
Construction	5.8	140
Other Services except Public Administration	4.7	115
Real Estate, Rental and Leasing	4.0	96
Manufacturing	3.5	84
Finance and Insurance	2.4	57
Public Administration	2.1	50
Information	1.8	43
Wholesale Trade	1.5	37
Mining, Quarrying, Oil, Gas Extraction	1.0	25
Utilities	0.7	16
Agriculture, Forestry, Fishing, Hunting	0.4	9
Transportation and Warehousing	0.3	7

Dataset: ACS 5-year Estimate Source: Census Bureau



## Local Hazard Mitigation Plan for Cambria CSD

### 2012 Economic Census: Cambria CDP, California

INDUSTRY TYPE	Number of establishments	Value of sales, shipments, receipts, revenue, or business done (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Number of employees
<b>Manufacturing</b>	5		655		21
<b>Wholesale trade</b>	4	4,682	351	72	12
<b>Retail trade</b>	37	38,578	4,131	989	243
<b>Information</b>	3				
<b>Finance and insurance</b>	4				
<b>Real estate and rental and leasing</b>	13	8,265	1,389	493	29
<b>Professional, scientific, and technical services</b>	12	1,849	619	138	25
<b>Administrative and support and waste management and remediation services</b>	12	2,435	534	109	20
<b>Health care and social assistance</b>	14	4,962	2,499	497	65
<b>Arts, entertainment, and recreation</b>	9	3,237	460	84	21
<b>Accommodation and food services</b>	55	50,559	14,300	3,389	728
<b>Other services (except public administration)</b>	8	1,890	538	132	21

Source: U.S. Census Bureau, 2012 Economic Census, 2012 Economic Census of Island Areas, and 2012 Nonemployer Statistics



## Local Hazard Mitigation Plan for Cambria CSD

### F. Schools

Coast Unified School District is located within Cambria. The School District serves the Cambria, Cayucos and San Simeon communities in addition to surrounding areas. The district has approximately 750 students enrolled in grades K-12. This includes:

School	Grades	Student Population
Cambria Grammar School	K-5	259
Santa Lucia Middle School	6-8	159
Coast Union High School	9-12	215
Leffingwell High (Continuation School)	9-12	10
Cambria Community Day School	7-12	0

Source: Coast Unified School District-December 2017

Cambria is also home to the New Dawn Montessori School which educates 3-9 year old children.

### School Enrollment-Cambria Census Designated Place

SCHOOL ENROLLMENT CAMBRIA CDP, CALIFORNIA	Cambria CDP, California		
	Total	Percent of enrolled population	
		In public school	In private school
	Estimate	Estimate	Estimate
<b>Population 3 years and over enrolled in school</b>	935	95.5%	4.5%
<b>Nursery school, preschool</b>	48	95.8%	4.2%
<b>Kindergarten to 12th grade</b>	633	96.8%	3.2%
<b>Kindergarten</b>	10	100.0%	0.0%
<b>Elementary: grade 1 to grade 4</b>	229	91.3%	8.7%
<b>Elementary: grade 5 to grade 8</b>	217	100.0%	0.0%
<b>High school: grade 9 to grade 12</b>	177	100.0%	0.0%
<b>College, undergraduate</b>	246	91.9%	8.1%
<b>Graduate, professional school</b>	8	100.0%	0.0%
<b>Percent of age group enrolled in school -- 3 and 4 years</b>	45.3%	95.8%	4.2%



## Local Hazard Mitigation Plan for Cambria CSD

<b>5 to 9 years</b>	91.6%	91.3%	8.7%
<b>10 to 14 years</b>	100.0%	100.0%	0.0%
<b>15 to 17 years</b>	95.8%	100.0%	0.0%
<b>18 and 19 years</b>	76.3%	100.0%	0.0%
<b>20 to 24 years</b>	54.7%	100.0%	0.0%
<b>25 to 34 years</b>	10.8%	60.8%	39.2%
<b>35 years and over</b>	0.9%	100.0%	0.0%
<b>Population 18 years and over</b>	5,435		
<b>Enrolled in college or graduate school</b>	4.7%	92.1%	7.9%
<b>Males 18 years and over</b>	2,470		
<b>Enrolled in college or graduate school</b>	4.7%	100.0%	0.0%
<b>Females 18 years and over</b>	2,965		
<b>Enrolled in college or graduate school</b>	4.6%	85.4%	14.6%
<b>Population 18 to 24 years</b>	285		
<b>Enrolled in college or graduate school</b>	56.1%	100.0%	0.0%
<b>Males 18 to 24 years</b>	139		
<b>Enrolled in college or graduate school</b>	59.0%	100.0%	0.0%
<b>Females 18 to 24 years</b>	146		
<b>Enrolled in college or graduate school</b>	53.4%	100.0%	0.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates

### Coast Unified School District Demographics

<b>2016-2017 Enrollment: 649 Students</b>	
Hispanic	62.41%
American Indian	.46%
Filipino	.31%
Asian	.77%
African American	.92%
White	31.9%
Multiple ethnicities	.77%
Other/Not Specified	2.46%

Source: Coast Unified School District-December 2017





## Local Hazard Mitigation Plan for Cambria CSD

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To offset the impact of California's declining school budgets, the Cambria Education Foundation, a non-profit organization, was formed. The Foundation offers programs that enhance and enrich the education provided within the Coast Union School District.

### Universities:

The nearest colleges to the Cambria District are Cuesta Community College and California Polytechnic State University (Cal Poly), San Luis Obispo.

### G. Utilities

The following companies provide utility services for the Cambria community:

Utility	Provider
Electric	Pacific Gas and Electric
Natural Gas	Southern California Gas Company
Telephone	AT&T, SBC Pacific Bell, and Charter
Water, Sewer, Trash	Cambria Community Services District

Cambria obtains its water supply from wells that tap San Simeon and Santa Rosa creeks. The community is vulnerable to water shortages as a result of their reliance on an unstable network of creeks, lakes and State Water Project allocations. To help alleviate this shortage, the Cambria Community Services District has constructed a 9.13 million dollar treatment plant to treat brackish water and return it to the aquifer. The water is a combination of groundwater, percolated wastewater treatment plant effluent and a mix of fresh water and salt water. Operation of this plant is controversial as concerns have been raised that it could harm the fragile ecosystem, particularly San Simeon Creek lagoon, and also be a financial burden to ratepayers.

An ever-increasing number of Cambria residents have abandoned landline telephones and are utilizing cell phones for home phones. This continues to be problematic as cell phone coverage in the Cambria area is sporadic with some areas having poor or no cell coverage.

### H. Medical

The Community Health Centers of the Central Coast (CHC) is a non-profit corporation that operates a medical clinic in Cambria. The clinic, located in the East Village of Cambria, serves residents from the entire North Coast of San Luis Obispo. This is the only medical clinic located in



## Local Hazard Mitigation Plan for Cambria CSD

Cambria. The clinic serves approximately 300 patients per month from its' 2525 Main Street location.

The following three San Luis Obispo County hospitals provide medical services to Cambria residents:

- Twin Cities Hospital in Templeton (25 miles inland)
- Sierra Vista Regional Medical Center in the City of San Luis Obispo (35 miles South)
- French Hospital in the City of San Luis Obispo (37 miles South).

### I. Climate

Cambria boasts a mild, smog free climate with an average of 286 sunny days per year. An ocean breeze is common as is seasonal fog. Annually, Cambria receives approximately 29 inches of rainfall. Snowfall only occurs at the higher elevations of the Santa Lucia Range. Cambria's temperature is generally in the 50° to 70° F range with an average January low of 45° F and a July high temperature of 75°F.

CLIMATE	Cambria, California	United States
Rainfall (in.)	29.0	39.2
Snowfall (in.)	0.1	25.8
Precipitation Days	48	102
Sunny Days	286	205
Avg. July High	75.1	86.1
Avg. Jan. Low	44.8	22.6
Comfort Index (higher=better)	87	54
UV Index	5.3	4.3
Elevation ft.	139	1,443

Source: Sperling's Best Places 2017



## Local Hazard Mitigation Plan for Cambria CSD

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### J. Climate Change-Global Warming

Data gathered by NASA and NOAA indicate that the Earth's average surface temperature has increased by about 1.2° to 1.4° F in the last 100 years. Since 1998, the eight warmest years on record (since 1850) have been recorded, with the warmest being 2005. Most of the warming in recent decades is very likely the result of human activities. For over the past 200 years, the burning of fossil fuels, such as coal and oil, and deforestation have caused the concentrations of heat-trapping "greenhouse gases" to increase significantly in our atmosphere.

This warming trend may well have an impact on the naturally occurring hazards in the Cambria District. Expected effects will include changes in the range and distribution of plants and animals (pests), longer and hotter/dryer fire seasons, and changes in rainfall and intensities (flooding). Public Health impacts can also be expected. Extreme periods of heat and cold, storms, and smoke from fire will have impacts on climate-sensitive diseases and respiratory illnesses. More detailed information on specific impacts is found in the Risk Analysis section of this plan.

### K. Transportation Systems

#### Major Highways

The Community of Cambria is off U.S. Highway 1 and located 240 miles north of Los Angeles and 240 miles south of San Francisco. Travelers from the south can take Highway 101 north to San Luis Obispo (Morro Bay, Hearst Castle Exit) to Highway 1. Visitors from the north can take Highway 101 south to Highway 46 (Cambria Exit) to Highway 1.

#### Public Airports

San Luis Obispo County Regional Airport, McChesney Field, a civil airport in San Luis Obispo County is located 35 miles south of Cambria.

#### Trains

An Amtrak station is located in the City of San Luis Obispo, 35 miles south of Cambria and 28 miles east of Cambria.



## Local Hazard Mitigation Plan for Cambria CSD

### Other Public Transportation

- **Regional Transit Authority (RTA)**-The Regional Transit Authority Route 15 bus operates from Morro Bay to San Simeon 7 days a week. It also makes weekend runs to the Hearst Castle Visitor's Center. RTA also offers bus service from San Luis Obispo to Cambria.
- **Greyhound**-There are Greyhound bus service stations throughout the County with the Atascadero and Paso Robles stations located closest to Cambria.
- **Community Bus**-The Cambria Community Bus is a means of transportation provided by the Cambria Community Council. It offers free local door to door service for seniors (persons over 60) and disabled persons within the Cambria-San Simeon area. Multiple stops are not only allowed but encouraged.
- **Roadrunner Shuttle**-Roadrunner Shuttle and Limousine Service operates transfer service to and from Cambria Bus 24 hours a day, 7 days a week.

### Commuting Characteristics

CAMBRIA CALIFORNIA, CDP COMMUTING CHARACTERISTICS	Total	Male	Female
	Estimate	Estimate	Estimate
<b>Workers 16 years and over</b>	2,407	1,188	1,219
<b>MEANS OF TRANSPORTATION TO WORK</b>			
<b>Car, truck, or van</b>	82.2%	81.7%	82.6%
<b>Drove alone</b>	70.0%	73.7%	66.4%
<b>Carpooled</b>	12.2%	8.1%	16.2%
<b>In 2-person carpool</b>	9.8%	6.7%	12.7%
<b>In 3-person carpool</b>	1.7%	1.3%	2.1%
<b>In 4-or-more person carpool</b>	0.7%	0.1%	1.4%
<b>Workers per car, truck, or van</b>	1.09	1.06	1.12
<b>Public transportation (excluding taxicab)</b>	0.0%	0.0%	0.0%
<b>Walked</b>	1.5%	1.8%	1.3%
<b>Bicycle</b>	0.2%	0.0%	0.3%
<b>Taxicab, motorcycle, or other means</b>	2.0%	3.0%	1.0%
<b>Worked at home</b>	14.1%	13.5%	14.8%
<b>PLACE OF WORK</b>			
<b>Worked in state of residence</b>	99.5%	98.9%	100.0%

Category Five Professional Consultants, Inc.-Local Hazard Mitigation Plan for Cambria Community Services District- March 2017





## Local Hazard Mitigation Plan for Cambria CSD

<b>Worked in county of residence</b>	94.1%	91.3%	96.9%
<b>Worked outside county of residence</b>	5.3%	7.6%	3.1%
<b>Workers 16 years and over who did not work at home</b>	2,067	1,028	1,039
<b>TIME LEAVING HOME TO GO TO WORK</b>			
<b>12:00 a.m. to 4:59 a.m.</b>	3.3%	6.6%	0.0%
<b>5:00 a.m. to 5:29 a.m.</b>	0.3%	0.6%	0.0%
<b>5:30 a.m. to 5:59 a.m.</b>	0.4%	0.0%	0.8%
<b>6:00 a.m. to 6:29 a.m.</b>	3.9%	4.5%	3.4%
<b>6:30 a.m. to 6:59 a.m.</b>	11.2%	14.0%	8.5%
<b>7:00 a.m. to 7:29 a.m.</b>	11.5%	15.2%	7.8%
<b>7:30 a.m. to 7:59 a.m.</b>	11.8%	8.9%	14.6%
<b>8:00 a.m. to 8:29 a.m.</b>	18.0%	21.7%	14.3%
<b>8:30 a.m. to 8:59 a.m.</b>	5.7%	2.9%	8.4%
<b>9:00 a.m. to 11:59 p.m.</b>	34.0%	25.6%	42.3%
<b>TRAVEL TIME TO WORK</b>			
<b>Less than 10 minutes</b>	37.1%	34.3%	39.8%
<b>10 to 14 minutes</b>	15.0%	16.0%	14.1%
<b>15 to 19 minutes</b>	6.5%	8.8%	4.3%
<b>20 to 24 minutes</b>	9.0%	4.9%	13.1%
<b>25 to 29 minutes</b>	3.6%	1.7%	5.5%
<b>30 to 34 minutes</b>	6.9%	10.9%	3.0%
<b>35 to 44 minutes</b>	9.8%	10.3%	9.2%
<b>45 to 59 minutes</b>	5.8%	5.2%	6.4%
<b>60 or more minutes</b>	6.3%	8.1%	4.5%
<b>Mean travel time to work (minutes)</b>	22.1	24.3	20.0
<b>VEHICLES AVAILABLE</b>			
<b>Workers 16 years and over in households</b>	2,405	1,186	1,219
<b>No vehicle available</b>	1.5%	2.2%	0.9%
<b>1 vehicle available</b>	13.7%	13.2%	14.2%
<b>2 vehicles available</b>	52.9%	52.8%	53.0%
<b>3 or more vehicles available</b>	31.9%	31.8%	31.9%

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates



## Local Hazard Mitigation Plan for Cambria CSD

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### L. Governing Body

Cambria is an unincorporated community located in the County of San Luis Obispo, Supervisorial District #2. San Luis Obispo County provides the following services to the community: Animal Control, Law Enforcement /Sheriff s Department, Planning and Building Department functions, Social Services, Mental Health, and Public Health.

In the state legislature, Cambria is in the 17<sup>th</sup> Senate District and the 35<sup>th</sup> Assembly District. In the United States House of Representatives, Cambria is in California's 24th congressional district.

Formed in 1976, the CCSD provides many services to Cambria's residents including fire protection, water, wastewater, refuse, lighting, open space, parks and recreation. The CCSD is strongly committed to preserving and protecting Cambria's water and other precious resources.

The Cambria Community Services District is governed by a five-member Board of Directors, elected by Cambria residents for overlapping four-year terms. The CCSD Board elects a President who preside over meetings, and a Vice President, who serves in the President's absence. The President's position rotates annually with December nominations. CCSD elections are consolidated with San Luis Obispo County and General Elections and are normally held the first Tuesday in November. The County Clerk Recorder handles all candidate filings.

The CCSD is one of three independent special districts in Cambria. The other two are:

- **The Cambria Community Healthcare District (CCHD)** operates two advance support ambulances and possesses a professional medical building, which is leased to CHC to operate a local clinic. Formed in 1947 as the Cambria Community Hospital District, the CCHD leased medical buildings to attract Physicians to the area to serve the citizens. Their boundaries were set by local election by the citizens and ratified by SLO County and the State of California. The CCHD's northern boundary is the SLO County Line where it meets Monterey County, to the Pacific Ocean on the west side, the Rocky Butte mountain range on the East side, and Villa Creek just north of Cayucos. In 1951 the CCHD took over the all-volunteer local ambulance service from the Cambria Chamber of Commerce. In 1957-58 the CCHD purchased 2 parcels on Main Street and began building a Clinic to be used by a local physician and later added dental services. In 1971 the CCHD added an ambulance garage to their Main Street buildings. In 1994 the CCHD changed its name to the Cambria Community Healthcare District. The District is governed by a five member Board of Directors.



## Local Hazard Mitigation Plan for Cambria CSD

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- **The Cambria Cemetery District**, also known as the Cambria Community Cemetery is a non-profit tax supported agency governed by a three-member board of trustees. The cemetery land, located in the middle of the largest strand of Monterey Pines in California, was originally donated by George Leffingwell in 1870 and later deeded to the San Simeon Masonic Lodge in 1877. In 1940, the San Luis Obispo County set up boundaries and created special districts for the 11 cemeteries in the county. The 12.2 acre Cambria Community Cemetery possesses more than 550 available burial sites and performs 40-70 interments a year. Its grounds contain more than 1200 trees including Monterey Pines, coastal live oaks, Toyon trees, California Pepper tree, and various other native flowers and grasses.

### M. Land Use

Land use in CCSD is predominantly comprised of single-family residential and large open urban preservation areas. A lesser amount of space is designated for recreation and a commercial district and a small agricultural component also exists. There has been a significant decrease in growth rates this past decade resulting from resource constraints and development restrictions despite the existence of a significant number of vacant lots. While water supply shortages are the greatest concern, public facility and traffic limitations are also problematic.

In 2003, the CCSD Board of Director's passed a motion to limit Cambria's buildout to a maximum of 4,650 connections. The District's Buildout Reduction Plan includes permanently retiring lots to allow the maximum build out to match their goal of 4,650 dwelling units. This would result in a population ranging from 7,724 to 10,469.

In 1999, SLO County restricted Cambria's allocations to a 1 percent maximum for dwelling units in place of the county's rate of 2.3. In 2001, the CCSD instituted a Water Code 350 emergency and enacted a moratorium for new connections excluding in progress "pipeline projects". Resultantly, actual growth in Cambria has remained under the County's one percent limit. In an effort to increase Cambria's water supply, the CCSD is presently engaged in a desalination project.

The public purchase of the Fiscalini Ranch along with the Residential Single Family land use designation led to the elimination of 738 potential dwelling units.

(Source: SLO County General Plan Land Use Element 2014)



## Local Hazard Mitigation Plan for Cambria CSD

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### V. RISK ASSESSMENT

#### A. DMA 2000 Requirements

<b>DMA Requirement §201.6(c)(2)(i):</b>	The risk assessment shall include a description of the type of all natural hazards that can affect the jurisdiction.
<b>DMA Requirement §201.6(c)(2)(i):</b>	The risk assessment shall include a description of the location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.
<b>DMA Requirement §201.6(c)(2)(iii):</b>	For multi-jurisdictional plans, the risk assessment must assess each jurisdiction’s risks where they vary from the risks facing the entire planning area.

#### B. Hazard Identification

Jurisdiction	Earthquake	Wildland Fire	Extreme Weather	Flood	Landslides	Tsunami
Cambria CSD	✓	✓	✓	✓	✓	✓





## Local Hazard Mitigation Plan for Cambria CSD

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### C. HAZARD PROFILES

#### ➤ Hazard: Earthquakes

<b>Severity: High</b>	<b>Probability: High</b>
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#### **Hazard Definition**

An earthquake is a sudden, rapid shaking of the ground caused by the breaking and shifting of rock beneath the earth's surface or along fault lines. For hundreds of millions of years, the forces of plate tectonics have shaped the earth as the huge plates that form the Earth's surface move slowly over, under, and past each other. Sometimes the movement is gradual. At other times, the plates are locked together, unable to release the accumulating energy. When the amassed energy grows strong enough, the plates break free causing the ground to shake. Most earthquakes occur at the boundaries where the plates meet, commonly called faults. However, some earthquakes occur in the middle of plates.

#### **Fault**

A fault is a fracture in the earth's crust along which movement has occurred either suddenly during earthquakes or slowly during a process called creep. Cumulative displacement may be tens or even hundreds of miles if movement occurs over geologic time. However, individual episodes are generally small, usually less than several feet, and are commonly separated by tens, hundreds, or thousands of years. Damage associated with fault-related ground rupture is normally confined to a fairly narrow band along the trend of the fault. Structures are often not able to withstand fault rupture and utilities crossing faults are at risk of damage. Fault displacement involves forces so great that it is generally not feasible (structurally or economically) to design and build structures to accommodate this rapid displacement. Fault displacement can also occur in the form of barely perceptible movement called "fault creep." Damage by fault creep is usually expressed by the rupture or bending of buildings, fences, railroads, streets, pipelines, curbs, and other linear features.

The California Geological Survey (CGS) is charged with recording and mapping faults throughout California. The Alquist-Priolo Earthquake Fault Zoning (AP) Act was passed into law following the destructive February 9, 1971 6.6 San Fernando earthquake. The AP Act provides a mechanism for reducing losses from surface fault rupture on a statewide basis. The intent of the AP Act is to insure public safety by prohibiting the placement of most structures for human occupancy across



## Local Hazard Mitigation Plan for Cambria CSD

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traces of active faults that constitute a potential hazard to structures from surface faulting or fault creep. Fault zoning is continually updated and reviewed by CGS and it is likely that other faults in addition to those currently listed by CGS will be added to the list in the future.

The primary active faults within the County identified by the AP Act include the San Andreas, San Simeon-Hosgri, and Los Osos faults. Two recent studies performed by CGS have estimated the maximum credible ground acceleration that could be generated by active and potentially active faults. Deterministic peak horizontal ground accelerations from these studies range from a low of 0.4 g in the central portion of the County to a high of about 0.7 g along the San Andreas, Rinconada, Oceanic-West Huasna, and coastal fault zones.

The western portion of San Luis Obispo County has a high probability of experiencing ground accelerations in the range of 0.3 g to 0.4 g in the next 50 years. The eastern portion of the County adjacent to the San Andreas Fault has a high percent probability of experiencing a peak ground acceleration of 0.5 g to 0.7 g in the next 50 years. It should be noted that the statistical variance in estimated ground acceleration could easily be plus or minus 50 percent.

In 2008, the Shoreline Fault was discovered off the coast in the area of the Diablo Canyon Power Plant which is owned and operated by Pacific Gas and Electric Company (PG&E). The initial study of the fault, using conservative assumptions about the total length of the fault zone, indicates that a potential magnitude 6.5 strike-slip earthquake is possible. Follow up investigations were performed by PG&E in 2009 and 2010 and more detailed studies are planned in order to refine the size and potential of the fault.

(Source: Report on the Analysis of the Shoreline Fault Zone, Central Coastal California, Report to the U.S. Nuclear Regulatory Commission, January 2011, PG&E)

Historically active faults are generally thought to present the greatest risk for future movement and, therefore, have the greatest potential to result in earthquakes.

Active and potentially active faults in San Luis Obispo County are shown on the map found at the end of this section. A photo of the Oceanic fault as it surfaces on Santa Rosa Creek Road just outside of the District can also be found there.

### Liquefaction

Liquefaction occurs when ground shaking causes the mechanical properties of some fine grained, saturated soils to liquefy and act as a fluid (liquefaction). It is the result of a sudden loss of soil strength due to a rapid increase in soil pore water pressures caused by ground shaking. In order for liquefaction to occur, three general geotechnical characteristics should be present: 1) ground water



## Local Hazard Mitigation Plan for Cambria CSD

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should be present within the potentially liquefiable zone, 2) the potentially liquefiable zone should be granular and meet a specific range in grain-size distribution, and 3) the potentially liquefiable zone should be of low relative density. If those factors are present and strong ground motion occurs, then those soils could liquefy depending upon the intensity and duration of the strong ground motion. Liquefaction that produces surface effects generally occurs in the upper 40 to 50 feet of the soil column, although the phenomenon can occur deeper than 100 feet. The duration of ground shaking is also an important factor in causing liquefaction to occur. The larger the earthquake magnitude, and the longer the duration of strong ground shaking, the greater the potential there is for liquefaction to occur.

The areas of San Luis Obispo County most susceptible to the effects of liquefaction are those areas underlain by young, poorly consolidated, saturated granular alluvial sediments. These soil conditions are most frequently found in areas underlain by recent river and flood plain deposits.

*A map which delineates the areas of San Luis Obispo County susceptible to liquefaction is found at the end of this section.*

### History

Where earthquakes have struck before, they will strike again. The Central California coast has a history of damaging earthquakes, primarily associated with the San Andreas Fault. However, there have been a number of magnitude 5.0 to 6.5 earthquakes on other faults which have affected large portions of the Central Coast. Recent events include the December 2003 - 6.5 magnitude San Simeon Earthquake and the September 2004 - 6.0 magnitude Parkfield Earthquake.

*The following are historic earthquakes that had an effect on San Luis Obispo County:*

**1830 San Luis Obispo Earthquake** - The 1830 earthquake is noted in the annual report from the Mission, and had an estimated magnitude of 5. The location of the event is poorly constrained and cannot be attributed to a specific fault source, but the earthquake reportedly occurred somewhere near San Luis Obispo.



## Local Hazard Mitigation Plan for Cambria CSD

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**1857 Fort Tejon Earthquake** - The approximate 7.9 Fort Tejon earthquake of 1857 was one of the greatest earthquakes ever recorded in the United States. It left a surface rupture scar over 350 kilometers (210 miles) in length along the San Andreas Fault and a maximum surface offset of about 9 meters (30 feet). Yet, despite the immense scale of this quake, only two people were reported killed by the effects of the shock. The location of the epicenter is not known. As the name suggests, one idea is to locate it near the area of strongest reported shaking, Fort Tejon. However, because there is evidence that foreshocks to the 1857 earthquake may have occurred in the Parkfield area, it is located near the northwestern end of the surface rupture, just southeast of Parkfield, near Cholame, on a map produced by the Southern California Earthquake Data Center. (Source: <http://www.data.scec.org/significant/forttejon1857.html>)

The fact that only two lives were lost was primarily due to the nature of the quake's setting. California in 1857 was sparsely populated, especially in the regions of strongest shaking, and this fact, along with good fortune, kept the loss of life to a minimum. The effects of the quake were quite dramatic, even frightening. Were the Fort Tejon shock to happen today, the damage would easily run into billions of dollars, and the loss of life would likely be substantial, as the present day communities of Wrightwood, Palmdale, Frazier Park, and Taft (among others) all lie upon or near the 1857 rupture area.

**1906 San Francisco Earthquake** - This earthquake has been studied in detail and the effects in San Luis Obispo County have been documented. Modified Mercalli intensity ratings ranged from III-IV in the inland and north coast portions of the County, and IV-V in the south coast areas. The higher intensities were felt in areas underlain by alluvial soil, while the lower intensities occurred in areas underlain by bedrock formations.

**1916 Avila Beach Earthquake** - This magnitude 5.1 event occurred offshore of Avila Beach in San Luis Bay. The earthquake reportedly resulted in tumbling smokestacks of the Union Oil Refinery at Port San Luis, and a landslide that blocked the railroad tracks. The maximum intensity appears to be approximately VI, but the available descriptions of the shaking are somewhat limited.

**1952 Arvin-Tehachapi Earthquake** - This 7.7 magnitude earthquake occurred on the White Wolf fault, located south and west of Bakersfield. Throughout most of the San Luis Obispo County, ground shaking intensities of VI were felt. Intensities of IV-V were experienced in the northwest portion of the County, and magnitude VIII intensities were felt in the Cuyama area, in the southeast portion of the County. The higher intensities were likely due to closer proximity to the earthquake epicenter.





## Local Hazard Mitigation Plan for Cambria CSD

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**1952 Bryson Earthquake** - This magnitude 6.2 earthquake likely occurred on the Nacimiento fault, and resulted in intensity ratings of VI throughout most of the western portion of the County. Intensities of IV-V were experienced in the eastern portion of the County. Higher intensities were generally felt in the coastal valley areas that are underlain by alluvial soils.

**2003 San Simeon Earthquake** - The San Simeon Earthquake struck at 11:15 a.m. on December 22, 2003. The magnitude 6.5 earthquake is attributed to having occurred near the San Simeon/Oceanic/Hosgri Fault system. The epicenter was approximately six miles from the community of San Simeon. As a result of the quake Cambria experienced a residential structure fire, and several commercial and residential buildings were damaged. Some roadways were obstructed and debris blocked some streets.

**1934, 1966 and 2004 Parkfield Earthquakes** - These earthquakes were all three in the range of magnitude 6.0 and occurred on the San Andreas fault in or near the northeast corner of the County. Earthquake intensities generally conformed to anticipated characteristics for events of this size, with intense shaking (VII-VIII) being limited to a relatively small area near the epicenters of the quakes. Moderate shaking was experienced in most of the central and western parts of the County. A variation from the expected intensity characteristics was experienced in the La Panza area during the 1934 earthquake. La Panza is approximately 40 miles south of the fault rupture area, but experienced earthquake intensities of VII.

**Other Earthquakes** - Earthquakes which have occurred outside yet felt within the County during the last century include events such as the 7.0 Lompoc earthquake in 1927, and the 7.7 Arvin-Tehachapi earthquake of 1952. Other more recent earthquakes, such as the 1983 - 6.7 Coalinga earthquake, 1989 - 7.1 Loma Prieta earthquake, 1992 - 7.5 Landers earthquake and the 1994 - 6.6 Northridge earthquake were felt in San Luis Obispo County, however, there was no damage to structures.



## Local Hazard Mitigation Plan for Cambria CSD

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### Hazard Potential

The Hazard Potential for earthquakes is dependent upon a multitude of factors. A brief description of those factors is presented below:

- **Earthquake Magnitude:** Earthquake magnitude, as generally measured by either the Richter or Moment Magnitude scale, is a measurement of energy released by the movement of a fault. As the amount of energy released by an earthquake increases, the potential for ground shaking impacts also increases.
- **Distance from Epicenter:** Earthquake energy generally dissipates (or attenuates) with distance from a fault. Over long distances, this loss of energy can be significant, resulting in a significant decrease in ground shaking with increased distance from the epicenter.
- **Duration of Strong Shaking:** The duration of the strong ground shaking constitutes a major role in determining the amount of structural damage and the potential for ground failure that can result from an earthquake. Larger magnitude earthquakes have longer durations than smaller earthquakes.
- **Local Geologic Conditions:** The geologic and soil conditions at a particular site have the potential to substantially increase the effects of ground shaking. The thickness, density, and consistency of the soil, as well as shallow ground water levels, have the potential to amplify the effects of ground shaking depending on the characteristics of the earthquake. In general, the presence of unconsolidated soils above the bedrock surface can amplify the ground shaking caused by an earthquake.
- **Fundamental Periods:** Every structure has its own fundamental period or natural vibration. If the vibration of ground shaking coincides with the natural vibration period of a structure, damage to the structure can be greatly increased. The extent of damage suffered during an earthquake can also depend on non-geologic factors. The type of building and its structural integrity will influence the severity of the damage suffered. Generally, small, well-constructed, one and two-story wood and steel frame buildings have performed well in earthquakes because of their light weight and flexibility. Reinforced concrete structures also usually perform well. Buildings constructed from non-flexible materials, such as unreinforced brick and concrete, hollow concrete block, clay tile, or adobe, are more vulnerable to earthquake damage.

### Effects of Ground Shaking

The primary effect of ground shaking is the damage or destruction of buildings, infrastructure, and possible injury or loss of life. Building damage can range from minor cracking of plaster to total collapse. Disruption of infrastructure facilities can include damage to utilities, pipelines, roads, and bridges. Ruptured gas and water lines can result in fire and scour/inundation damage,



## Local Hazard Mitigation Plan for Cambria CSD

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respectively, to structures. Secondary effects can include geologic impacts such as co-seismic fault movement along nearby faults, seismically induced slope instability, liquefaction, lateral spreading, and other forms of ground failure and seismic response

### Impacts on People and Housing

In any earthquake, the primary consideration is saving lives. Time and effort must also be dedicated to providing for mental health by reuniting families, providing shelter to displaced persons, and restoring basic needs and services. Major efforts will be required to remove debris and clear roadways, demolish unsafe structures, assist in reestablishing public services and utilities, and provide continuing care and temporary housing for affected citizens.

### Unreinforced Masonry Buildings

Unreinforced masonry building type structures consist of buildings made of unreinforced concrete and brick, hollow concrete blocks, clay tiles, and adobe. Buildings constructed of these materials are heavy and brittle, and typically provide little earthquake resistance. In small earthquakes, unreinforced buildings can crack, and in strong earthquakes, they have a tendency to collapse. These types of structures pose the greatest structural risk to life and safety of all general building types. Non-structural items and building components can also influence the amount of damage that buildings suffer during an earthquake. Unreinforced parapets, chimneys, facades, signs, and building appendages can all be shaken loose, creating a serious risk to life and property.

A small number of these structures can be found in the CCSD, most located in the commercial district. Located in a residential neighborhood is State Historical Landmark #989, Nitt Witt Ridge. This unreinforced masonry structure was adopted by the State of California in 1986 and is located at 881 Hillcrest Drive. The buildings were constructed by a local artist beginning in 1928, and utilize collected junk and materials to build and support this URM building. This Historic Landmark is a tourist destination available for private tours. Compliant with the State of California's Alquist-Priolo Special Studies Zone Act, the inventorying and public notification of these structures, based on the probability of a damaging quake occurring, is required.

### Plans and Programs in Place

The San Luis Obispo County Office of Emergency Services (OES) and the Cambria Fire Department in coordination with local, state, and federal emergency response organizations, continually work to better prepare the Districts residents for the impacts of a significant earthquake event.



## Local Hazard Mitigation Plan for Cambria CSD

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The San Luis Obispo County Planning and Building Department ensures that all new construction complies with current codes and ordinances regarding earthquake safety.

First responder agencies, assisted by the Cambria Community Emergency Response Team (CERT), regularly train on building collapse awareness, light rescue techniques, mass casualty triage and treatment, and have a limited amount of equipment and resources available to facilitate heavy rescue operations.

### Risk Assessment

Historically active faults are generally thought to present the greatest risk for future movement and, therefore, have the greatest potential to result in fault rupture hazards.

Located within San Luis Obispo County are several known active and potentially active earthquake faults, including the San Andreas, San Simeon and Los Osos faults. These faults could well result in earthquakes which could significantly impact the Community of Cambria.

In the event of an earthquake, the location of the epicenter as well as the time of day and season of the year would have a profound effect on the number of deaths and casualties, as well as property damage. The hazard of earthquakes varies from place to place, dependent upon the regional and local geology. Ground shaking may occur in areas 65 miles or more from the epicenter (the point on the ground surface above the focus).

A moderate earthquake occurring in or near the community could result in deaths, casualties, property damage, agricultural and environmental damage, and disruption of normal government and community services and activities. The effects could be aggravated by collateral emergencies such as fires, flooding, hazardous material spills, utility disruptions, landslides, and transportation emergencies.

### Relationship to Other Hazards – Cascading Effects

Earthquakes can cause many cascading effects such as fires, flooding, hazardous materials spills, utility disruptions, landslides, and transportation emergencies. Some of these impacts are outlined below:

- **Effects on people and housing.** In any earthquake, the primary consideration is saving lives. Time and effort must also be dedicated to addressing mental health concerns by reuniting families, providing shelter to displaced persons, and restoring basic needs and





## Local Hazard Mitigation Plan for Cambria CSD

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services. Major efforts will be required to remove debris and clear roadways, demolish unsafe structures, assist in reestablishing public services and utilities, and provide continuing care and temporary housing for affected citizens.

A survey of local, State, and Federal government emergency plans indicate that although there is a general capacity to respond to small and intermediate-sized earthquakes, it is unlikely that any of these governmental units will be able to cope with the immediate impact of a great quake, such as a magnitude 8.3 event on the south-central San Andreas fault. The general public must realize that the assistance that they have been used to expecting simply will not be immediately available. In fact, in the event of an earthquake of such magnitude, citizens must be prepared to wait for up to 72 hours or more for any type of organized response.

- **Effects on commercial and industrial structures.** After any significant earthquake, individuals are likely to lose wages due to the inability of businesses to function because of damaged goods and/or facilities. With business losses, tax revenues will be reduced having impacts on the County and District services provided. Economic recovery from even a minor earthquake will be critical to the communities involved.

- **Effects on infrastructure.** The damage caused can lead to the paralysis of the local infrastructure. Electrical distribution systems, and water and sewer systems, are all very susceptible to damage. The impacts on law enforcement, fire, medical and governmental services can be significant.

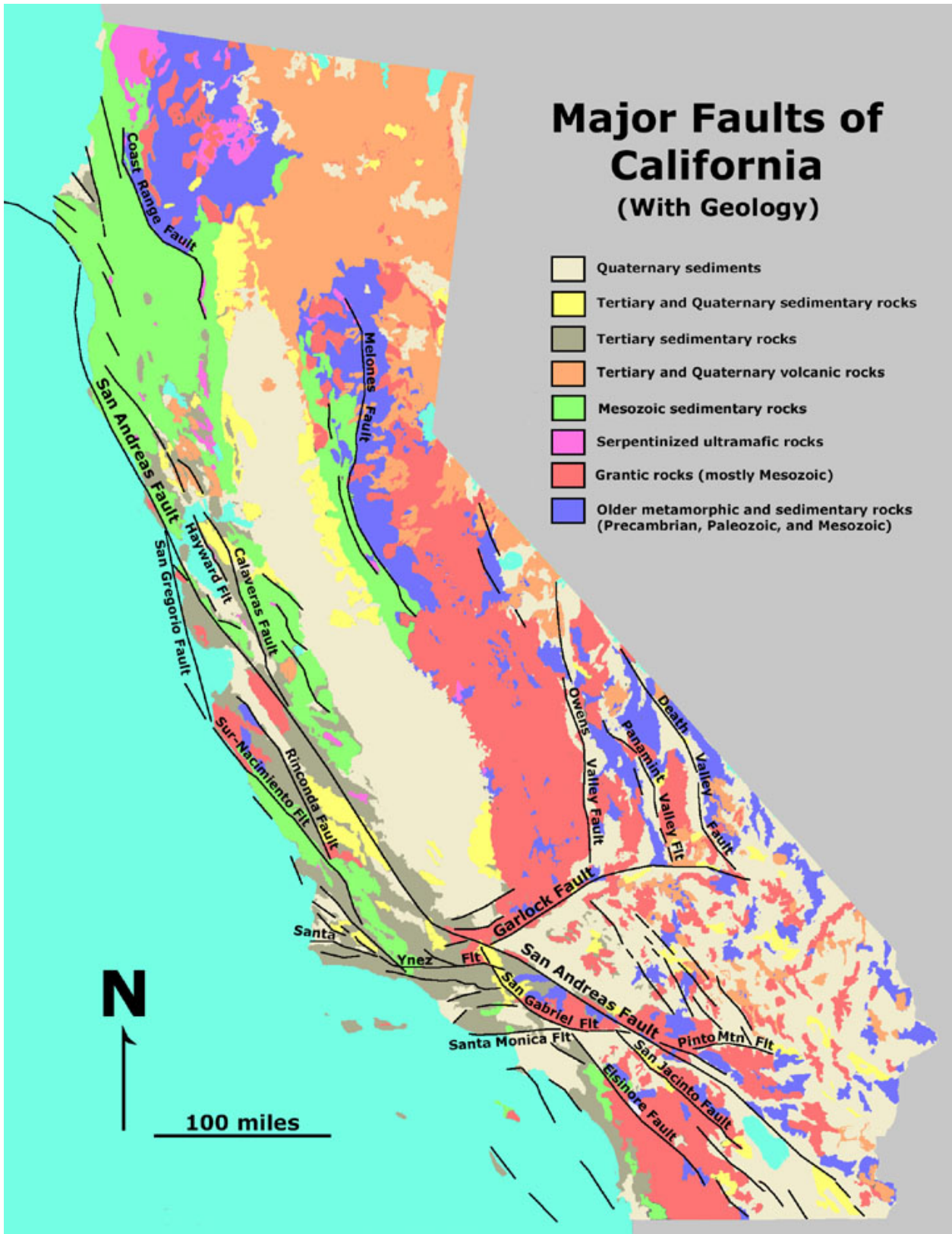
### Risk Assessment Conclusion

Both direct and indirect consequences of a major earthquake will severely stress the resources of the District and the County and will require a high level of self-help, coordination and cooperation. Outside assistance from other local, regional, state, federal and private agencies may be delayed by more than 72 hours, depending upon the regional severity of the earthquake. Based on the past history of damaging earthquakes and the fact that District is located within a seismically active region, the probability is rated HIGH. Given the properties at risk and the cascading effects, the severity is rated as HIGH.

*The maps on the subsequent pages show major faults within the State, County and District.*



# Local Hazard Mitigation Plan for Cambria CSD

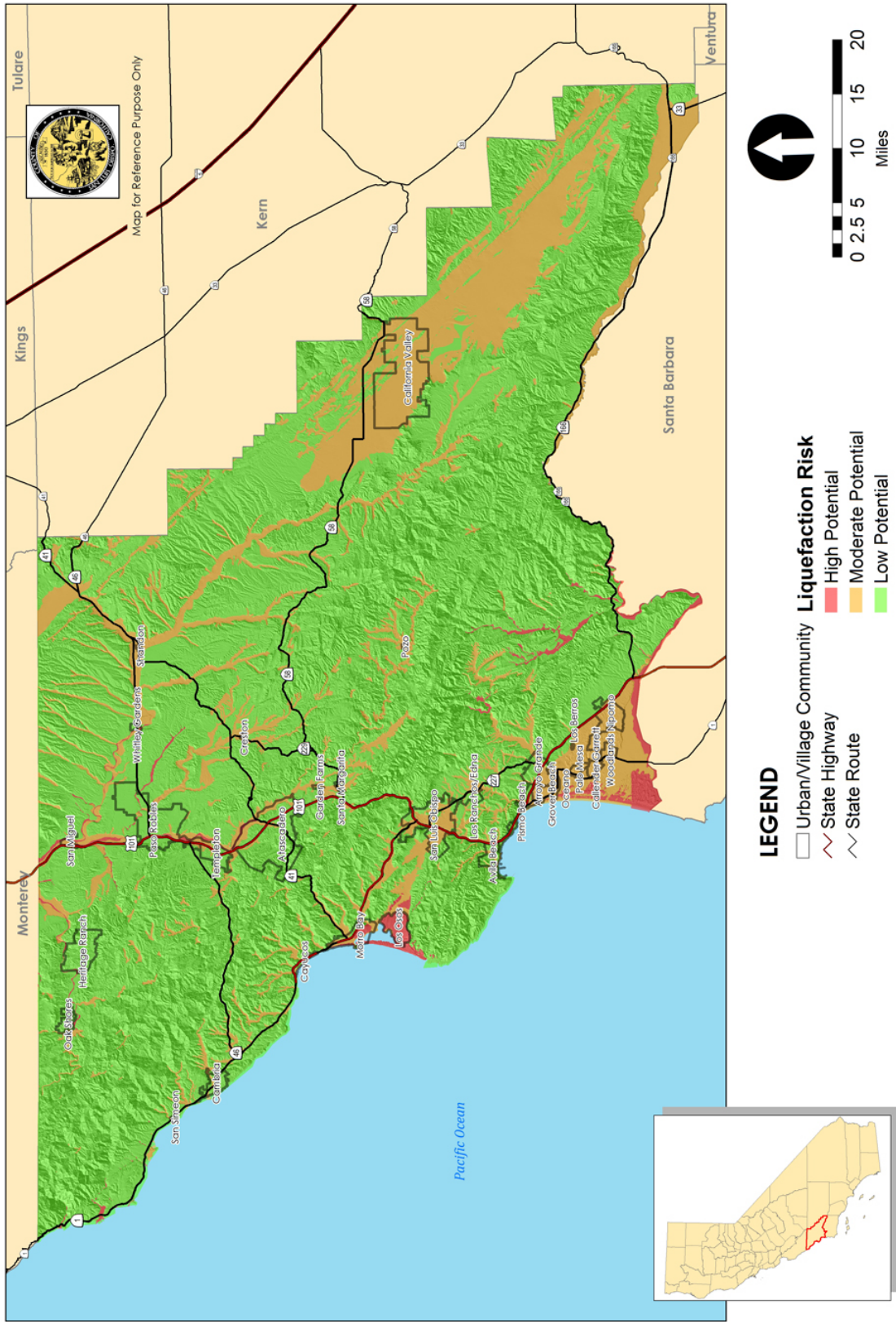








# Local Hazard Mitigation Plan for Cambria CSD







## Local Hazard Mitigation Plan for Cambria CSD

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**Oceanic Fault - located just outside the District on Santa Rosa Creek Road**



## Local Hazard Mitigation Plan for Cambria CSD

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### ➤Hazard: Flooding

Severity: Medium	Probability: High
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#### Hazard Definition

A flood is defined as an overflowing of water onto an area of land that is normally dry. Floods generally occur from natural weather related causes, such as sudden snows melt, often in conjunction with a wet or rainy spring or with sudden and very heavy rainfall. Floods can also result from human causes such as a dam impoundment bursting.

Rainfall and inclement weather are primarily seasonal phenomena in the study area which boasts a mild Mediterranean climate. Generally the rainy season is from November through March. The yearly rainfall average for Cambria is just less than 29 inches, however much higher amounts can be expected in the coastal mountains to the east, for example Rocky Butte will receive an average of 39 inches a year. Flooding generally occurs in response High waves, winds and storm surge from the Pacific Ocean can impede the outflow of Santa Rosa Creek at its' mouth and cause the creek to overflow its' banks.to heavy rainfall events when streams, rivers, and drainage channels overflow their banks. Even during moderately sized storms, flooding can also occur in low-lying areas that have poor drainage.

Many factors can increase the severity of floods including: fires in watershed areas, the placement of structures or fill material in flood-prone areas and tidal or storm influence in low lying coastal areas. Sea level rise due to global warming is likely to have minimal flood impact on most of the community of Cambria due protective bluffs and other topographic features that limit its effect. Additionally, the construction of impervious surfaces such as roadways and rooftops will result in increased runoff.

For floodplain management purposes, the Federal Emergency Management Agency (FEMA) will often use the term "100-year flood" to describe the size or magnitude.

These terms are misleading. It is not a flood that occurs once every 100. Rather, it is the flood elevation that has a 1 percent chance of being equaled or exceeded each year. Thus, a 100-year flood could occur more than once in a relatively short period of time.

The 100-year flood, which is the standard used by most federal and state agencies, is used by the National Flood Insurance Program (NFIP) as the standard for floodplain management and to determine the need for flood insurance.



## Local Hazard Mitigation Plan for Cambria CSD

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*Areas within the 100 and 500 year flood plain of the study area are found in the San Luis Obispo County Flood Hazard Map found in at the end of this section.*

### Cambria, California Average Rainfall

Average Annual Precipitation	28.86 inches
Record Single Day Rainfall	8.82 inches
Winter	17.19 inches
Spring	7.09 inches
Summer	0.16 inches
Fall	4.42 inches

Source: Weather DB 2017

### Monthly Rainfall Records-Cambria, California

Month	Record Rainfall	Year
<b>January</b>	18.35in	1969
<b>February</b>	16.20in	2000
<b>March</b>	18.29in	1995
<b>April</b>	6.05in	2006
<b>May</b>	2.58in	1957
<b>June</b>	3.02in	2011
<b>July</b>	0.40in	1980
<b>August</b>	1.90in	1976
<b>September</b>	3.51in	1976
<b>October</b>	5.76in	2004
<b>November</b>	9.01in	1965
<b>December</b>	14.61in	2010

Source: Weather DB 2017



## Local Hazard Mitigation Plan for Cambria CSD

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### History

Over the years the study area has experienced severe flooding events that have resulted in extensive property damage. Historical floods in the District and surrounding areas include:

**January and February, 1969** In January of 1969, a series of storms delivered rainfall that totaled over 18 inches in Cambria. In February, another series of storms delivered another 5 to 10 inches. The West Village area was completely inundated and the community water supply was damaged. Streets, highways, and utilities throughout the jurisdiction were heavily damaged.

**January, 1973** Much like the floods of 1969, the 1973 storm produced a ten-hour period of unusually heavy rainfall. Many creeks and streams throughout the County overtopped their banks and inundated a number of areas.

**February 22, 1993** Cambria received 2.5 inches of rain in a 2 hour period. Flash flooding occurred causing \$500,000 damage to 4 businesses and several residences.

**January and March, 1995** A series of powerful and slow-moving storms brought heavy rain and strong winds to all of Central California. Serious flooding occurred in all coastal and many inland streams. In March, 18 inches of rain fell in Cambria and the commercial district was completely inundated, with water as deep as six feet on Main Street. The Windsor Blvd. bridge was damaged and rendered impassible to residents of Park Hill and Seacliff Estates until repairs were made. The Cambria Wastewater Treatment Plant was also damaged as a result of this flooding event. Emergency services were unable to access these areas for a long period of time.

**December 2005 and early January 2006** A series of storms battered the County. Most of the damage occurred New Year's Eve and day. High winds and saturated soils resulted in significant tree falls particularly in the Cambria area where heavy damage was reported to a number of homes and businesses. There was one fatality which was the result of a tree falling on a pick-up truck while it was traveling on U.S. 101.

**March, 2001** Central and Southern California were significantly impacted by a powerful storm that delivered up to 6 inches of rain in some of the coastal areas of San Luis Obispo County. The mountain area of the county received even more, with reports of up to 13 inches. The heavy rain produced numerous flooding incidents.





## Local Hazard Mitigation Plan for Cambria CSD

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**December, 2004** A quick moving and powerful storm brought flash flooding and heavy rain to the Central Coast of California. Rainfall amounts ranged from 1 to 3 inches on the coastal plains to 3 to 6 inches in the more mountainous regions of the county. Flooding problems were reported throughout the county.

### Plans and Programs

The San Luis Obispo County Office of Emergency Services (OES) and the Cambria Fire Department in coordination with local, state, and federal emergency response organizations, continually work to better prepare the District's residents for the impact of flooding events.

First responder agencies, both law enforcement and fire, regularly train on water rescue and dealing with the cascading effects that can result from flooding. The local chapter of the American Red Cross is prepared to assist citizens in shelter welfare issues. The Fire Department sponsors and strongly supports a Community Emergency Response Team (CERT). The team is very active having some 150 members meeting and training on a routine basis.

The San Luis Obispo County Planning and Building Department stipulate and enforces codes and ordinances that ensure that buildings are not situated in flood zones.

It should be noted that the Community of Cambria along with all of San Luis Obispo County's unincorporated areas are included in the National Flood Insurance Program (NFIP). The County of San Luis Obispo is committed to remaining a NFIP participating agency.

The National Weather Service uses a number of methods to get weather statements out to the general population. Examples include the Emergency Alert System, NOAA Weather Radio All Hazards (NWR), and newer smart phone Wireless Emergency Alerts (WEA). For certain significant extreme weather events, the County could potentially use the reverse 9-1-1 system. Early Warning System sirens are located throughout the Diablo Canyon Emergency Planning Zone Area, which does not include the Cambria area, but could have some benefit to Cambria residents who work and shop in areas to the south of the District.

Due to the unique and consistent weather patterns in the area, the National Weather Service (NWS) has broken the County into three weather forecast zones: San Luis Obispo County Central Coast, San Luis Obispo County Interior Valleys, and San Luis Obispo County Mountains. The NWS uses a multi-tier system of weather statements to notify the public of threatening weather conditions specific to these areas. These statements are used in conjunction with specific weather phenomena to convey different levels of risk. In order of increasing risk, these statements are:



## Local Hazard Mitigation Plan for Cambria CSD

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### Weather Related Terminology

- **Outlook** - A Hazardous Weather Outlook is issued daily to indicate that a hazardous weather or hydrologic event may occur in the next several days. The outlook will include information about potential severe thunderstorms, heavy rain or flooding, winter weather, extremes of heat or cold, etc., that may develop over the next 7 days with an emphasis on the first 24 hours of the forecast. It is intended to provide information to those who need considerable lead time to prepare for the event.
- **Advisory** - An advisory is issued when a hazardous weather or hydrologic event is occurring, imminent, or likely. Advisories are for "less serious" conditions than warnings that may cause significant inconvenience, and if caution is not exercised could lead to situations that may threaten life or property. NWS may activate weather spotters in areas affected by advisories to help them better track and analyze the event.
- **Watch** - A watch is used when the risk of a hazardous weather or hydrologic event has increased significantly, but its occurrence, location, or timing is still uncertain. It is intended to provide enough lead time so those who need to set their plans in motion can do so. A watch means that hazardous weather is possible. People should have a plan of action in case a storm threatens and they should listen for updates and possible warnings especially when planning travel or outdoor activities. The National Weather Service may activate weather spotters in areas affected by watches to help them better track and analyze the event.
- **Warning** - A warning is issued when a hazardous weather or hydrologic event is occurring, imminent, or likely. A warning means weather conditions pose a threat to life or property. People in the path of the storm need to take protective action. NWS may activate weather spotters in areas affected by warnings to help them better track and analyze the event.
- **Statement** - A statement is either issued as a follow-up message to a warning, watch, or emergency, that may update, extend, or cancel the message it is following up or a notification of significant weather for which no type of advisory, watch, or warning exists.



## Local Hazard Mitigation Plan for Cambria CSD

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### Risk Assessment

Areas with a past history of flooding have a high probability of future flooding. The vast majority of the community is well drained being situated on sloping terrain. Drainage problems in sloped areas are a result of improper grading and are minor in nature.

A considerable portion of the community and much of the mountainous areas to the east of the District are drained by Santa Rosa Creek. As Santa Rosa Creek makes it way to the ocean, it is joined by a number of tributaries before passing through the District just before it's terminus into the Pacific. This creek has a history of flooding and has caused severe erosion of the creek banks as well as damage to phone and gas lines, water wells, and bridges both in and outside of the District. A considerable portion of the community and much of the mountainous areas to the east of the District are drained by Santa Rosa Creek. As Santa Rosa Creek makes it way to the ocean, it is joined by a number of tributaries before passing through the District just before it's terminus into the Pacific. This creek has a history of flooding and has caused severe erosion of the creek banks as well as damage to phone and gas lines, water wells, and bridges both in and outside of the District. The Windsor Blvd. bridge, just West of Highway-1 often becomes obstructed with debris and inhibits the creek's flow during high creek flow rates. The 122' long x 36' concrete bridge, constructed in 1963, has been damaged and obstructed by floodwaters in several prior flood events. Obstruction of this bridge causes isolation of the Park Hill and Sea Clift Estates residential neighborhoods including the CCSD Wastewater Treatment Plant. Major bank erosion in the past has caused interruption of the town's water supply. Major bank erosion in the past has caused interruption of the town's water supply.

The 100 year floodplain for Santa Rosa Creek is generally confined to the creek channel and surrounding areas south of Main Street. However, the West Village business area along Main Street has been subjected to severe flooding as a result of flood levels that overtopped its banks. A creek bypass and West Village storm drain channel and pump system were constructed in 2009. This has significantly reduced, but not eliminated, this potential flood scenario. This was evident in January of 2017 when a series of relatively moderate storms flooded the Pinedorado and American Legion Hall facilities located at 1000 Main Street. Additionally, flooding occurred at the gas station in the 600 block of Main in the West Village. This flooding was to a lesser extent than that which occurred in 2009 as a result of the implementation of the storm drain channel and pump construction.



## Local Hazard Mitigation Plan for Cambria CSD

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### Related Hazards – Cascading Effects

While there are some benefits associated with flooding, such as the replenishment of beach sand, and nutrients to agricultural lands, it is generally considered a hazard to development in flood plain areas. Floods can cause many cascading effects. Fire can break out as a result of dysfunctional electrical equipment. Hazardous materials can also get into floodways, causing health concerns and polluted water supplies. In many instances during a flood, the drinking water supply will be contaminated.

Because of the largely unconsolidated nature of the sedimentary soils found in the District, washout of the materials on which bridges and roads are constructed may be a major problem. Stream and creek channel banks currently abut several roads. In addition, slumping of hillsides may result in sections of roads being blocked or carried away. (*See the Landslide section for details.*)

High winds often accompany winter storms and may cause significant damage to the community by blowing down trees that have been killed or damaged by the drought and pitch canker infestation. A more detailed explanation of the tree mortality problem can be found in the Wildland Fire section of this Plan.

Other problems and hazards associated with flooding and inclement weather include: utility disruptions, broken power lines lying on the ground, and communication system failures.

### Risk Assessment Conclusion

While it is impossible to predict future long range weather patterns, it is certain that the location of the Community adjacent to the Pacific Ocean and surrounded by the mountains to the East will continue to have a significant exposure to major winter storms and flooding. Therefore, the probability is **HIGH** and the severity, based on the fact that only limited areas of the Community are exposed, is **MEDIUM**.





## Local Hazard Mitigation Plan for Cambria CSD

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**Flood Pump on Main Street - West Village**





## Local Hazard Mitigation Plan for Cambria CSD

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### ➤ Hazard: Landslides

<b>Severity: Low</b>	<b>Probability: Low</b>
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#### Hazard Definition

**Landslides** are a geologic hazard where the force of gravity combines with other factors to cause earth material to move or slide down an incline. Some landslides move slowly and cause damage gradually, whereas others move so rapidly that they can destroy property and take lives suddenly and unexpectedly. Slopes with the greatest potential for sliding are between 34 degrees and 37 degrees. Although steep slopes are commonly present where landslides occur, it is not necessary for the slopes to be long.

Landslides, rockslides, and debris flows occur continuously on all slopes; some processes act very slowly, while others occur very suddenly, often with disastrous results. As human populations expand over more of the land surface, these processes become an increasing concern.

There are predictable relationships between local geology and landslides, rockslides, and debris flows. The down-slope movement of earth material, either as a landslide, debris flow, mudslide, or rockslide, is part of the continuous, natural process of erosion. This process, however, can be influenced by a variety of causes that change the stability of the slope. Slope instability may result from natural processes, such as the erosion of the toe of a slope by a stream, or by ground shaking caused by an earthquake.

Slopes can also be modified artificially by grading, or by the addition of water or structures to a slope. Development that occurs on a slope can substantially increase the frequency and extent of potential slope stability hazards. Knowledge of these relationships can improve planning and reduce vulnerability. Slope stability is dependent on many factors and their interrelationships, including rock type, moisture content, slope steepness, and natural or man-made undercutting.

*A map of landslide prone areas is found at the end of this section.*

#### History

Natural occurring landslides do not typically occur within the community and there is no significant landslide history. This observation is supported by an aerial map review which reveals no indication of slope scarring.

Slopes disturbed by grading or development have failed, especially during periods of heavy rainfall. These events are commonly referred to as “mudslides” and can result in a considerable





## Local Hazard Mitigation Plan for Cambria CSD

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inconvenience. These manmade landslides can result in damage to structures, water and sewer lines, transportation routes, and electrical and telecommunications utilities. The areas of Main Street west of Burton Drive to Cornwall Street, Hillcrest Drive from Sunbury Avenue to Iva Court, Sheffield Street, Burton Drive from Rodeo Grounds Road to Eton Road and Ardath Drive west of Burton Drive all have experienced numerous mudslides over the past 20+ years. A recent example of this type of activity occurred in the winter of 2017 when a disturbed slope behind the Healthcare District's ambulance station on Main Street failed. *See photos at the end of this section.*

### Plans and Programs

The Uniform Building Code, which has been adopted by San Luis Obispo County for use in Cambria, requires that site specific investigations be performed for development located in hillside areas. Investigations and practices typically required for hillside development include the following:

- Conduct thorough geologic/geotechnical studies by qualified geotechnical engineers and engineering geologists.
- Require both engineering geologists and geotechnical engineers during construction to confirm preliminary findings reported during initial studies.
- Require certification of the proposed building site stability in relation to the adverse effects of rain and earthquakes prior to the issuance of building permits.
- Mandate coordination between the civil engineer and the project engineering geologist and geotechnical engineer during construction grading.
- Require mitigation of on-site hazards caused by grading that may affect adjoining properties, including erosion and slope instability.

### Risk Assessment

Within the Community, there is a limited amount of area where the topography can be considered steep to very steep. In the vast majority of this area, the underlying rock formation is very stable and the soil found on these slopes is shallow and held in place by deeply rooted trees and vegetation. These slopes do not typically fail unless disturbed by grading or development.

### Risk Assessment Conclusion:

Given the past history and the naturally occur conditions, both the probability and severity have been rated as **LOW**.





## Local Hazard Mitigation Plan for Cambria CSD

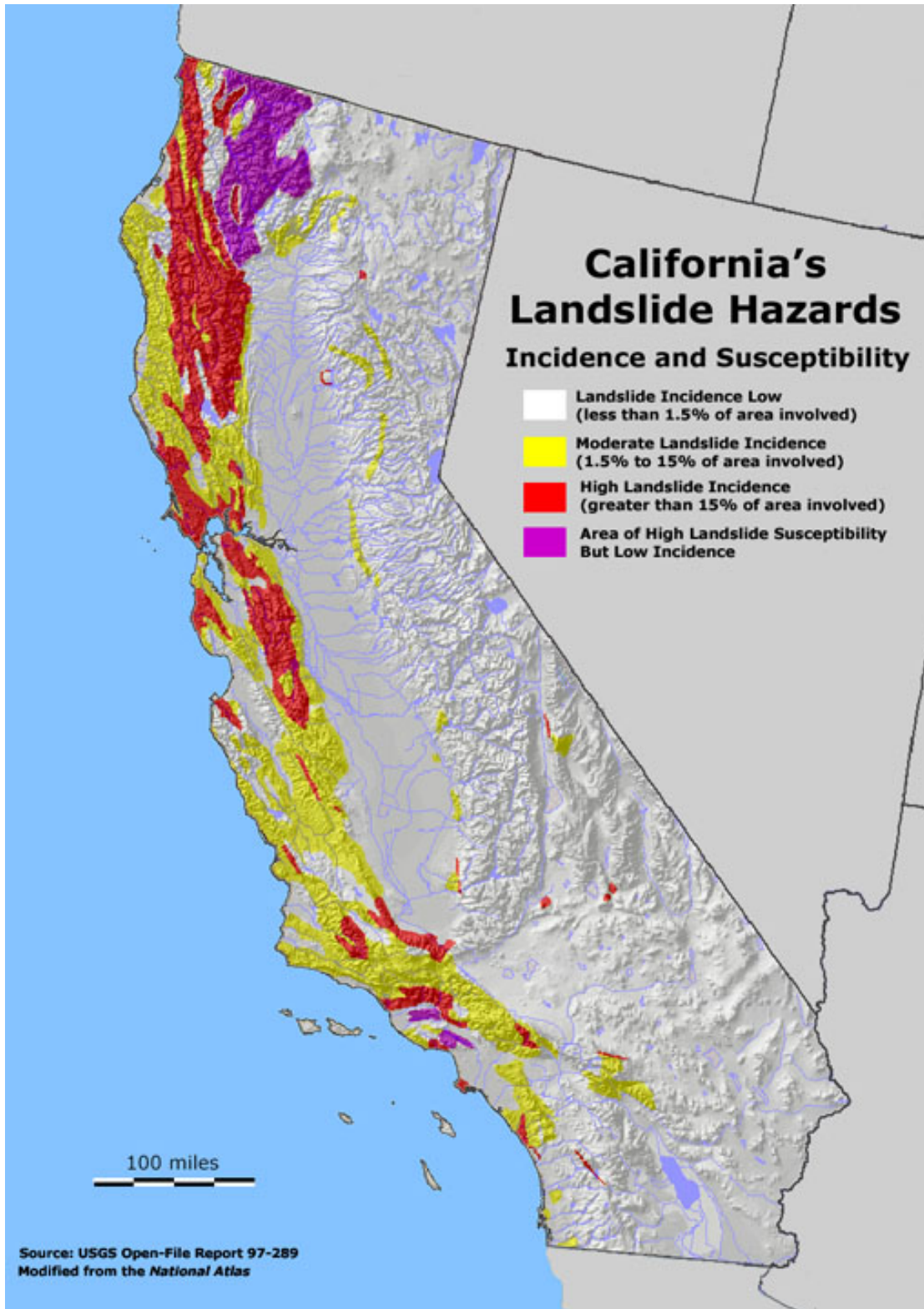
**Minor Mudslide Behind the Ambulance Station on Main Street (January 2017)**



**Minor Mudslide on Main Street near Burton Drive (January 2017)**



## Local Hazard Mitigation Plan for Cambria CSD

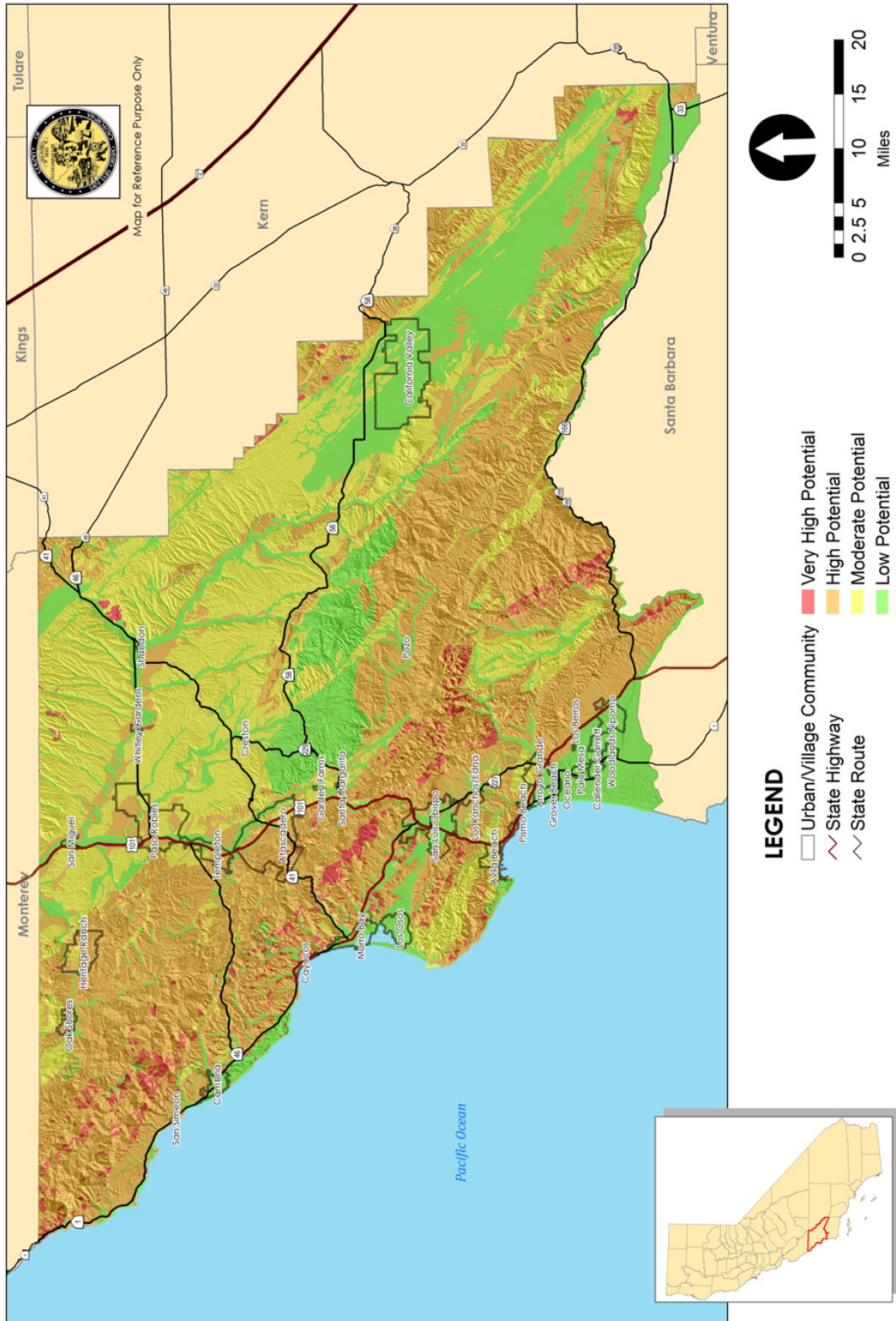


**Map of California's Landslide Hazard History**





# Local Hazard Mitigation Plan for Cambria CSD



Map of San Luis Obispo County Landslide Hazard History



## Local Hazard Mitigation Plan for Cambria CSD

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### ➤ Hazard: Extreme Weather

<b>Severity: Medium</b>	<b>Probability: High</b>
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#### Hazard Definition

Extreme weather is defined as unusual, severe, or unseasonal weather. It can be considered weather at the extremes of the historical distribution or the range that has been experienced in the past. Adverse or extreme weather occurs only 5% or less of the time and may take the form of onetime events such as storms, or may occur over longer periods of time, such as heat waves, cold snaps, or drought.

A storm is defined as any disturbed state of the earth's atmosphere affecting its surface. It may be marked by strong wind, hail, thunder and/or lightning, also known as a thunderstorm, heavy precipitation in the form of snow or rain, heavy freezing rain, strong winds (windstorm), or wind transporting some substance through the atmosphere as in a dust storm, blizzard, sand storm, etc. Storms generally lead to negative impacts to lives and property such as storm surge, coastal erosion, heavy rain or snow (causing flooding or road impassibility), lightning, wildfires, and vertical wind shear.

A more thorough discussion of these types of events follows:

#### Drought

A drought, or an extreme dry period, is an extended timeframe where water availability falls below the statistical requirements for a region. Droughts are not a purely physical phenomenon, but rather interplay between the natural water availability and human demands for water supply. The precise definition of drought is made complex owing to political considerations, but there are generally three types of conditions that are referred to as drought:

- **Meteorological drought** is brought about when there is a prolonged period with less than average precipitation.
- **Agricultural drought** occurs when there is insufficient moisture for average crop or range production. This condition can arise, even in times of average precipitation, owing to soil conditions or agricultural techniques.





## Local Hazard Mitigation Plan for Cambria CSD

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- **Hydrologic drought** is brought about when the water reserves available in sources such as aquifers, lakes, and reservoirs fall below the statistical average. This condition can arise, even in times of average (or above average) precipitation, when increased usage of water diminishes the reserves.

When the word "drought" is used by the general public, the most often intended definition is meteorological drought. However, when the word is used by urban planners, it is more frequently in the sense of hydrologic drought.

### Wind Storms

Resulting from air movement from areas of high pressure to those of low air pressure, wind storms can occur at any time of the year and can vary in strength and duration.

### Heavy Snow Fall

Heavy snow fall will, on very rare occasions, occur in the higher elevations of the Santa Lucia range directly to the north and east of the community. In the lower elevations, heavy snow fall does not occur.

### Thunderstorm

A thunderstorm, also known as an electrical storm, a lightning storm, thundershower or simply a storm is a form of weather characterized by the presence of lightning and its acoustic effect on the earth's atmosphere known as thunder. Thunderstorms are usually accompanied by strong winds, heavy rain and sometimes snow, sleet, hail, or no precipitation at all. Those which cause hail to fall are known as hailstorms.

### Hail Storms

Hail is precipitation in the form of balls or irregular lumps, always produced by convective clouds, nearly always cumulonimbus. They can vary from pea size all the way up to that of a grapefruit in rare circumstances. Hailstones generally form in thunderstorms between currents of rising air called the updrafts and the current of air descending toward the ground, called the downdraft. Large hailstones indicate strong updrafts in the thunderstorm. The larger the hail, the stronger the updraft needed to hold it aloft in the storm.

### Freeze

A freeze refers to a particularly cold spell of weather where the temperature drops below 32 degrees. Freezing conditions, especially in the spring, can cause damage to crops and ornamentals and cause considerable discomfort to area residents.



## Local Hazard Mitigation Plan for Cambria CSD

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### Extreme Heat

Often referred to as a “heat wave” or “heat storm”, it is typically defined as a series of days, 3 or more, where weather conditions combine resulting in day time temperatures considerably higher than the norm. When combined with high humidity, living conditions can become quite uncomfortable.

### History

The community and surrounding areas have a history of adverse or extreme weather. These events can have significant impacts on the health and safety of the population and cause major property and infrastructure damage. The duration of these events, with the exception of drought, is most typically short term. Listed below are the primary dangers associated with these occurrences:

- Threat to life and danger to public health
- Damage/loss of personal property or crops/livestock
- Utility failures
- Interruption of the transportation network
- Interruption of communication systems

*A sample of the variety of extreme weather events that have occurred in the community and adjoining areas are found in the table below:*



## Local Hazard Mitigation Plan for Cambria CSD

### Extreme Weather Event History

LOCATION	Date of Event	Damage Reported	Incident Description
City of San Luis Obispo	5/5/1988	4 homes damaged	Tornado-A small tornado developed over the City of SLO. The tornado knocked out power to several hundred homes. 4 homes were damaged, including one struck by a falling cypress tree.
Countywide	12/21/1998 - 12/24/1998	\$5.4 million crop damage	Freeze. An unseasonable cold air mass produced a three-night period of sub-freezing temperatures across Central and Southern California. Agricultural interests suffered heavy crop losses.
San Luis Obispo County	12/17/2000 - 12/18/2000		High Wind. Gusty offshore winds buffeted the Coastal section of SLO County. In the City of SLO, the winds blew out the windows in an unoccupied mobile home and destroyed part of a car port. In Nipomo, winds of 35 mph with gusts up to 55 mph were reported. The strong winds produced widespread power outages.
San Luis Obispo County	3/04/2001 - 3/06/2001		High Wind. A powerful and slow-moving storm brought heavy rain, strong winds and snow to Central and Southern California. Across SLO County, rainfall totals ranged from 2 to 6 inches over coastal/valley areas and ranged from 6-13 inches in the mountains producing extensive flooding. In Oceano, the Arroyo Grande Creek overflowed destroying numerous crops and damaging 1 home. In Arroyo Grande, flooding along Corbett Creek damaged 4 homes and 5 Arroyo Grande High School classrooms.
Oceano	2/02/2004		Tornado. A waterspout, developed offshore of Oceano Dunes and came onshore as a weak tornado. It struck but did not injure a park ranger in his truck. The truck sustained no reportable damage.
Cambria	01/02/2006		Cambria experienced a significant wind and rain event caused damage to over 60 homes and businesses. Several people were injured, First Responders were unable to access many areas of Cambria due to downed power lines, utilities, trees and debris. Several large areas of Cambria were without power for 9 days. Cambria CERT was utilized to perform Damage Assessment and distribute ice and other assistance to residents without power.



**Local Hazard Mitigation Plan for Cambria CSD**

<p>San Luis Obispo County</p>	<p>1997 to Present: &gt;20 Events Occurred</p>		<p>Heavy Surf. 1998 event: An extended heavy surf Event produced by a series of Pacific storms, battered coastal areas of Central and Southern California. Along the coast of San Luis Obispo, waves as high as 25 feet were reported. Elsewhere, coastal areas reported 12 to 15foot waves producing some degree of damage. In Port San Luis, widespread shoreline erosion was reported.</p>
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**Hazard Potential**

**Drought**

Periods of drought can have significant environmental, agricultural, health, economic and social consequences. Drought can also reduce water quality, because lower water flows reduce dilution of pollutants and increase contamination of remaining water sources. Wildfires are typically larger and more severe in periods of drought due to the lower fuel moisture content.

**Wind Storms and Thunderstorms**

These wind related events can be quite destructive, especially in Cambria where nearly all of the residential areas and much of the commercial occupancies are situated in an urban forest area. Falling trees and branches can result in considerable property destruction, communication/power line damage, and block transportation corridors. This situation has recently been exacerbated by the disease/drought infested trees. Occasionally, summer thunderstorms (lightning) will cause wildfire in the coastal mountain regions of the County.

**Coastal or Winter Storms**

These storms may have hurricane-force winds and cause damage similar to that of a hurricane. However, they are not classified as such because they don't originate in the tropics. Coastal storms usually do most of their damage on the coast, in the form of beach erosion and flooding due to heavy rainfall. The winds originate from low-pressure systems offshore and circulate counterclockwise around the low pressure system. When the low pressure system stops moving, its winds combine with those of the high pressure system to blow in one direction over a long period of time, which may create massive waves. The duration of such a storm coupled with the height of the tide can be the most significant measure of its destructiveness..

As these storms move to the east, across the community, they typically lose intensity as the coastal range behind Cambria causes the moist air to elevate, condense, and fall out. Santa Rosa Creek, which flows through the center of the community's commercial district, originates in this range and has caused significant flooding events to this area. High tides can further increase flooding potential.





## Local Hazard Mitigation Plan for Cambria CSD

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Coastal areas of Cambria are primarily characterized by narrow beaches backed by low cliffs approximately 20 feet-high. This section of coastline is subject to moderate to heavy wave action mostly from northerly swells. This coastal area is comprised of a rock unit called the Cambrian slab which is a local, colloquial name for the Cretaceous-age sandstones that form Cambria's resistant rock headlands. Since sandstone is fairly resistant to erosion, cliff retreat rates in Cambria are relatively low when considering the wave energy imposed on this area. However, present developments along Windsor Avenue are considered to be in danger from wave action and are currently experiencing rates that average seacliffs retreat of two to three inches per year.

### Hail Storms

Significant amounts of damage to property notably to automobiles, skylights, and glass-roofed structures can occur from hail storms. The damage to landscape and vegetation can also be severe. Fortunately, hail very rarely kills anyone. However, each year dozens of people are injured when they are unable to find adequate shelter.

### Freeze and Heavy Snow Fall

Heavy snow fall within the confines of the District is not expected. On rare occasions, snow fall may be heavy enough in the Santa Lucia Mountain range to the north and east of the community to cause damage to the naturally occurring vegetation. This may result in an increased fire season threat as the damaged vegetation dries out and increases the normal fuel loading. This could threaten portions of the community through a larger and more rapid fire spread.

### Extreme Heat

In the United States heat waves are the most lethal type of weather phenomenon. Between 1992 and 2001, deaths from excessive heat in the United States numbered 2,190, compared with 880 deaths from floods and 150 from hurricanes. Situated on the coast, the community will not experience extremely high temperatures. However the public health risks from extended exposure to **higher than normal** temperatures include hyperthermia, rashes, edema, dehydration, and heat cramps, to name a few. Wildland fire danger is also known to increase dramatically as the daily temperatures climb.



## Local Hazard Mitigation Plan for Cambria CSD

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### Plans and Programs

The San Luis Obispo County Office of Emergency Services (OES) and the Cambria Fire Department in coordination with local, state, and federal emergency response organizations, continually work to better prepare the Districts residents for the impact of these types of emergency events.

First responder agencies, both law enforcement and fire, routinely train on handling the cascading effects that can result from events of this nature. The local chapter of the American Red Cross is prepared to assist citizens in shelter welfare issues. The Fire Department sponsors and is very supportive of a Community Emergency Response Team (CERT). The team is very active having some 150 members meeting and training on a regular basis.

The SLO Planning and Building Department stipulate and enforces codes and ordinances that ensure that buildings are not situated in flood zones and are in compliance earthquake and fire code requirements. Once constructed the Fire Department has a Fire Code inspection program.

The National Weather Service uses a number of methods to get weather statements out to the general population. Examples include the Emergency Alert System, NOAA Weather Radio All Hazards (NWR), and newer smart phone Wireless Emergency Alerts (WEA). For certain significant adverse weather events, the County could potentially use the reverse 9-1-1 system. Early Warning System sirens are located throughout the Diablo Canyon Emergency Planning Zone Area, which does not include the Cambria area, but could have some benefit to Cambria residents who work and shop in areas to the south of the District.

Due to the unique and consistent weather patterns in the area, the National Weather Service (NWS) has broken the County into three weather forecast zones: San Luis Obispo County Central Coast, San Luis Obispo County Interior Valleys, and San Luis Obispo County Mountains. The NWS uses a multi-tier system of weather statements to notify the public of threatening weather conditions specific to these areas. These statements are used in conjunction with specific weather phenomena to convey different levels of risk. In order of increasing risk, these statements are:

### Weather Related Terminology

- **Outlook** - A Hazardous Weather Outlook is issued daily to indicate that a hazardous weather or hydrologic event may occur in the next several days. The outlook will include information about potential severe thunderstorms, heavy rain or flooding, winter weather, extremes of heat or cold, etc., that may develop over the next 7 days with an emphasis on the first 24 hours of the forecast. It is intended to provide information to those who need considerable lead time to prepare for the event.



## Local Hazard Mitigation Plan for Cambria CSD

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- **Advisory** - An advisory is issued when a hazardous weather or hydrologic event is occurring, imminent, or likely. Advisories are for "less serious" conditions than warnings that may cause significant inconvenience, and if caution is not exercised could lead to situations that may threaten life or property. NWS may activate weather spotters in areas affected by advisories to help them better track and analyze the event.
- **Watch** - A watch is used when the risk of a hazardous weather or hydrologic event has increased significantly, but its occurrence, location, or timing is still uncertain. It is intended to provide enough lead time so those who need to set their plans in motion can do so. A watch means that hazardous weather is possible. People should have a plan of action in case a storm threatens and they should listen for later information and possible warnings especially when planning travel or outdoor activities. NWS may activate weather spotters in areas affected by watches to help them better track and analyze the event.
- **Warning** - A warning is issued when a hazardous weather or hydrologic event is occurring, imminent, or likely. A warning means weather conditions pose a threat to life or property. People in the path of the storm need to take protective action. NWS may activate weather spotters in areas affected by warnings to help them better track and analyze the event.
- **Statement** - A statement is either issued as a follow-up message to a warning, watch, or emergency, that may update, extend, or cancel the message it is following up or a notification of significant weather for which no type of advisory, watch, or warning exists.

### Risk Assessment

The varied topography of the District and the mountains just outside the District exaggerates the types of extreme weather. For example; winter storms typically drop more rain than in other parts of the county as they move over the Santa Lucia Mountain Range located just behind the District.

Listed below are the primary dangers associated with extreme weather events:

- Threat to life and danger to public health
- Damage/loss of personal property or crops/livestock
- Utility failures
- Interruption of the transportation network
- Interruption of communication systems



## Local Hazard Mitigation Plan for Cambria CSD

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### Risk Assessment Conclusion

The planning area has a history of extreme weather, mostly winter storm related. These events can have significant impacts on the health and safety of the population and cause major property and infrastructure damage. These types of events include: winter storms, wind events, thunder storms, hail storms, heat waves and drought. The duration of these events, with the exception of drought, is most typically short term.

Given the past history of both occurrence and damage, and based on the wide range of potential events this section is rated as **Medium** in severity and **High** in probability.





## Local Hazard Mitigation Plan for Cambria CSD

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### ➤ Hazard: Wildfire

<b>Severity: Very High</b>	<b>Probability: High</b>
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#### Hazard Definition

A wildfire is an uncontrolled fire spreading through vegetative fuels, posing danger and destruction to property. Outbreaks of wildfire occur routinely throughout San Luis Obispo County's dry season and are predominantly, four out of every five times, generated by humans. As a natural hazard, a wildfire is often the direct result of a lightning strike. These lightning induced fires often occur in remote undeveloped areas and spread to urban areas where structures and other human development are more concentrated. Cambria has experienced lightning caused fires in the last five years within the boundaries of the CSD.

Wildland Urban Interface (WUI) fires occur where vegetation and the built environment are intermingled. Two WUI conditions exist: 1) where there is a distinct interface boundary between the forest and built areas and 2) inter-mix areas where buildings and infrastructure are intermingled in the forest itself. Both WUI conditions exist in Cambria.

The predominate dangers from wildfires are:

- The destruction of vegetation, property, and wildlife
- Injury or loss of life to people living in the affected area or using the area for recreational facilities.
- Post fire erosion/mudslides during winter time rainfall.
- Air quality impact to public health.

#### History

Historically, wildland fires in San Luis Obispo County have burned thousands of acres and caused considerable property loss with an occasional life loss. The majority of these large fires have occurred away from the coastal areas in the warmer and dryer portions of the county (East of the Santa Lucia Mountain Range). Large fires on the coastal side of the county occur less frequently. A Fire History Map of San Luis Obispo County is found at the end of this section. It reveals no



## Local Hazard Mitigation Plan for Cambria CSD

large fire history in the study area and surrounding open space over the past 75 years. A number of large fires originating in the hotter and dryer Nacimiento Lake - Fort Hunter Liggett area have advanced toward the planning area, but have been held in check along the top of the Santa Lucia Range. However, serious fires do occur on the coastal slope of the Santa Lucia range. Wildfires have burned coastal shrubs and Bishop Pine at Montana de Oro State Park south of Cambria, and coastal shrubs and conifers north of Cambria along the Big Sur coast line. These coastal fires occur on a 4-5 year cycle.

### Coastal Fire History - Similar Fuels and Weather Conditions

<b>Morse Fire</b>	1987	190 acres	36 homes, multiple vehicles	Pebble Beach - Burned in an area of very similar fuels, weather and topography.
<b>Highway 41 Fire</b>	August 1994	49,000 acres \$10M	42 homes, 61 other structures, 91 vehicles	Morro Bay - Fire started in the coastal mountains behind the City of Morro Bay. The fire burned into the City of Atascadero and threatened the City of San Luis Obispo.
<b>Diablo Fire</b>	January 2007	1800	2 Structures	Structure fire, just north of Diablo Canyon Nuclear Power Plant. Fire ignited adjacent fuels, wind driven to the top of the ridge an adjoining canyons.
<b>Creek Fire</b>	Nov 2012	430	None	Escaped vegetation management fire, just north of the Diablo Nuclear Power Plant
<b>Pfeiffer Fire</b>	December 2013	850 acres	22 homes, multiple vehicles	Big Sur - Fire started along Hwy 1 near Big Sur campground and burned all the way to the ocean.



## Local Hazard Mitigation Plan for Cambria CSD

### San Luis County Fire Large History - Burning into the Coastal Zone

<b>Weferling Fire</b>	1960	50,000 acres	Unknown	Fire started in the vicinity of Lake Nacimiento and burned north and west towards the coast. It was held along the ridge of the Santa Lucia Range
<b>Logan Fire</b>	August 1997	50,000 acres \$6M	Unknown	The Logan Fire burned in the coastal mountains to the east of the study area in fuels and topography similar to those found in portions of the study area.
<b>Highway 41 Fire</b>	August 1994	49,000 acres \$10M	42 homes, 61 other structures, 91 vehicles	Fire started in the coastal mountains behind the City of Morro Bay. The fire burned into the City of Atascadero and threatened the City of San Luis Obispo.
<b>Chimney Fire</b>	August 2016	46,344 acres	49 homes, 21 other structures, multiple vehicles	Very similar to Weferling Fire 56 years earlier, this started in the vicinity of Lake Nacimiento and burned north and west towards the coast. It was held along the ridge of the Santa Lucia Range.

The most historically significant fire is the Morse. In 1987, this fire burned 190 acres in Pebble Beach, Monterey County. This fire took place in a Monterey Pine forest similar to that in Cambria. It burned over the course of one day into a wildland urban interface community.

A Report from the US Fire Administration summarizes: On May 31, 1987, fire escaped from an illegal campfire in the Del Monte Forest in Pebble Beach, California. The resulting fire burned 160 acres and destroyed 31 structures causing an estimated damage of approximately \$18,000,000. There were 18 injuries, including 15 firefighters and 3 civilians. The fire spread from the forest into the residential area. Control of the fire in the forest was difficult due to heavy fuel load and low fuel moisture. Structures were located on a ridge above the main body of the fire. A fire storm occurred near the top of this ridge, spreading the fire across the residential area. The spread of the



## Local Hazard Mitigation Plan for Cambria CSD

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fire through the residential area was aided by wood shingle roofs, natural vegetation around structures, accumulation of pine needle litter on roofs, and the intensity of the fire.

### Risk Assessment

When determining the jurisdiction's risk from wildfire, the local weather, fuels, and topography must be reviewed:

**Topography** refers to canyons, hillsides, river bottoms, ridges and other "lay of the land" features. These all have a dramatic effect on fire spread. Aspect or orientation of the fuel beds also plays an important role. In general, south facing slopes are subjected to greater solar radiation, making them drier and thereby intensifying wildland fire behavior. The topography within the District is quite varied; from a gently sloping marine terrace to a number of steep and inaccessible canyons (i.e. Strawberry and Fern Canyons). The majority of the topography is sloped and heavily developed with residential/single family homes; therefore a significant wildland urban interface exists. The two small but separate commercial districts, East and West Village, are located on level or very gently sloped areas above and to the north of Santa Rosa Creek. Both of these commercial districts are in wildland urban interface areas.

**Weather** in this region weather plays a key factor in the wildland fire potential. Rain fall occurs primarily between the months of November and April, and 30 year averages range between 29 inches per year in the District to 39 inches in the mountains to the east of the community. Summers are typically cool with fog and or high relative humidity. Humidity is an important fire-related weather factor. As humidity levels increase, vegetation moisture levels also increase, thereby decreasing the likelihood that plant material will ignite and burn. Wind in the area, a key factor in spread, is quite predictable and is usually moisture laden due to the close proximity of the ocean. The wind typically flows to the N/W in the spring and summer. The fall season will see dryer and warmer days. Strong winds from the Northwest through East quadrants present the greatest threat to fire spread in Cambria. This combined with the lack of rainfall will see the fire hazard threat increase.

**Fuels** are classified into three risk categories as described below: Very High, High and Moderate. *Please see description below.*





## Local Hazard Mitigation Plan for Cambria CSD

### Fuel Hazards

Fuel	Fire Hazard Ranking	Locations in Cambria
Grass	Moderate to High	Throughout the District. Prominent fuel type on gentle slopes of the marine terrace east side of Hwy 1, Moonstone Beach, Windsor, and Fiscalini Ranch areas.
Brush	Very High	Scattered fuel beds throughout the District. Heavy fuel beds along both sides of Hwy 1 Burton Dr. to Santa Rita Creek.
Timber	Very High	Throughout the District, both in scattered and heavy stands. Often inter mixed with structures. Considerable number of standing dead trees. Extensive dead and down materials on the forest floor in many areas.

The arrangement of the fuel on the land is also an important consideration. By breaking up or thinning fuel beds, one can slow the rapid spread rates of wildfires. In addition, the removal of certain fuels in the horizontal plane can prevent fires from “laddering” into the tops of trees where it may burn hotter and be more difficult to contain.

A combination of factors has led to a very dangerous overloading of highly flammable fuels throughout the community and the adjoining areas. With the establishment of the community around 1860, fire suppression activities have allowed a tremendous buildup of both live and dead fuels that would normally be reduced through naturally occurring fire.

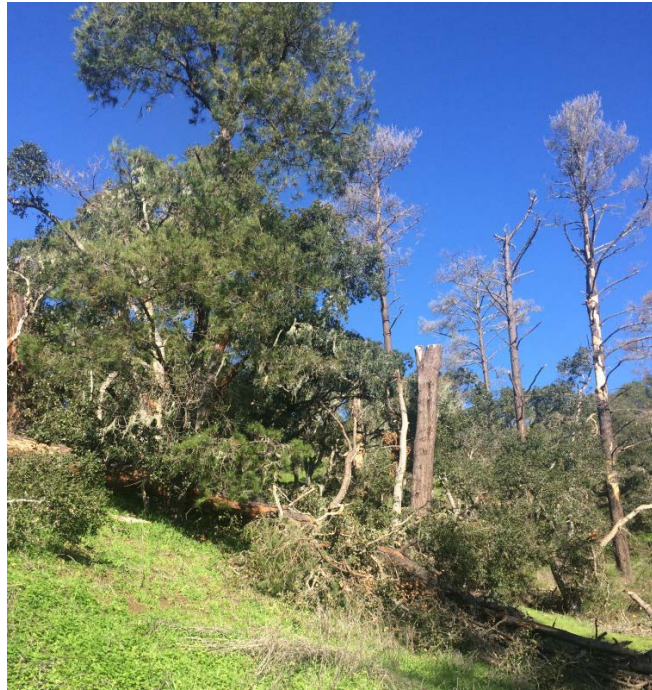
**Tree Mortality** First observed in Cambria in 1994, Pine Pitch Canker, a disease of pine trees caused by the fungi, *Fusarium circinatum*, began taking a toll on the native Monterey Pines that the community is famous for. This process increased dramatically with the advent of the drought that started in 2012. Trees stressed by the drought were more susceptible to the fungus and bark beetles. By 2014 the tree mortality rate increased dramatically, studies conducted by Cal Poly University measured mortality in older Monterey Pines in excess of 70%.

As a result of this significant fuels problem, the California Department of Forestry and Fire Protection’s Fire and Resource Assessment Program (FRAP), has re-classified the District and much of the surrounding area as being in a High Fire Hazard risk area.



## Local Hazard Mitigation Plan for Cambria CSD

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**Dead and Down Fuels  
in Cambria, 2017**

### **Plans and Programs**

#### **Ordinances and Regulations**

##### **California Fire Code**

This code may be adopted by local jurisdictions, with amendments, and provides minimum standards for many aspects of fire prevention and suppression activities. These standards include: provisions for access, water supply, fire protection systems, and the use of fire resistant building materials. The Cambria CSD has adopted and added local amendments to the California Fire Code.

##### **Wildland Urban Interface Code**

This code may be adopted by local jurisdictions, with amendments to provide minimum as well as additional standards for Wildland Urban Interface prevention, protection and suppression. These standards include specific requirements for fire resistant building materials, exterior armoring, access, fire protection systems, defensible space clearance and ornamental vegetation standards. The Cambria CSD has adopted this code with amendments.



## Local Hazard Mitigation Plan for Cambria CSD

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### **California Health and Safety Code and the California Building Code**

The Health and Safety Code contains regulations pertaining to the abatement of fire related hazards. It also requires that local jurisdictions enforce the California Building Code, which provides standards for fire resistive building and roofing materials, and other fire-related construction methods.

### **Public Resources Code (PRC) and Title 14 of the California Code of Regulations**

PRC regulations define criteria for State Responsibility Area (SRA) wherein state wildland fire laws and regulations apply. All of Cambria, and surrounding area, is within PRC defined SRA. PRC contains statewide fire prevention and suppression standards in SRA wildland fire areas. Title 14 includes Fire Safe Regulations that apply to development in SRA.

### **San Luis Obispo County General Plan Safety Element and Land Use Ordinance**

Land use planning and building development in Cambria is regulated by the County Planning and Building Department with Fire Code administered by the Cambria CSD Fire Department. Sections within these documents establish minimum standards for development in Cambria.

### **Preparedness Programs**



#### **Cambria FireSafe Focus Group**

The Cambria FireSafe Focus Group is a subset of the San Luis Obispo County Fire Council. The Fire Safe Council is comprised of stakeholders in community fire prevention and especially wildland fire pre-planning, community education and preparedness. The Cambria Fire Safe Focus Group is operated entirely by agency representatives and volunteers and established to improve local fire safety especially from a wildland fire. Their mission is to mobilize Cambrians to protect their community, homes, businesses and environment from wildfire. Group members were instrumental in recently receiving a Firewise Community designation from the National Fire Protection Association by creating a community-wide Wildfire Risk Assessment, creating an



## **Local Hazard Mitigation Plan for Cambria CSD**

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Action Plan from that assessment, conducting a ‘Firewise Day’ event, and investing at least \$2.00 per capita on community fire prevention efforts.

To help Cambrians become aware of the potential for a major wildland fire in Cambria the focus group has established the following goals:

1. Public education and outreach.
2. Identify fire-safe practices, landscaping and defensible space around your home or business.
3. Identify fire-safe construction and reducing fire embers ability to enter the inside of a building or ignite the building exterior.
4. Hold community requested neighborhood meetings to promote wildland fire safety and preparedness.
5. Coordinate and deliver Fire Safe Chipping events to reduce accumulated dead wildland fuels and to enhance defensible space around buildings.
6. Increase awareness and public education regarding evacuation safety, routes and family and business plans.

### **Mitigation Projects**

The SLO County Fire Safe Council and CAL FIRE have been very successful in receiving grants from a number of sources for a variety of fuel mitigation projects within the District. The completed and current projects listed below total approximately \$1,280,000.

#### **Completed projects include:**

- Community wide chipping (available annually since 2000)
- PG&E Grant to maintain and enhance Bridge Street Fuel Break
- Hillside hazardous fuel reduction in Rodeo Grounds portion of Fiscalini Ranch Preserve
- Cambria CSD has installed an emergency evacuation road across the Fiscalini West Ranch to ensure that Park Hill, Seaclift Estates, Marine Terrace and West Lodge Hill residents have an alternate escape route and First Responders have a secondary means of ingress and egress
- Emergency Access Road across the Fiscalini Ranch West.





## Local Hazard Mitigation Plan for Cambria CSD

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- A hydrant installed adjacent to the south end of the Emergency Access Road on the Fiscalini West Ranch to be used as a helicopter water supply and general water supply for combating wildfires.

### Projects currently underway include:

- CAL FIRE Greenhouse Gas Fund Grant (Salvage harvest dead and dying trees)
- Strawberry Canyon, Greenspace -The Cambria Land Trust, (Fuel Reduction)
- Cambria Hwy.1- Fuel Reduction.
- Cambria Community Chipping
- Public Safety Hazard tree removal throughout community
- Public Outreach, Education, Preparedness
- Monitoring and measurement of forest health restoration
- Community Fire Safe Fair 2016 Western States WUI Grant
- CAL FIRE Tree Mortality Grant

### Grant in process:

- Greenhouse Gasification Biomass Plant (CCSD Applicant w/Fire Safe Council Support)

### On Going Work (non-grant funded):

CAL FIRE and the California Conservation Corps routinely works with Cambria CSD staff and other property owners to create fire defense improvements where there is a community benefit. These projects are typically funded through State of California Fire Prevention fees (SRA fees) and include:

- The Bridge Street Fuel Break - \$ 45,000 in SRA funds was used to established a 100 foot wide fuel break to separate the Covell Ranch forest stands from adjacent Pine Knolls, Happy Hill, and Liemert Tract areas of Cambria. The fuel break also cleared area along Bridge Street between the East Village and Cambria Cemetery. *See photos at the end of this section.*



## Local Hazard Mitigation Plan for Cambria CSD

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- CAL FIRE hand crews have provided clearance in the CSD owned Fiscalini Ranch Preserve; Greenspace owned Strawberry Canyon, and privately owned Covell Ranch.
- Defensible space compliance inspections (PRC 4291) of 100% of applicable properties in Cambria.

### Management Plans and Studies

Given the high values at risk a considerable amount of studying and planning has been completed over the past two decades:

- In 1992, a **Statewide Pine Pitch Canker Task Force** was established. A Pitch Canker Action Plan was approved in 1995. The Plan is intended to identify management, research and educational priorities to limit the spread of pine pitch canker in California. More information on pine pitch canker can be found via the Pine Pitch Canker Task Force: [http://frap.cdf.ca.gov/pitch\\_canker/](http://frap.cdf.ca.gov/pitch_canker/).
- The **Cambria Forest Management Plan** (Jones and Stokes) was developed in 2002 through a grant from the California Department of Forestry and Fire Protection (CDF) under Senate Bill No. SB 1712. The Plan provides an integrated framework of techniques for the management of mixed native Monterey Pine and Coastal Live Oak forest in the Cambria community and surrounding area.
- **CAL FIRE Unit Fire Prevention Plan** is prepared annually and details hazard and risk and mitigation measures planned for implementation by CAL FIRE resources.
- **The Cambria Community Wildfire Protection Plan** was developed by CAL Fire - San Luis Obispo Unit with assistance by students at California Polytechnic University, San Luis Obispo. The Plan provides an analysis and evaluation of the current and prospective fire hazard, and suggested mitigation strategies for the community. The Plan takes into account environmental, socioeconomic and political factors that affect wildland fire management and safety of the Cambria Community. A series of detailed Fire Behavior analysis scenarios have been developed using computer modeling programs (FARSITE and WFDSS).

### **Relationship to Other Hazards – Cascading Effects**

The ensuing effects of wildland fires can be devastating beyond the obvious loss of vegetation and depletion of forest resources. Soil, waterways and land can sustain lasting damage from large intense fires. Extreme heat can cause soil to lose its ability to absorb moisture and subsequently support life. These soils quickly erode, and as a result, enhance siltation of rivers and streams, thus



## Local Hazard Mitigation Plan for Cambria CSD

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increasing flood potential, damaging marine life, and diminishing water quality. Further, the risk of landslide hazard increases once land has been depleted of vegetation. Calamitous debris flows can ensue.

Economic impacts can be severe. Wild fires can wreak havoc on homes, recreational assets and the tourist industry. Water, telephone and power utility companies have lost millions of dollars through both the direct and indirect effects of forest fires.

### Risk Assessment Conclusion

While in many locations throughout the District, the fuels and the topography may allow an unchecked wildfire to become a severe threat, the strong coastal weather influence diminishes this hazard much of the time. Therefore, factoring in the areas past fire history, the probability is rated as **HIGH**. Given the high risk for personal injury and loss of life to inhabitants, firefighters, and the potential economic losses, the severity is rated as **VERY HIGH**.



## Local Hazard Mitigation Plan for Cambria CSD

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**West Side of Bridge Street – Fuel Thinning Project Complete**

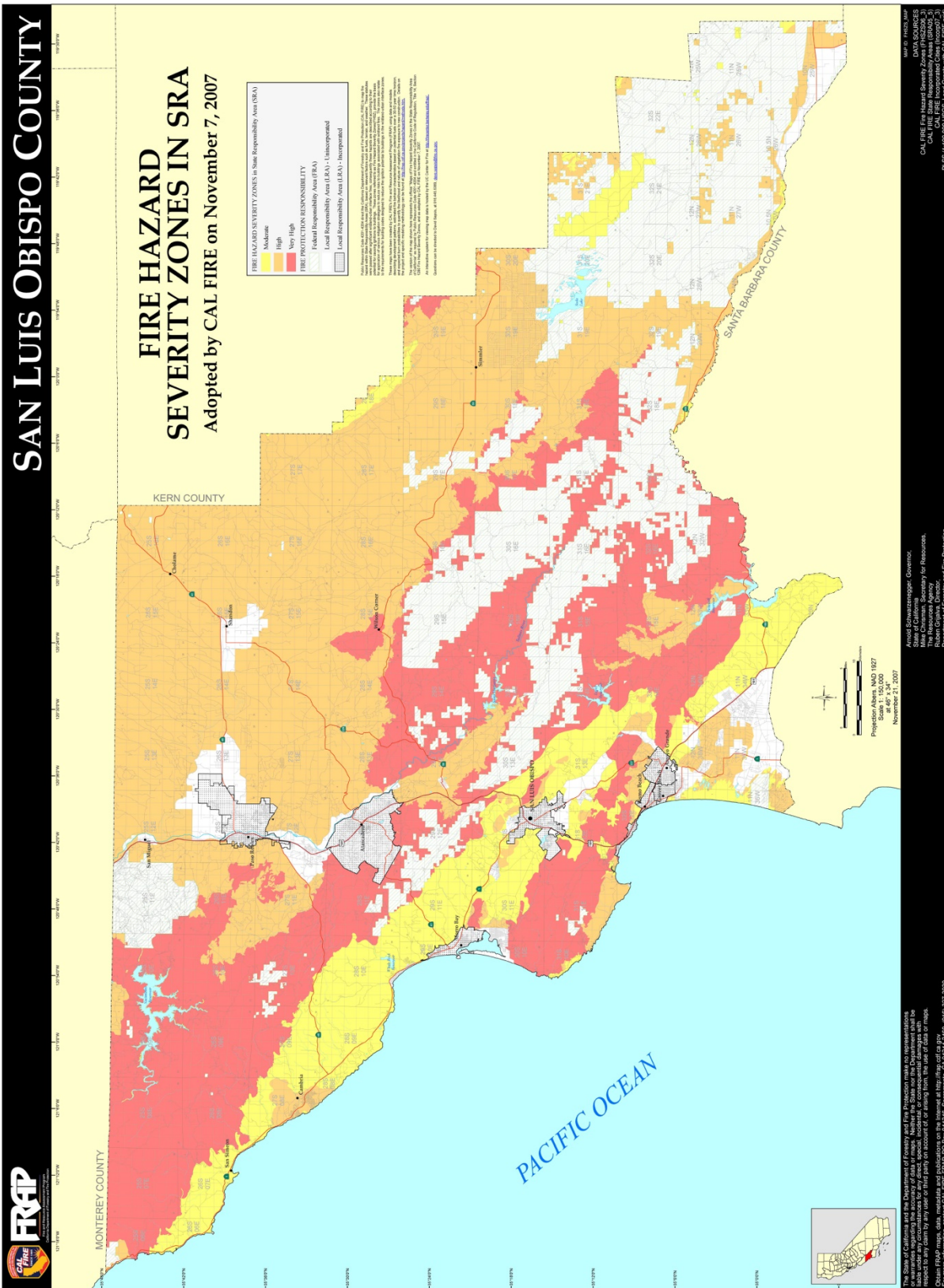
**Exact Location East side of Bridge Street – Project in Process**







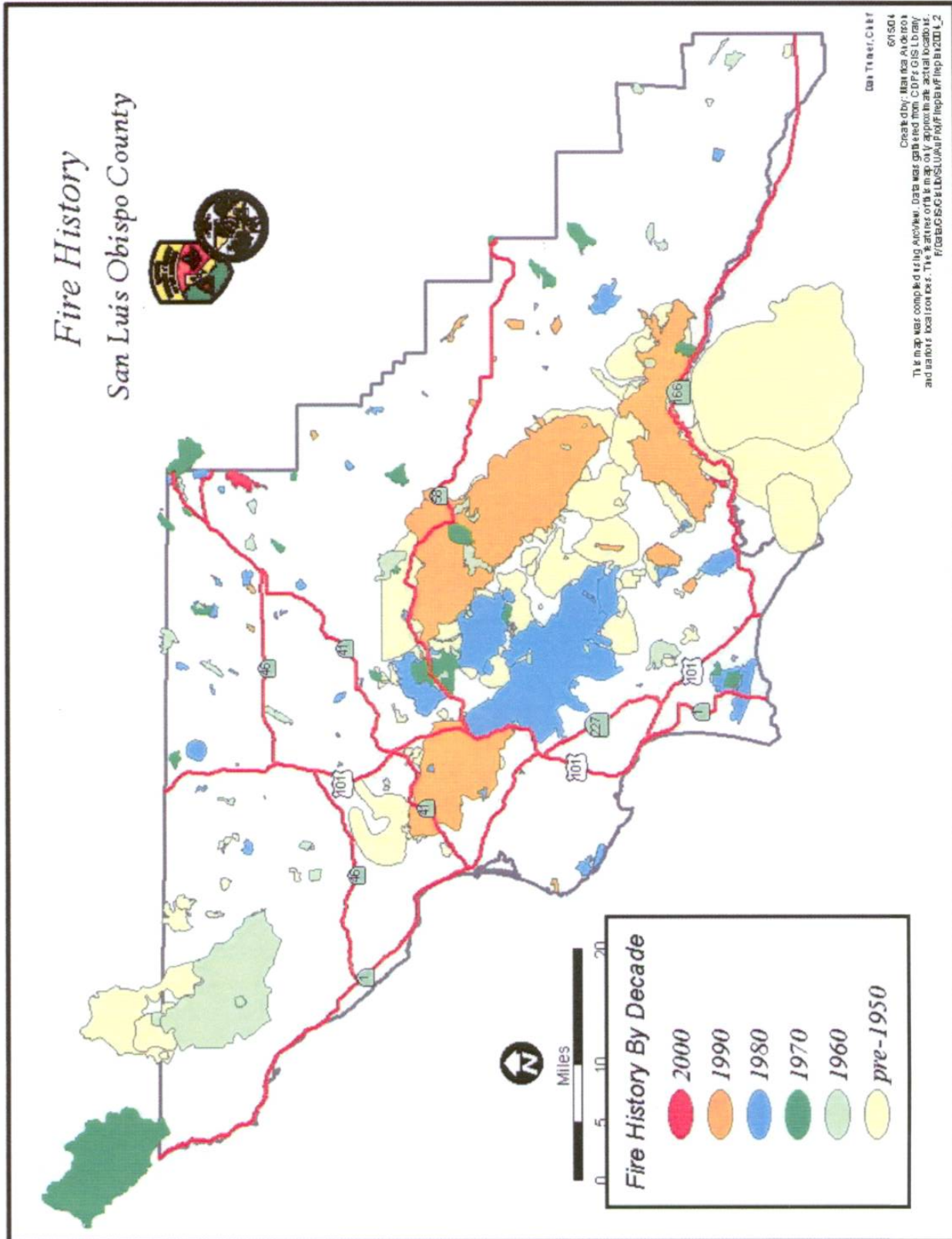
# Local Hazard Mitigation Plan for Cambria CSD



SLO County Fire Hazard Severity Zones



# Local Hazard Mitigation Plan for Cambria CSD



Fire History Map- San Luis Obispo County



## Local Hazard Mitigation Plan for Cambria CSD

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### ➤ Hazard: Tsunami

<b>Severity: Medium</b>	<b>Probability: Low</b>
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#### Hazard Definition

A tsunami is a wave, or a series of waves, caused by a displacement of the ocean floor, usually by movement along a fault. In deep ocean water, tsunamis may travel as fast as 600 miles per hour. As they approach the shore, waves may increase in size and can cause extensive damage to coastal structures.

Withdrawal of the sea may be a precursor to the arrival of the first wave. After the first wave appears, waves may continue to arrive at intervals for several hours. Intervals between successive waves may be similar. If the second wave appears 20 minutes after the first, it is likely that a third wave (if there is one) would arrive 20 minutes after the second. The first wave may not be the biggest. Yet the largest wave usually occurs within the first ten waves. The height the sea level rises above mean high tide line is referred to as runup.

The Davidson Seamount is located approximately 70 miles NW of Cambria, 4,101 feet beneath the Pacific Ocean's surface. This mount rises 7,480 feet up from the ocean floor and is 23 miles long and 7 miles wide. A sub-surface landslide on this or any other nearby undersea feature would not allow adequate time to notify/warn Cambria or other area residents to evacuate. An undersea landslide here could be devastating to Cambria and the North Coast area.

#### History

Tsunamis have done great damage to communities located on the California Coast. A tsunami in 1964, following an earthquake in Alaska, killed 12 people in Crescent City and damaged piers and boats in Morro Bay as the bay emptied and filled every 15 minutes for over an hour.

On March 11, 2011, a great quake (9.0) struck northern Japan. Nearly 12 hours later, approximately \$500,000 in damage was recorded to piers and docks in Morro Bay as a result of a tsunami from this earthquake. At the Center of Coastal Marine Science in Morro Bay (near the back of the bay), an oceanographer recorded a 6 foot surge, while fishermen and Coast Guard personnel estimated an 8-9 foot surge at the Coast Guard pier near the entrance to the harbor.



## Local Hazard Mitigation Plan for Cambria CSD

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### Tsunami History San Luis Obispo County

Location (Damage)	Incident Date	Intensity	Initial Description
Morro Bay	1868	Unknown	Unknown
Cayucos	4/16/1877	Height: 3.6 meters	California
Morro Bay	1878	Unknown	Unknown - Reportedly overtopped the sand spit in low areas
Pismo Beach	1927	Height: 1.8 meters	California
Avila Beach	4/1/1946	Height: 1.3 meters Source magnitude: 7.3 Ms	Tsunami source location: Alaska Source event: E. Aleutian Islands Travel time: 5 hours 36 minutes
Morro Bay	4/1/1946	Height: 1.5 meters Source magnitude: 7.3 Ms	Tsunami source location: Alaska Source event: E. Aleutian Islands Travel time: 5 hours 36 minutes
Avila Beach	11/4/1952	Height: 1.4 meters Source magnitude: 8.2 Ms, 9 Mw	Tsunami source location: Russia Source event: Kamchatka Travel time: 8 hours 36 minutes
Pismo Beach	5/22/1960	Height: 1.4 meters Source Magnitude: 9.5 Mw	Tsunami source location: Chile Source event: Central Chile
Avila Beach and Morro Bay	3/28/1964	Height: 1.6 meters Source magnitude: 9.2 Mw	Tsunami source location: Alaska Source event: Gulf of Alaska. Travel time: 5 hours 10 minutes
Morro Bay	3/11/2011	Height: 2.4 Meters Source magnitude: 9.0 Mw	Tsunami source location: Japan Source event: Tōhoku earthquake Travel time: 10 hours 32 minutes





## Local Hazard Mitigation Plan for Cambria CSD

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### Hazard Potential

As noted in the above table, the historic record shows that significant tsunamis typically have been generated from distant earthquake sources. It has been estimated that the 100 and 500 year tsunami runups in the study area are based on far-field source generation locations (such as the Aleutian or Chile-Peru Trenches). Estimated tsunami runup along the Cayucos/Morro Bay/Cambria coastline is approximately 9.5 feet to 24.2 feet for the 100 year and 500 year events, respectively. Those runups were calculated using astronomical high tides, and compare well with recorded tsunamis that have occurred in other locations along the California Coast. However, the worst case scenario would be if a tsunami occurred during a meteorological high tide (storm surge), which would add an estimated 14.5 feet (4.5 meters) to the runup values calculated. In this worst case scenario, the estimated tsunami runup for the 100 year and 500 year would be approximately elevation 24 and 39 feet above mean sea level, respectively. The primary effects of a tsunami can be widespread destruction and damage to coastal structures, roads, communications facilities and other infrastructure.

### Plans and Programs

A detailed Tsunami Response Plan for San Luis Obispo County is in place. The Plan uses as its basis all those coastal communities, recreation and developed areas with an elevation of 50 feet above mean sea level.

The West Coast/Alaska Tsunami Warning Center in Palmer, Alaska is responsible for issuing tsunami information for California, Oregon, Washington, and British Columbia. Tsunami generating incidents around the Pacific can be detected, pinpointed and magnitude computed in from 2 to 12 minutes depending upon the distance from the warning center. Depending on the incident magnitude a “Watch” “Advisory” or “Warning” will be transmitted to the Governor’s Office of Emergency Services and then distributed through the County’s Emergency Alerting System.

### Risk Assessment

In general, much of the SLO County coast is protected by wide beaches, coastal dune, or sea cliffs that provide protection for coastal developments. Areas in the county most vulnerable to the tsunami hazard are well delineated in the County’s Tsunami plan. Within the CCSD the vulnerable areas include the following:

- Moonstone Beach, Shamel Park, Windsor Blvd, Park Hill and The West Ranch from the coastal terrace trail to the ocean



## Local Hazard Mitigation Plan for Cambria CSD

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- Main Street from Hwy. 1 to Santa Rosa Creek Road
- Santa Rosa Creek Road to Coast Union High School
- Burton Drive and all side streets between Main Street to and including Village Lane
- The marine terrace between Marlborough and the ocean to Ardash

If the gradient is shallow, tsunami waves can travel upstream into river channels and creek beds causing flooding, as is the case with Santa Rosa Creek.

Damage to coastal structures would likely increase if the tsunami event were to coincide with a high tide, storm related waves, or large winter storm runoff. The Windsor Blvd. bridge over Santa Rosa Creek, just west of Moonstone Beach Drive would be in the direct wave pathway and would likely be severely damaged or destroyed by these waves. The adjacent residential neighborhoods would become isolated. The CCSD Wastewater Treatment Plant would be severely damaged or destroyed reducing or eliminating Cambria's WWTP ability to process wastewater.

*A San Luis Obispo County Tsunami Hazard inundation map is found at the end of this section.*



**Residential Structures in  
Tsunami Risk Area**



## Local Hazard Mitigation Plan for Cambria CSD

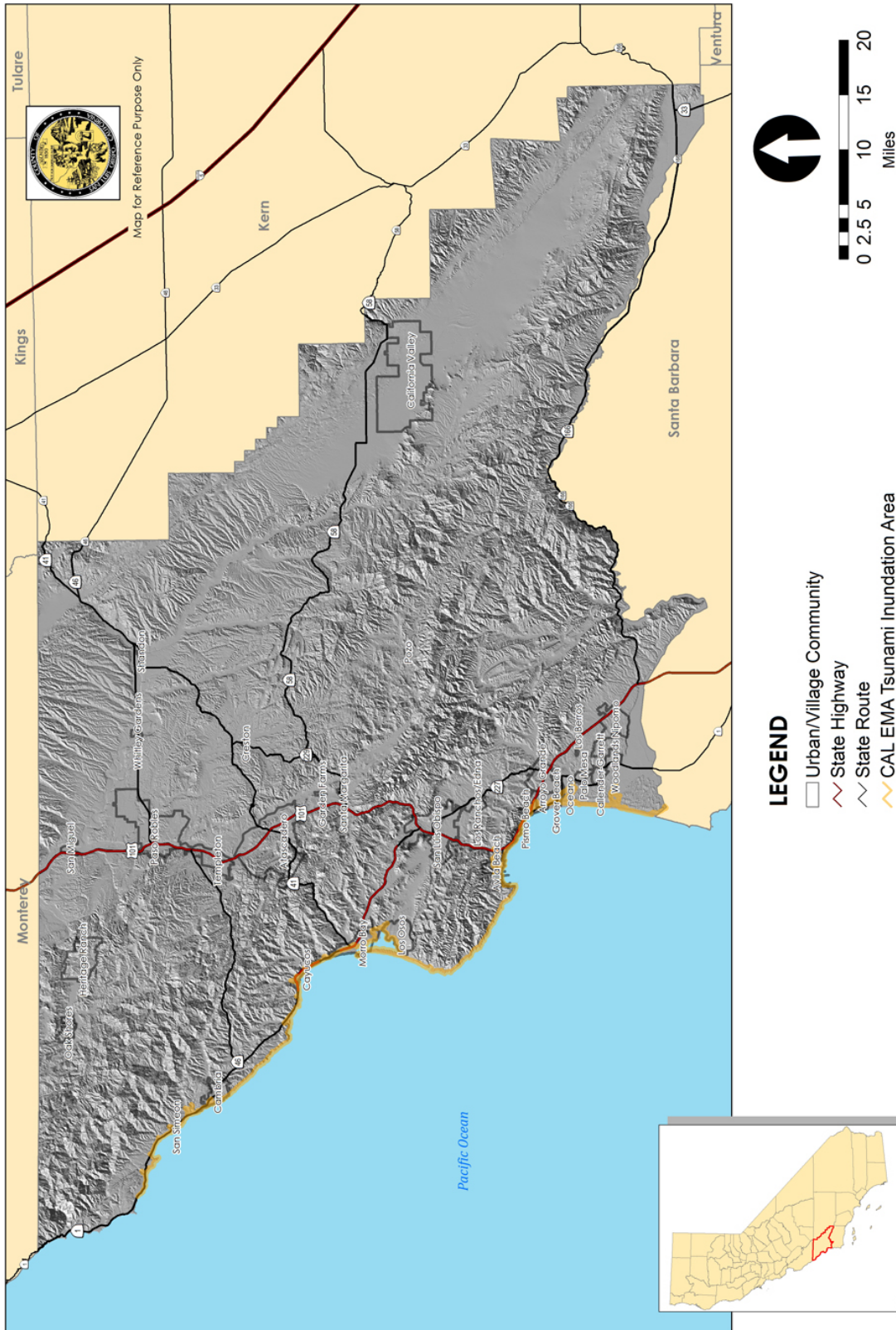
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### Risk Assessment Conclusion

Historically, the study area has had minimal threat from tsunami activity. Thus, the probability of this hazard event is deemed **Low**. The combination of an accurate tsunami warning system, which will provide time for evacuations, and the limited exposed area justifies a **MEDIUM** severity rating.



# Local Hazard Mitigation Plan for Cambria CSD



San Luis Obispo County Tsunami Hazard Inundation Map





## Local Hazard Mitigation Plan for Cambria CSD

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### D. Jurisdiction Specific Hazard Ranking

Given the past history, the current conditions, and the overall life and property threat to the Community of Cambria, the Hazard Planning Group has deemed the probability and severity of each hazard as follows:

Cambria	Earthquake	Wildland Fire	Extreme Weather	Flood	Landslides	Tsunami
Probability	H	H	H	H	L	L
Severity	H	VH	M	M	L	M

L = Low, M= Medium, H = High, VH= Very High

## VI. VULNERABILITY ASSESSMENT

### A. Overview

The vulnerability assessment is a summary of the hazard’s impact to the community’s vulnerable structures. Community assets and development trends will be identified and assessed with respect to the developed hazard profiles to ascertain the potential amount of damage that could ensue from each identified hazard. This section will include: 1) A description of the critical buildings and infrastructure within the study areas including future building and land use decisions. 2) A general description of the extent of each hazard’s impacts to these vulnerable structures, 3) An estimate of the potential dollar losses to vulnerable structures.



## Local Hazard Mitigation Plan for Cambria CSD

### B. DMA 2000 Requirements

<b>DMA Requirement §201.6(c)(2)(ii):</b>	The risk assessment shall include a description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.
<b>DMA Requirement §201.6(c)(2)(ii)(A):</b>	The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas.
<b>DMA Requirement §201.6(c)(2)(ii)(B):</b> (c)(2)(i)(A)	The plan should describe vulnerability in terms of an estimate of the potential dollar losses to vulnerable structures identified in paragraph of this section and a description of the methodology used for estimating.
<b>DMA Requirement §201.6(c)(2)(ii)(C):</b> (c)(2)(i)(A)	The plan should describe vulnerability in terms of providing a general description of land uses and development trends within the community so that future mitigation options can be considered in future land decisions.
<b>DMA Requirement §201.6(c)(2)(iii):</b>	For multi-jurisdictional plans, the risk assessment must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.

### C. Critical Facilities and Infrastructure

Critical facilities and infrastructure are those systems within each community whose incapacity or destruction would have a debilitating effect on the community's ability to recover subsequent to a major disaster. The following critical facility and infrastructure are categorized as follows:

1. **Emergency Services** for the health and welfare of the whole population (e.g., hospitals, police, fire stations, ambulance stations, emergency operations centers, evacuation shelters, schools).
2. **Lifeline Utility Systems** such as potable water, wastewater, oil, natural gas, electric power and communications systems.
3. **Transportation Systems** including railways, highways, waterways, airways and community streets to enable effective movement of services, goods and people.
4. **High Potential Loss Facilities** such as power plants, dams and levees.



## Local Hazard Mitigation Plan for Cambria CSD

### *Non-Critical Facilities*

For the purpose of this plan, properties such as recreational facilities, parks, libraries, religious facilities, and historical buildings will be classified as non-critical facilities. Although their relevance to the school district, cities, and their residents is undeniably significant, they are not classified as 'critical facilities' per the definition set in Executive Order 13010 (Critical Infrastructure Protection 1996).

### *Residential Facilities*

Although personal residences are not by the above definition considered to be critical facilities, their relevance to these communities and its citizens is unquestionable. For that reason, they have been included in each jurisdiction's vulnerability assessment.

### D. Jurisdictional Assets at Risk to Applicable Hazards

Critical Facilities and Infrastructure	Address/Location	Value: Building/Content	Wildfire	Flood	Earthquake	Landslides	Extreme Weather	Tsunami
Wastewater Treatment Plant	5500 Heath Lane (Well)	\$181,700/ \$1,003,000		X	X		X	X
Wastewater Lift Station B4	1551 Green Street	\$350,000			X		X	
New Blower Building Structure	5500 Heath Lane	\$530,000/ \$20,000		X	X		X	X
Switchgear, Conduits, Wires, and Cables	5500 Heath Lane	\$20,000		X	X		X	X
Pine Knolls Water Tank	988 Manor Way	\$20,000/ \$15,000	X		X		X	
Vehicle Storage/Office Building	5500 Heath Lane	\$225,000/ \$150,000	X	X	X		X	X
Wastewater Lift Station 8	1090 Hillcrest Drive	\$150,000			X		X	



## Local Hazard Mitigation Plan for Cambria CSD

Old Ranch House	San Simeon Creek Road	\$250,000/ \$25,000	X		X		X	
Maintenance Storage Shop	5500 Heath Lane	\$30,000/ \$50,000		X	X		X	X
Booster Station	Charing Lane	\$50,000	X		X		X	
Fire Sub Station	6500 Heath Lane	\$100,000/ \$50,000		X	X		X	X
Wastewater Lift Station B1	2282 Burton Drive	\$300,000			X		X	
Fire Station	2850 Burton Drive	\$1,678,053/ \$250,000			X		X	
Wastewater Lift Station Street A	5101 Nottingham Drive	\$30,000			X		X	X
Pump House and Generator	Cambria Pines Road	\$150,000/ \$250,000	X		X		X	
Veterans Memorial Building	1000 Main Street	\$740,000/ \$100,000		X	X		X	
Wastewater Lift Station 4	212 DeVault Place	\$150,000			X		X	X
Yard and Shop	Old Rodeo Grounds Road	\$200,000/ \$150,000		X	X		X	X
Pump House ss1-2-3	San Simeon Creek Road	\$230,000/ \$100,000	X		X		X	
Wastewater Lift Station B	4849 Cabrillo Highway	\$300,000/ \$100,000			X		X	
NPW Pumps and Flow Equalizer Vault and Meter	5500 Heath Lane	\$62,000		X	X		X	X
Wastewater Lift Station 9	6789 Moonstone Beach Boulevard	\$150,000			X		X	X
Wastewater Lift Station B2	3200 Eton Drive	\$300,000			X		X	
Secondary Clarifier Handrails	5500 Heath Lane	\$80,000		X	X		X	X





## Local Hazard Mitigation Plan for Cambria CSD

Wastewater Lift Station 3	2222 Green Street	\$350,000			X		X	
Standby Generator House	San Simeon Creek Road	\$50,000/ \$150,000	X		X		X	
District Office	1316 Tamson Drive	0/ \$320,000			X		X	
Well and Filter-SR 4	Santa Rosa Creek Road	\$200,000/ \$500,000		X	X		X	
3 Blowers	5500 Heath Lane	\$125,000			X		X	X
Water Yard Booster Pump Station	2031 Rodeo Ground Road	\$150,000/ \$100,000			X		X	
BioSolids/Screwpress	5500 Heath Lane	\$1,000,000		X	X		X	X
Pump House	Stuart Street	\$80,000/ \$50,000	X		X		X	
Stuart Street Tank Site, radio bldg., and generator	1968 Richard	\$150,000/ \$100,000	X		X		X	
Wastewater Lift Station A1	190 Harvey Street	\$150,000			X		X	
Fiscalini Water Tank	1000 Ellis Avenue	\$300,000	X		X		X	
Leimert Tank	Cambria Pines Road	\$300,000	X		X		X	
Sustainable Water Facility	990 San Simeon Creek Road	\$7,366,742	X	X	X		X	
<b>Total Values</b>		<b>\$18,798,795</b> <b>/</b> <b>\$3,483,000</b>						



## Local Hazard Mitigation Plan for Cambria CSD

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### E. Methodology Used

To determine the number of critical structures and infrastructure at risk, a combination of field surveys, aerial photos and flood maps, and Google Earth software was used. The methodology used in preparing the Vulnerability Estimate consisted of determining the value of critical buildings and facilities from insurance property schedules. Critical infrastructure values were established by using actual replacement costs which were determined by recent comparable replacement projects.

### F. Loss Estimations

Dollar losses to buildings and infrastructure vary depending upon the natural hazard occurring and the severity of the hazard. In general, earthquakes can extensively damage a wide area therefore critical structure and infrastructure losses should be estimated at a 100% value. Destruction from flooding takes place in specific areas and the damage is historically much less severe than that of an earthquake. Thus, the estimated loss as a result of flooding should be calculated at the 40% level. Damage resulting from Wildfires should be calculated at 25% of structural value. The vast majority of the community is at risk for wildfire. Extreme weather could impact any portion of the jurisdiction. Historical data indicates that these events are extremely localized and a 10% loss should be anticipated.

### G. Development Trend Analysis

Building development within the District is overseen by San Luis Obispo County and the State Coastal Commission. Building size and height are regulated, and modified to specific district areas. The community is currently 45 percent developed. Water is one of the most important limiting factors to growth in Cambria. As a result of the building restrictions established in 1999, growth is severely restricted. The wait for a building permit for new construction is estimated at 20 years and is dependent upon the development of new water sources.

The District has developed an innovative Buildout Reduction Plan (BRP) to ensure Cambria's small-town character, natural resources, and quality of life remains intact. The BRP's primary goals are to conserve water, minimize infrastructure impacts, and preserve the town's dwindling forests and open space, allowing Cambria to retain its small-town character and quality of life. The BRP also satisfies the California Environmental Quality Act's requirement to mitigate any growth-inducing impacts of the Water Master Plan. The BRP seeks to retire or merge building sites that exceed the approved maximum 4,650 water connections. This includes multi-family connections



## Local Hazard Mitigation Plan for Cambria CSD

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and lots. It does not include commercial connections, which are limited to 20% of the residential water allocation in a given year.

### VII. CAPABILITY ASSESSMENT

#### A. Overview

An important component of the Mitigation Strategy is an understanding of the resources available to the District in order to mitigate the effects of each of the identified hazards. The Capability Assessment begins with a review of legal and regulatory capabilities, including ordinances, codes, and plans needed to address hazard mitigation activities. This Assessment also describes the administrative and technical capability available to each jurisdiction. The third component of the Assessment is the District's fiscal capability to ensure the availability of financial resources to implement proposed mitigation strategies. The final part of the Capability Assessment is a review of the physical assets available to respond to the emergency needs of the community.

The following resources are available to the jurisdiction in order to mitigate the effects of the identified hazards:

#### B. Legal and Regulatory

Both the District and San Luis Obispo County (SLO) have in place the applicable Building Codes, Zoning Ordinances, Subdivision Regulations, and other regulatory development guides to provide specific support to hazard mitigation activities within the District as described below.

Additionally, the General Plan, Multi-hazard Emergency Response Plans, and Post-Disaster Recovery Plans provide additional authority and are developed and maintained by the County.

- **General Police Power**-The general police power of both the County and the District is typically enacted and enforced with ordinances, which define, prohibit, regulate or abate acts, omissions, or conditions detrimental to the health, safety, and welfare of the people, and to define and abate nuisances, including public health nuisances.

Since hazard mitigation can be included under the police power as protection of public health, safety and welfare, district, towns, cities and counties may include requirements for hazard mitigation in local ordinances. Local governments may also use their ordinance making power to abate "nuisances," which could include any activity or condition making people or property more vulnerable to a hazard.

- **California Building Code**-Building Codes and Inspection Construction within the jurisdiction must meet the standards of the California Building Code. The area's Building



## Local Hazard Mitigation Plan for Cambria CSD

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and Department reviews proposed subdivisions and building plans, and conducts site inspections to ensure applicable codes are followed. Additionally, the District Fire Department reviews proposed projects for enforcement of the California Fire Code.

- **Land Use Regulations** Land use regulatory powers include planning, enacting and enforcing zoning ordinances, floodplain ordinances, and land division controls. Local government can control the amount, timing, density, quality and location of new development in order to reduce a community's vulnerability to naturally occurring hazards. In conclusion, unsafe development in hazard prone areas can be prevented through local planning, zoning and development review by the County Planning and Building Department.
- **Acquisition/Eminent Domain** California legislation empowers cities, towns and counties to acquire property for public purpose by gift, grant, devise, bequest, exchange, purchase, lease or eminent domain. San Luis Obispo County can and has used acquisition as a tool for pursuing local mitigation goals. This reduces or eliminates the possibility of unsafe development occurring.
- **Taxation-** California law gives local government the power to levy taxes and special assessments. The power of taxation extends beyond merely the collection of revenue, and can have a profound impact on the pattern of development in the community. Communities in some states have the power to set preferential tax rates for areas which are more suitable for development in order to discourage development in otherwise hazardous areas. California does not allow cities or counties to increase tax rates beyond the base rate, except with voter approval. A community can pursue voter approval of a bond or similar mechanism to increase the property tax to be used for a specific purpose.
- **Spending/Budget** - Local governments have the power to make expenditures in the public interest. Hazard mitigation principles can be made a routine part of all spending decisions made by the local government, including the adoption of budgets and a Capital Improvement Plan (CIP).
- **County's Hazardous Waste Management Plan (HWMP)** ensures compliance with hazardous materials regulations

### C. Administrative and Technical

The CCSD has experienced and competent administrative and technical staff in place to expedite the mitigation actions identified in their areas of responsibility. Additionally, SLO County staff possess technical expertise in the areas of planning, engineering, floodplain management, and geographic information systems (GIS) to support this Plan. Additionally, technical and





## **Local Hazard Mitigation Plan for Cambria CSD**

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administrative resources are available to assist the both the County and District staff in implementing the hazard mitigation goals.

### **D. Financial**

In order to achieve the goals and objectives of the Mitigation Strategy, one or more of the following funding sources could be utilized: federal and state entitlements and grants, general fund, sales and property taxes, infrastructure user fees, impact fees, and new development impact fees. The District and the County have the necessary budgetary tools and practices in place to facilitate handling appropriate funds; however funding sources are very limited.

### **E. Political Will of the Community**

Cambria residents are very knowledgeable about the extreme wild fire hazard potential impacts as the iconic Monterey Pines the community is famous for die off. Long term residents and many of the CCSD staff vividly recall the flooding events of 1995 and 2005. Work by the Fire Safe Focus Group has increased the familiarity with the concept of hazard mitigation as the recent fuel reduction projects have been well publicized. For these reason, the community fully supports hazard mitigation strategies and is open to implementing changes that will make their community and its residents safer.

### **F. Physical Assets**

Cambria has little first responder support due to its isolate location. North of the CCSD boundaries there are no emergency first responders to provide aid except for the CAL FIRE station, staffed with one Engine, located in northern Cambria. Emergency, mutual aid, first responders from the East would come from Paso Robles and Templeton a 40+ minute response which could be interrupted by damage to Hwy. 46 West. Emergency first responders from the South would come from Cayucos, Morro Bay, and Los Osos and be 20+ minutes away. These are all small communities and may well be overwhelmed with their own local emergencies.

Ambulance resources in the County of San Luis Obispo are stretched thin, and may be unable to provide timely EMS transport response to Cambria due to local emergencies. The current CCHD Ambulance station is not located close to where the highest call volume occurs. The station is old/outdated and located in a flood and fire prone area, and is susceptible to mudslides.



## Local Hazard Mitigation Plan for Cambria CSD

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### **Fire Department**

Fire prevention and suppression services are provided by the Cambria Fire Department (CBR), a fire and emergency service organization, under the jurisdiction of the District. The Department provides fire suppression, emergency medical care, hazardous materials emergency intervention and control, water rescue, entrapment extrication, fire safety inspections of businesses, vacant lots and wildland areas, public fire safety education, fire investigation, and disaster management and planning. The Department sponsors a robust Community Emergency Response Team (CERT).

### **Department Vehicles**

- 2 Type 1 Engines
- 1 Type 3 Water Tender
- 1 Command Vehicles
- 2 Utility Pick-ups
- 2 Rescue Boats
- 3 CERT Trailers

### **Water and Wastewater Vehicles**

A full service water and waste water systems are in place. The mission of the Cambria Water Department is to provide high-quality water to the citizens of Cambria in a safe, environmentally sensitive and economical manner.

- 1 Vactor/Pump Unit
- 1 Dump Truck
- 9 Pickup Trucks
- 1 Step Van



## **Local Hazard Mitigation Plan for Cambria CSD**

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### **Law Enforcement - SLO County Sheriff's Department**

The District does not provide law enforcement services; it is provide by the County. The Sheriff's Department has the capability to provide the necessary resources to assist the District in attaining mitigation goals.

### **Emergency Medical Services Transport**

The District does provide Advanced Life Support, (Paramedic) level service delivered from first responding engine company personnel, however Paramedic Ambulance transportation is provided by the CCHD.

### **Automatic Aid Agreement**

The District has an automatic aid agreement with CAL FIRE/SLO County Fire which staffs a year round station located at 6126 Coventry Lane within the District. The station is equipped with 2 fire engines and a rescue squad.



## Local Hazard Mitigation Plan for Cambria CSD

### VIII. MITIGATION STRATEGY

#### A. DMA 2000 Requirements

<b>DMA Requirement §201.6(c)(3)(i):</b>	The hazard mitigation strategy shall include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.
<b>DMA Requirement §201.6(c)(3)(ii):</b>	The mitigation strategy shall include a section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

#### B. Goals, Objectives and Mitigation Actions

<b>Goal 1</b>	<b>Promote understanding and support for hazard mitigation by key stakeholders and the public within the Community of Cambria.</b>
Objective 1	Educate key stakeholders and the public to increase awareness of hazards and opportunities for mitigating hazards.
Mitigation Action 1.A	Through newsletters, advertisements, speaking engagements and other public contacts, continue to educate the general public and key stakeholders on the issues, responsibilities, and current efforts and successes in the area of disaster preparedness as they impact the community.
Mitigation Action 1.B	Utilize the District, the Cambria CERT Team and the Cambria Fire Safe focus group social media venues to inform the public of hazard mitigation efforts, disaster preparedness messages, and emergency situation information.
<b>Goal 2</b>	<b>Ensure that future development is protected from natural disasters.</b>
Objective 2	Limit new development in hazardous areas. As permissible, link the CSD Buildout Reduction Program to eliminate potentially threatened building sites. Build to standards that will prevent or reduce damage from naturally occurring events.





## Local Hazard Mitigation Plan for Cambria CSD

Mitigation Action 2.A	Educate the planning staff, administrative staff and elected officials on the importance of keeping current on trends and developments in disaster preparedness.
Mitigation Action 2.B	Encourage planning and administrative staffs to attend seminars and lectures on naturally occurring hazards so that they may better assist the governing bodies as they process future development.
Mitigation Action 2.C	In order to better protect life and property, continue to develop a more accurate and comprehensive series of maps and data sets that pertain to the District's earthquake, wildfire, tsunami and flood threats.
<b>Goal 3</b>	<b>Build and support local capacity and commitment to minimize the District's vulnerability to potential naturally occurring hazards.</b>
Objective 3.1	Improve existing capabilities of the CCSD staff to manage emergency situations.
Objective 3.2	Enhance the safety of CCSD residents and staff.
Objective 3.3	Improve the Districts communication systems so that in the event of a major emergency it will continue to operate effectively (redundancy and standby power).
Objective 3.4	Support the ARES/RACES communication system in the District Emergency Operations Center.
Objective 3.5	Maintain current fire department staffing levels as afforded by the SAFER grant currently in place.
Mitigation Action 3.1A	Develop a Continuity of Operations Plan (COOP) for the District and train all essential staff on their roles and responsibilities as delineated in the Plan.
Mitigation Action 3.1B	Update the existing District Operations Plans and supporting documents to ensure coordination with the County DOC/Emergency Plans and SOP's.
Mitigation Action 3.1C	Train all District department managers and key staff members on their roles and responsibilities in emergency management and the District EOC as outlined in independent study courses FEMA/National Incident Management System - ICS 100, 700, and 800.



## Local Hazard Mitigation Plan for Cambria CSD

Mitigation Action 3.1D	Continue to train all District first responders to the FEMA/National Incident Management System ICS 100, 200, 300, 700, and 800 levels.
Mitigation Action 3.1E	Develop an SOP, specific to each department, for guidance on response and coordination to major emergency events.
Mitigation Action 3.1F	Working with SLO County OES, increase participation by District staff members in disaster drills put on by the County.
Mitigation Action 3.1G	Review the current configuration of the District DOC at the fire station and make improvements as needed.
Mitigation Action 3.1H	Study ways to improve the existing automatic aid and mutual aid agreements with CAL FIRE and neighboring first responders.
Mitigation Action 3.2A	Continue to Support the development of the Community Emergency Response Team (CERT). Through newsletters, advertisements, speaking engagements and other public contacts, encourage the general public to take the basic CERT training.
Mitigation Action 3.2B	Train CERT team members in a Fire Watch program when a Red Flag warning is issued by the National Weather Service.
Mitigation Action 3.2C	In order to ensure that employees are available to assist during a major emergency, have all CCSD departments adopt a Family Support Plan. (Note: A model plan is available through SLO County OES.)
Mitigation Action 3.2D	Support the efforts of the CCSD utilities division to better protect public health by initiating a Watershed Survey.
Mitigation Action 3.2E	Increase the water storage of the District to ensure service for both fire protection and domestic consumption.
Mitigation Action 3.2F	Improve the “purple pipe” recycled water system along Moonstone Drive so that it may be utilized for fire protection.
Mitigation Action 3.2G	Make improvements to wastewater collection systems by replacing or relining collection pipes so as to reduce sewer overflows and limit inflow and infiltration subsequently reducing the public health threat.



## Local Hazard Mitigation Plan for Cambria CSD

Mitigation Action 3.2H	Develop a program that would, in emergency situations, enable the District to share water with the San Simeon CSD through inter-connections.
Mitigation Action 3.2I	Perform seismic safety studies on the District's critical public safety facilities.
Mitigation Action 3.3A	Develop a Master Plan for the District's communications systems.
Mitigation Action 3.3B	Update the District's radio system as outlined in the Communications Master Plan.
Mitigation Action 3.4A	Obtain and install another radio repeater, purchase additional radios support materials, and provide a standby power source, for the amateur radio group (ARES/RACES) to facilitate communications throughout the District.
Mitigation Action 3.5A	Study and pursue funding sources to staff the fire department to a level of 4 firefighters 24 hrs. X 365 days.
Mitigation Action 3.5B	Promote firefighter training and involvement in the California Mutual Aid System as single resources. (Note: Potential funding source for fire department staffing.)
<b>Goal 4</b>	<b>Minimize the level of damage and losses to people, existing and future critical facilities and infrastructure due to flooding.</b>
Objective 4.1	Enhance the ability of community assets, particularly critical facilities, located in the 100-year floodplain to handle existing and projected flood levels.
Mitigation Action 4.1A	Maintain compliance with the National Flood Insurance Program (NFIP) requirements.
Mitigation Action 4.1B	Through Development Review process, restrict construction of essential service facilities in the 100-year flood plain.
Mitigation Action 4.1C	Continue to work cooperatively with the county, state, and federal flood related agencies for funding improvements through grant and agency programs



## Local Hazard Mitigation Plan for Cambria CSD

Mitigation Action 4.1D	Improve the drainage through the West Village through a combination of vegetation management and storm drain improvements along Highway 1 - East side.
Mitigation Action 4.1E	Automate the large flood pump at the North end of the West Village.
Mitigation Action 4.1F	Improve the storm drain collector behind the Shell gas station at North end of the West Village so that it no longer clogs/overflows.
Mitigation Action 4.1G	Continue water rescue training for all first responders.
Mitigation Action 4.1H	Write a grant to fund the purchase of a Personal Water Craft with rescue sled and related safety equipment and subsequently train first responders in its use.
Mitigation Action 4.1I	Purchase an inflatable rescue boat with motor to replace an existing unit that has reached the end of its recommended service life.
<b>Goal 5</b>	<b>Minimize the level of damage and losses to people, existing and future critical facilities and infrastructure due to wildland fires.</b>
Objective 5.1	Continue the comprehensive approach to reducing the level of damage and losses due to wildland fires through vegetation management, code enforcement, GIS mapping, and planning processes.
Objective 5.2	Enhance the ability of CCSD administration and first responders to manage the impacts of a significant wildfire.
Objective 5.3	Improve forest health in order to minimize the impact of wildland fire.
Mitigation Action 5.1A	Prevent wildfires through code enforcement efforts by working with Engine Company Captains to increase the education and enforcement of California Health & Safety Code Section 14875 and International Property Maintenance Code Section 302, in collaboration with the CAL FIRE enforcement of Public Resource Code 4291.





## Local Hazard Mitigation Plan for Cambria CSD

Mitigation Action 5.1B	In order to assist fire prevention efforts and to better manage large fires when they occur, continue to improve GIS mapping and tracking efforts by gathering and maintaining relevant GIS data layers and imagery and utilizing the best available mapping applications and software.
Mitigation Action 5.1C	Collaborate with property owners and regulatory agencies in order to utilize prescribed fire on private and state owned lands in the County areas that surround the District.
Mitigation Action 5.1D	<p>Work with the CCSD, Fire Safe Council, Green Space, Cambria Focus Group, and the Cambria Forest Committee to reduce the wildfire threat by:</p> <ul style="list-style-type: none"> <li>• Supporting the ongoing aggressive efforts to reduce the fuel load problem through a variety of methods such as chipping, forest remulching, salvage logging, and hand clearing.</li> <li>• Assisting in identifying and prioritizing treatment areas.</li> <li>• Investigating additional funding sources for fuel reduction and forest management projects.</li> <li>• Updating the Community Wildfire Protection Plans (Both District and County).</li> <li>• Enhancing collaboration amongst all fire agencies and stakeholders</li> <li>• Support the development of a biomass cogen plant.</li> </ul>
Mitigation Action 5.2A	Obtain through Fire Safe Council grant funds, a large portable water tank to improve water supply and storage for wildland firefighting. (FOL-DA-TANK style)
Mitigation Action 5.2B	Replace an existing Type 3 Water Tender which has reached the end of its service life. (Note: Unit may also provide a funding source when utilized in the CA mutual aid system)
Mitigation Action 5.2C	Purchase a Type 6 Fire Engine (Brush Unit) so as better provide initial response to wildfires in the District. (Note: Unit may also provide a funding source when utilized in the CA mutual aid system)
Mitigation Action 5.2D	Work with the District Water Department to improve fire flow, system reliability and redundancy, and improve the existing water supply in the District.
Mitigation Action 5.2E	Protect water conveyance system by reducing fuels adjacent to Covell and Fiscalini Ranch water tanks.



## Local Hazard Mitigation Plan for Cambria CSD

Mitigation Action 5.3A	Implement the Cambria Forest Management Plan and pursue funding to hire a professional Forest Ecologist to manage the forest.
<b>Goal 6</b>	<b>Minimize the level of damage and losses to people, existing and future critical facilities and infrastructure due to geological events (earthquakes and landslides).</b>
Objective 6.1	Continue public education efforts so as to better prepare the citizens of the District from the effects of a significant geological event.
Objective 6.2	Enhance the ability of community assets, particularly critical facilities, to survive the impacts of a significant earthquake.
Objective 6.3	Enhance the ability of CCSD administration and first responders to manage the impacts of a significant earthquake.
Mitigation Action 6.1	Working with SLO County OES, increase the public's awareness and participation in earthquake preparedness activities such as the annual Great California Shake-Out drill.
Mitigation Action 6.2	Continue to support the work of the District in replacing sewer and water lines that are most vulnerable to an earthquake or mudslide.
Mitigation Action 6.3A	Train Fire Department staff in the California State Fire Marshal's Rescue System 1 and 2 programs.
Mitigation Action 6.3B	Purchase a heavy rescue cache/trailer for earthquake preparedness (tools, equipment, and supplies).
Mitigation Action 6.3C	Annually send two District management employees (non-fire) to the California Specialized Training Institute (CSTI) Introduction to Earthquake Management Course.
<b>Goal 7</b>	<b>Limit risk to, and impacts from hazardous materials spills, intentional discharges, illegal disposals, transportation accidents, or system failures.</b>
Objective 7.1	Continue efforts to manage the use, sale, distribution and disposal of hazardous materials in the District.



## Local Hazard Mitigation Plan for Cambria CSD

Objective 7.2	Improve emergency response efforts in the control and clean-up of accidental spills and releases.
Mitigation Action 7.1A	Educate community members on the dangers associated with household hazardous materials including proper storage techniques.
Mitigation Action 7.1B	Continue efforts to educate applicable employees on the handling, use, storage and disposal of hazardous materials utilized in the workplace.
Mitigation Action 7.2A	Train four first responder to the Haz Mat Technician Level (CSTI)
<b>Goal 8</b>	<b>Minimize the level of damage and losses to people, existing and future critical facilities and infrastructure due to a tsunami event.</b>
Objective 8.1	Continue public education efforts so as to better prepare the citizens and visitors of the District from the effects of a significant tsunami event.
Objective 8.2	Enhance the ability of community assets, particularly critical facilities, to survive the impacts of a significant tsunami event.
Mitigation Action 8.1A	Continue working with the Cambria Tourism Board in the distribution of the existing tsunami public education pamphlet to the motel visitors along Moonstone drive.
Mitigation Action 8.2A	Working with SLO County OES, and the California Coastal Commission post evacuation route signage along Moonstone Drive, Windsor and Fiscalini Ranch areas.



## Local Hazard Mitigation Plan for Cambria CSD

### C. How Mitigation Goals Address Existing and New Buildings and Infrastructure

#### Existing Buildings and Infrastructure:

MITIGATION GOALS	EXISTING BUILDINGS AND INFRASTRUCTURE					
	Electrical and Power Infrastructure	Water and Wastewater Management	Communication Facilities	Critical Roads and Bridges	Essential Service Facilities	Public Structures
<b>Goal 1-General Mitigation:</b> Promote understanding of hazard mitigation	X	X	X	X	X	X
<b>Goal 2-General Mitigation:</b> Protect future development.	X	X	X	X	X	X
<b>Goal 3-General Mitigation:</b> Build local capacity and commitment.	X	X	X	X	X	X
<b>Goal 4-Flood:</b> Minimize damage due to flooding.	X	X		X	X	X
<b>Goal 5-Wildfire:</b> Minimize the level of damage and losses due to wildfires.	X	X	X		X	X
<b>Goal 6-Earthquake:</b> Minimize the level of damage and losses to due to geological events.	X	X	X	X	X	X
<b>Goal 7 –Hazardous Materials:</b> Limit risk from hazardous materials spills.		X				
<b>Goal 8-Tsunami:</b> Minimize damage and loss of life from a tsunami event.	X	X		X	X	X





## Local Hazard Mitigation Plan for Cambria CSD

### New Buildings and Infrastructure:

MITIGATION GOALS	NEW PROJECTS/BUILDINGS AND INFRASTRUCTURE					
	Residential Subdivisions	Various mixed use projects (residential and commercial)	Ag Clusters (residential, open space, and Ag uses)	Commercial and Industrial Projects	Essential Service Facilities	Public Structures
<b>Goal 1-General Mitigation:</b> Promote understanding of hazard mitigation	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Goal 2-General Mitigation:</b> Protect future development.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Goal 3-General Mitigation:</b> Build local capacity and commitment.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Goal 4-Flood:</b> Minimize damage due to flooding.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Goal 5-Wildfire:</b> Minimize the level of damage and losses due to wildfires.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Goal 6-Earthquake:</b> Minimize the level of damage and losses to due to geological events.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>



## Local Hazard Mitigation Plan for Cambria CSD

<b>Goal 7 – Hazardous Materials:</b> Limit risk from hazardous materials spills.	X	X	X	X	X	X
<b>Goal 8- Tsunami:</b> Minimize damage and loss of life from a tsunami event.	X	X	X	X	X	X



## Local Hazard Mitigation Plan for Cambria CSD

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### IX. MITIGATION ACTION IMPLEMENTATION

#### A. DMA 2000 Requirements:

<b>DMA Requirement §201.6(c)(4)(i):</b>	The plan maintenance process shall include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.
<b>DMA Requirement §201.6(c)(4)(ii):</b>	The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans. when appropriate.
<b>DMA Requirement §201.6(c)(3)(iii):</b>	The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.
<b>DMA Requirement §201.6(c)(3)(iv)</b>	For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

#### B. Prioritization of Mitigation Actions

The Mitigation actions were prioritized using a system which is outlined below. This system factored in the following components: 1)Probability of Occurrence, 2) Effectiveness of Mitigation Actions, 3)Practicality of mitigation action for the jurisdiction based on the STAPLE+E criteria of Social, Technical, Administrative, Political, Legal, Economic and Environmental components. This gave rise to the development of an overall relative risk value that resulted in ratings of HIGH, MEDIUM and LOW for each of the mitigation actions. The resultant prioritization was presented to key stakeholders and lengthy discussions were held to ensure that the results were indeed applicable to the priorities and capabilities of the jurisdictions’ served.



## Local Hazard Mitigation Plan for Cambria CSD

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### Sample Mitigation Action Prioritization Worksheet

Mitigation Action	Probability of Associated Threat Occurrence Low=1 Med.=2 High=3	Effectiveness of Mitigation Action Minimal=1 Moderate=2 High=3	Practicality (based on STAPLE+E criteria) Low=1 Medium=2 High=3	Relative Risk (Product of Risk Components)
1.A	3	2	3	18

In assessing and evaluating each strategy, the following factors were considered:

- The benefit justified the cost
- The availability of financial resources
- The availability of staff resources
- Impact on participating jurisdiction functions
- Strategies reflect the goals and objectives

### C. Action Plan

Once the LHMP has received formal adoption by the Cambria Community Services District Board of Directors, the State Hazard Mitigation Office and FEMA, the following action plan, agreed upon by Hazard Mitigation Planning Group, will be utilized to ensure the Plan is implemented and remains an active and relevant document. Actual implementation may be dependent upon funding availability.



## Local Hazard Mitigation Plan for Cambria CSD

### ACTION PLAN FOR 2017 MITIGATION ACTIONS

MITIGATION ACTION		IMPLEMENTATION STRATEGY			
ID	DESCRIPTION	RESPONSIBLE DEPARTMENT	FUNDING SOURCES	COMPLETION DATE	PRIORITY
1.A	Educate public and Stakeholders about opportunities for mitigating hazards	Fire Department - Lead All Support	None Required	Ongoing	Medium
1.B	Utilize Social Media to promote disaster preparedness developments	Fire Department - Lead All support	None Required	Ongoing	Low
2.A	Continuing Education Of Elected Officials	Fire Department - Lead All support	None Required	Ongoing	Medium
2.B	Continuing Education Of CCSD Staff	Administration- Lead All support	General Funds	Ongoing	Medium
2.C	Improve GIS Capabilities	Administration- Lead All support	General Funds	Ongoing	Medium
3.1A	Develop Continuity of Operations Plan	Fire Department - Lead All support	General Funds	Ongoing	High
3.1B	Update Emergency Operations Plans	Fire Department- Lead All support	None Required	01/01/18	Medium
3.1C	DOC Roles and Responsibility training - All Staff	Fire Department - Lead All support	None Required	Ongoing	High
3.1D	DOC Roles and Responsibility training - Fire Depart.	Fire Department	None Required	Ongoing	High
3.1E	SOP Development (Emergency Response)	All Departments Fire Department support	None Required	01/01/18	High





## Local Hazard Mitigation Plan for Cambria CSD

3.1F	Disaster Drills	All Departments	None Required	On Going - 1 Each Year	Medium
3.1G	DOC Improvements	Fire Department	General Funds	01/01/18	Medium
3.1H	Mutual/Auto Aid	Fire Department	None Required	01/01/18	Low
3.1I	Adopt Family Support Plan	All Departments OES support	None Required	06/01/18	Low
3.2A	Support CERT development	Fire Department Admin support	None Required	Ongoing	Medium
3.2B	CERT Fire Watch	Fire Department	None Required	07/01/17	High
3.2C	Adopt Family Support Plan	All Departments Fire Support	None Required	01/01/14	Medium
3.2D	Initiate Watershed Sanitary Survey	Wastewater	General Fund and Grants	07/01/17	Medium
3.2E	Water Storage	Water	General Fund and Grants	Ongoing	Medium
3.2F	Fire Flow Improvements "Purple Pipe"	Water and Fire Department	General Fund and Grants	Ongoing	Low
3.2G	Wastewater System Improvements	Wastewater	General Fund and Grants	Ongoing	Medium
3.2H	Program for sharing water resources through interconnections	Water - Administration Support	Grants and General Funds	01/01/18	Medium
3.2I	Seismic Safety Studies	Administration/ Fire Department	Grants and General Funds	01/01/20	High
3.3A	Master Plan - Communications System	Admin. - Fire Dept. Support	Grants and General Funds	09/01/17	Medium
3.3B	Radio System Improvements	Admin. - Fire Dept. Support	Grants and General Funds	07/01/18	Medium



## Local Hazard Mitigation Plan for Cambria CSD

3.4	ARES/RACES Communication Systems	Fire Department	Grants and General Funds	07/01/18	Medium
3.5A	Fire Department Staffing	Fire Department Admin support	Grants and General Funds	07/01/17	High
3.5B	Fire Department Training	Fire Department	None Required	07/01/17	High
4.A	NFIP	SLO County	None Required	Ongoing	Low
4.B	Development in Flood Plain	SLO County	None Required	Ongoing	Low
4.C	Flood Improvements	Administration - All support	Grants and General Funds	Ongoing	High
4.D	Water Shed Study	Wastewater	Grants and General Funds	10/01/18	Medium
4.E	West Village Flooding	SLO County	Grants and General Funds	10/01/17	High
4.F	Water Rescue Training	Fire Department	Grants and General Funds	Ongoing	Medium
4.G	Water Rescue Equipment	Fire Department	Grants and General Funds	10/01/17	Medium
4.H	Water Rescue Boat	Fire Department	Grants and General Funds	10/01/17	Medium
5.1A	Code Enforcement	Fire Department	None Required	On Going	High
5.1B	GIS - Fire/Fuels Management	Fire Department SLO County Fire support	None Required	On Going	High
5.1C	Prescribed Fire	Fire Department	None Required	On Going	High
5.1D	Fuel Reduction Efforts	Fire Department	None Required	On Going	High



## Local Hazard Mitigation Plan for Cambria CSD

5.2A	Fire Water Portable Tank	Fire Department	Fire Safe Grant	7/01/17	High
5.2B	Type 1 Water Tender	Fire Department	Grant	7/01/18	High
5.2C	Type 6 Fire Truck	Fire Department	Grant	7/01/18	High
5.2D	Improve Fire Flow	Fire Department	Grant and General Funds	On Going	High
5.2E	Protect Water Tanks Covell - Fiscalini	Fire Department	Fire Safe Grant	7/01/17	High
5.3A	Forest Management Plan	Administration	Grant and General Fund	6/01/17	High
6.1	Increase Public Awareness	Fire Department All Support	None Required	Ongoing	Medium
6.2	Vulnerable Asset Protection	Wastewater and Water	General Fund	Ongoing	Medium
6.3A	Heavy Rescue Training	Fire Department	Grant	On Going	Medium
6.3B	Heavy Rescue Equipment	Fire Department	Grant	01/01/19	Medium
6.3C	CSTI - Earthquake Management Course	Wastewater, Water and Administration	CSTI Grant	On Going, 2 each year	Medium
7.1A	Haz Mat Public Awareness	Fire Department SLO County OES	None Required	On Going	Medium
7.1B	Haz Mat-CCSD Staff Awareness	Fire Department SLO County OES	None Required	On Going	Medium
7.2	Haz Mat Training	Fire Department	CSTI Grant	On Going - 2 Each Year	High
8.1A	Tsunami Warning - Evacuation Signs	Fire Department SLO County OES	Grant	01/01/19	Medium
8.1B	Public Awareness - Tsunami Threat	Fire Department & Tourism Board	None Required	On Going	Medium



## Local Hazard Mitigation Plan for Cambria CSD

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### D. Implementation Through Existing Plans and Programs

San Luis Obispo County currently uses comprehensive land use planning, and building codes to guide and control development within the District. This LHMP will be provided to those responsible for the County's General Plan development mechanisms to ensure that consistency is maintained. The same holds true whenever substantive changes are made.

The District has a number of policies and procedures, purchasing guidelines, and capital improvement procedures currently in place. The Mitigation Actions outlined in this LHMP will be incorporated into those documents under the direction of the General Manager of the District.

Mitigation Actions have been assigned to a number of specific individuals, departments and County jurisdictions. These individual actions will fall under the general administrative oversight of the governing body. Should technical expertise not be available in these individuals or departments, the County Office of Emergency Services is committed to, when possible, coordinating the resources of the County to assist with implementation of the mitigation actions.

The general administrative oversight of this LHMP rests with the CCSD General Manager.

### E. Continued Public Involvement

Cambria Community Services District understands the importance of involving the public in the ongoing Hazard Mitigation Plan review and updating process. Resultantly, the following actions will be taken:

- The CCSD website will announce the fact that a Local Hazard Mitigation Plan is available for viewing.
- A Hard copy will be available at the CCSD office for public viewing as requested.



## Local Hazard Mitigation Plan for Cambria CSD

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### F. Plan Monitoring, Evaluating and Updating

**DMA Requirement §201.6(d)(3):** A local jurisdiction must review and revise its plan to reflect changes in development, progress in local mitigation efforts, and changes in priorities, and resubmit if for approval within 5 years in order to continue to be eligible for mitigation project grant funding.

In order to continue to be an effective representation of Cambria Community Services District overall strategy for reducing its risks from natural hazards, the mitigation plan must reflect current conditions. Monitoring and evaluating the plan will occur annually to make certain that the goals and objectives for the community and participating jurisdictions are current and mitigation activities are being carried out.

To ensure that regular review and update of this Local Hazard Mitigation Plan takes place, the Cambria Community Services District will communicate with the LHMP Planning Group members annually to see if their plan components are up-to-date and meet current realities.

The LHMP Planning Group will review each goal and objective to evaluate its:

- Relevance to current and evolving situations in Cambria
- Consistency with changes in local, state and federal policy

The planning group will review the risk assessment component of the plan to ascertain if the information needs to be updated or modified. They will report on the:

- Current status of their mitigation actions
- How coordination efforts are proceeding
- Implementation processes that worked well
- Any difficulties encountered
- Any strategies in need of revision

If the plan review leads the Hazard Mitigation Planning Group to determine that modifications are necessary, then the CCSD can initiate a plan amendment.





## Local Hazard Mitigation Plan for Cambria CSD

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### ATTACHMENT A: ACRONYMS

<b>Acronym</b>	<b>Definition</b>
CGS	California Geological Survey
Cal EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CAL FIRE	California Department of Forestry and Fire Protection
CCHD	Cambria Community Healthcare District
CCSD	Cambria Community Services District
CDF	California Department of Forestry and Fire Protection
CDHS	California Department of Health Services
CERT	Community Emergency Response Team
CFR	Code of Federal Regulations
CGS	California Geological Survey
CISN	California Integrated Seismic Network
CSSC	California Seismic Safety Commission
DFG	State Department of Fish and Game
DHS	Department of Homeland Security
DWR	Department of Water Resources
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FMA	Flood Mitigation Assistance
FMP	Floodplain Management Plan
FRAP	Fire and Resource Assessment Program
GIS	Geographic Information System
HMGP	Hazard Mitigation Grant Program
LHMP	Local Hazard Mitigation Plan
NFIP	National Flood Insurance Program
NOAA	National Oceanic and Atmospheric Administration
NPS	National Park Services
OES	Governor's Office of Emergency Services
SEMS	Standardized Emergency Management System
SFHA	Special Flood Hazard Area
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
WWTP	Wastewater Treatment Plant



## Local Hazard Mitigation Plan for Cambria CSD

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### ATTACHMENT B: PRELIMINARY NOTICE TO NEIGHBORING JURISDICTIONS

November 1, 2016

Dear Neighboring Jurisdiction:

The Cambria Community Service District will be constructing a Local Hazard Mitigation Plan in order to uncover effective ways to reduce the jurisdiction's vulnerability to naturally occurring hazards. A Hazard Mitigation Planning Group has been formed comprised of community stakeholders. We will be holding a kick-off meeting on Monday, November 14<sup>th</sup> at the Cambria Fire Station at 2850 Burton Drive in Cambria. We invite you to attend this meeting and participate in this process.

For more information and comments please contact the District's consultant for the project, Bob Neumann at 805-441-5469 or via email at bob@cafive.com.

Thank You,

Robert F Neumann and Sheri Eibschutz

***Category Five Professional Consultants, Inc***



## Local Hazard Mitigation Plan for Cambria CSD

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*Both the preliminary notice in Attachment B above and the Public Forum notice in Attachment C below were sent to the following neighboring agencies:*

Ms. Renee Osborne  
Administrator, San Simeon CSD  
111 Pico Avenue  
San Simeon, CA 93452

Ms. Mary Levkoff  
Director, Hearst Castle Museum  
750 Hearst Castle Road  
San Simeon, CA 93452-9741

Mr. Robert Baird  
Forest Supervisor - Los Padres National Forest  
6750 Navigator Way, Suite 150  
Goleta, CA 93117

Mr. Ron Alsop - Emergency Services Manager  
SLO County Office of Emergency Services  
1055 Monterey St. Suite D430  
San Luis Obispo CA 93408



## Local Hazard Mitigation Plan for Cambria CSD

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### ATTACHMENT C: PUBLIC FORUM NOTICE TO NEIGHBORING JURISDICTIONS

February 20, 2017

Dear San Simeon Community Services District:

The Cambria Community Service District has joined a nationwide effort to find effective ways to reduce its vulnerability to naturally occurring hazards. In doing so, the District has just completed a Local Hazard Mitigation Plan. An Administrative Draft is now posted on the District's website for review by the general public and neighboring agencies. This can be found at [www.cambriacsd.org](http://www.cambriacsd.org).

On March 2 at 4 PM, a Public Forum will be held at the Cambria Veterans Hall at 1000 Main Street. At the forum, an overview of the Hazard Mitigation Plan will be presented along with the proposed mitigation goals, objectives and actions that are outlined in the plan. The public will have an opportunity to comment on the proposed plan. As a neighboring agency, we also invite your review and comments on this important emergency planning tool for the District.

For more information and comments please contact the District's consultant for the project, Bob Neumann at 805-441-5469 or via email at [bob@cafive.com](mailto:bob@cafive.com).

Thank You,

Robert F. Neumann

***Category Five Professional Consultants, Inc.***



## Local Hazard Mitigation Plan for Cambria CSD

### ATTACHMENT D: PRESS RELEASE TO GENERAL PUBLIC

*The following notices were published in the Cambrian newspaper on February 22 and on March 1, 2017.*

#### THE CAMBRIAN

FEBRUARY 22, 2017 8:48 AM

# Cambria forum on Local Hazard Mitigation Plan set for March 2

BY KATHE TANNER

[ktanner@thetribunenews.com](mailto:ktanner@thetribunenews.com)

Cambrians can learn more Thursday, March 2, about their community's hazards and what officials and individuals should be doing now to help mitigate or eliminate disasters later.

Consultants for the [Cambria Community Services District](#) will hold a public forum at 4 p.m. March 2 at the Veterans Memorial Building, 1000 Main St., on the district's draft Local Hazard Mitigation Plan.

The plan's goal is to reduce the community's risk to naturally occurring disasters. The forum's goal is to explain the document and get the public's thoughts and questions about it. People will be able to comment on the report through March 22.





## Local Hazard Mitigation Plan for Cambria CSD

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Once the plan is complete and approved by a variety of agencies, the plan will enable the services district to apply for and potentially receive federal mitigation funds after such disasters, or in some cases, before the disasters strike.

The detailed report of more than 120 pages was prepared by [Category Five Professional Consultants](#). They described the community, profiled hazards, assessed vulnerabilities and mitigation strategies, listed which agencies have jurisdiction over what, and described how mitigations could be implemented ahead of time.

In the end, they acknowledge, how much gets done when is up to how much money is available and the political will of the people.

A draft copy of the plan is to be posted soon at [www.cambriacsd.org](http://www.cambriacsd.org). For questions and or comments call fire Chief William Hollingsworth at 805-927-6240, or email the consultants at: [bob@cafive.com](mailto:bob@cafive.com).

MARCH 1, 2017 10:19 AM



## Local Hazard Mitigation Plan for Cambria CSD

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# Local Hazard Mitigation Plan meeting slated

BY KATHE TANNER

[ktanner@thetribunenews.com](mailto:ktanner@thetribunenews.com)

Consultants will present at 4 p.m. Thursday, March 2, the draft version of a plan to help mitigate or eliminate natural disasters in the future. The meeting will be at the Veterans Memorial Building, 1000 Main St.

Some federal funds are only available to communities that have an approved plan for mitigating hazards. Bob Neumann and Sheri Eibschutz of [Category Five Professional Consultants](#) prepared the [Cambria Community Services District's](#) draft Local Hazard Mitigation Plan. They'll explain the concepts in the document and then take public comments.

They're to fold those observations into the plan before presenting the final version to the district board.

Once the plan is complete and approved by a variety of agencies, the document will enable the services district to apply for and potentially receive federal mitigation funds after disasters. In some cases, the district may be able to apply for funds to mitigate the problem areas before a disaster strikes.

A draft copy of the plan can be found at [www.cambriacsd.org](http://www.cambriacsd.org). For questions and or comments, call fire Chief William Hollingsworth at 805-927-6240 or email the consultants at [bob@cafive.com](mailto:bob@cafive.com).

## CAMBRIA COMMUNITY SERVICES DISTRICT

TO: Board of Directors

AGENDA NO. **7.B.**

FROM: Jerry Gruber, General Manager

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Meeting Date: March 23, 2017      Subject: DISCUSSION AND CONSIDERATION  
OF LIFTING STAGE 3 WATER  
SHORTAGE EMERGENCY  
AND IMPOSING STAGE 2 WATER  
SHORTAGE CONDITION

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**RECOMMENDATIONS:**

Staff recommends that the Board of Directors discuss and consider whether it is appropriate to lift the Stage 3 Water Shortage Emergency, and, in accordance with the motion at the February 2017 Board meeting, consider a Stage 2 Water Shortage Emergency condition. A resolution rescinding the Stage 3 Water Shortage Emergency condition is included for the Board's consideration. If the Board wishes to consider adopting a Stage 2 Water Shortage Emergency condition, staff requests that it provide direction regarding appropriate regulations and restrictions to be included therein, so that a resolution can be developed and brought back for the Board to consider at its next regular meeting.

**FISCAL IMPACT:**

The fiscal impact relating to lifting the Stage 3 Water Emergency will be directly proportional to the amount of water used by CCSD customers. Staff will monitor usage of water by CCSD customers and report to the CCSD Board of Directors periodically.

**BACKGROUND:**

At its February, 2017 Board meeting, staff was directed to bring back an item to discuss lifting the Stage 3 Water Emergency. As the Board is aware, the weather pattern has significantly shifted this year, and persistent atmospheric rivers resulted in the Central Coast experiencing heavy rainfall. The aquifers are currently full, as further witnessed by both creeks having blown through their sandbars, flowing into the ocean.

Based on present conditions, there is no technical reason to continue with the Stage 3 Water Shortage Declaration. However, if it is the Board's decision to lift or suspend the Stage 3 Water Shortage Emergency, it should be kept in mind that the CCSD's ability to operate the Sustainable Water Facility under the Emergency Permit issued by San Luis Obispo County is only during a declared Stage 3 Water Shortage Emergency. In that respect the Permit states the following:

This emergency permit is valid until such time that the CCSD-declared Stage 3 Water Shortage Emergency has ended, or the project has been authorized to continue to serve existing development through approval of a regular Coastal Development Permit, whichever is sooner. While processing the regular Coastal Development Permit, the emergency water facility may only be re-activated and utilized to produce water in the event of the occurrence of another Stage 3 Water Shortage Emergency and only after the CCSD has issued a formal declaration of the existence of such a Stage 3 Water Shortage Emergency. It is the intent of this

condition, while processing the regular Coastal Development Permit, to enable use of the emergency water facility to produce water for existing development in Cambria during the existence of a declared Stage 3 Water Shortage Emergency, since the community historically experiences severe periodic droughts.

The motion at the February meeting to consider lifting the Stage 3 Water Shortage Emergency also included that the Board would consider implementing a Stage 2 water emergency. It should be noted that the provisions for Stages 1, 2 and 3 water shortage emergencies are found in Chapter 4.12 of the CCSD Municipal Code. Those provisions have not technically been the basis for declaring water shortage emergencies in Cambria, since Chapter 4.12 and its provisions rely upon the use of an outdated water supply and demand model. Instead, the District has used provisions in State law (Water Code Section 350 et seq. and Water Code Section 375 et seq.) to implement restrictions during water shortage emergencies. Use of “Stage 3” in the current Water Shortage Emergency was based upon the fact that Stage 3 denotes the most serious water supply situation warranting the imposition of severe restrictions and regulations.

The following is provided to assist the Board to the extent it wants to consider utilizing an approach similar to a Stage 2 water shortage condition contained in the CCSD Municipal Code.

CCSD Municipal Code Section 4.12.040 provides that “It is the purpose of a Stage 2 water conservation program—Water shortage condition, set forth in Appendix 4.12B, to reduce consumption by fifteen (15) percent.” Section 4.12.040 also states the following:

- A. Implementation Criteria. The district will utilize the water supply and demand model as needed to forecast water supply availability. A water shortage condition may be declared and the Stage 2 water conservation program may be placed into effect using the procedures set forth in Section 4.12.060, under any of the following circumstances:
  1. If, at any time, results of the water supply and demand model indicate groundwater levels will be insufficient to meet ninety-three (93) percent of the ordinary demands and requirements of the water consumers; or
  2. If, at any time, water delivery capabilities are impaired such that the water supply or delivery system is incapable of meeting ninety-three (93) percent of the ordinary demands and requirements of the water consumers.

Appendix 4.12B includes the following:

#### Appendix 4.12B - STAGE 2 WATER CONSERVATION PROGRAM—WATER SHORTAGE CONDITION

##### A. Maximum Water Use Allotment.

1. Public Uses. The district will meet with all school districts, public park agencies, and all other public agencies to establish appropriate agreements to reduce water consumption. The objective of such agreements shall be to eliminate irrigation of decorative landscape and reduce irrigation of turf and

play areas to the minimum levels necessary to protect the health and safety of school children and park visitors.

2. Commercial Uses. The maximum monthly water use allotment for all commercial uses shall be the lower of five units per EDU assigned by the district, or actual average monthly water usage as measured during the twelve (12) months preceding implementation of a Stage 2 water conservation program. In the event a commercial use has not previously had an EDU allocation determined, the general manager shall determine and assign the EDU allocation according to the criteria provided in Title 8 of this code, as subsequently amended or replaced.
3. Residential Uses. A maximum monthly use limit of three units per permanent resident is established for separately metered individual residential dwellings and for each separate residence within residential uses with two or more residential dwellings on the same meter (e.g., apartments and mobile homes). Each residential customer account is allotted three units per month. Customers may request an increase in the allotment of units by completing a permanent resident certification form provided by the district. The breakdown by household size is as follows:

Household Size	Units/Month
1 permanent resident	3 Units
Each additional permanent resident	3 Units each

- B. Water Use Restrictions. Only native plants or drought tolerant landscaping may be installed when a water shortage condition has been declared and the Stage 2 water conservation program is in effect.
- C. Monitoring. The general manager shall monitor those water accounts above and/or near the maximum water use allotment. The general manager shall have those meters read on a monthly or more frequent basis and shall issue notices, warnings or violation notices to those customers exceeding the established allotment.
- D. Public Information. The general manager shall provide notice to all water customers regarding the board of director's declaration of a water shortage condition and activation of the Stage 2 water conservation program. Such notice shall be mailed within fourteen (14) days of the board's action. The general manager is authorized and directed to pursue a vigorous public information program about water supply conditions and the need to reduce water consumption. This shall be by announcements in local newspapers and other news media, by mailings to customers, by handouts and by such other means deemed appropriate by the general manager.
- E. Violations.



1. Surcharges. A surcharge will be levied on all water use in excess of the maximum water use allotment. The first violation of the maximum water use allotment shall be subject to a five hundred (500) percent surcharge levied on all usage above the customer's monthly unit allotment. All subsequent violations of the maximum water use allotment shall be subject to a one thousand (1,000) percent surcharge levied on all usage above the customer's monthly unit allotment. A delinquent bill shall be increased by penalty of ten (10) percent of the amount of delinquency. If not paid within ten (10) days after receipt of notice of delinquency, service may be disconnected.
2. Referral to District Attorney. The district reserves the right to enforce repeated violations of the Stage 2 water conservation program as misdemeanors. Such cases may be referred to the San Luis Obispo County District Attorney under Water Code Section 377, and are punishable by imprisonment in county jail for not more than thirty (30) days, or by fine not exceeding one thousand dollars (\$1,000.00), or by both

#### F. Exceptions.

1. The general manager may, in his or her discretion, grant exceptions to the terms of this chapter not already provided for, if he or she finds and determines that:
  - a. Restrictions herein would cause an undue hardship or emergency condition; or
  - b. That the granting of the exception will not adversely affect the water supply or service to other existing water consumers.

Such exceptions may be granted only upon application in writing. Applications for exceptions from maximum commercial use allotments must be accompanied by a water conservation plan which identifies specific conservation measures to be implemented according to a detailed implementation schedule. Upon granting any such exception, the general manager may impose any conditions he or she determines to be just and proper. The terms of any exception shall be set forth in writing, the original to be kept on file with the district, and a copy to be furnished to the applicant. All exceptions granted shall be reported to the board of directors at a regularly scheduled meeting.

2. An applicant for an exception under this section may appeal the general manager's decision to the board of directors. A request for appeal must be submitted to the district in writing not more than ten (10) days after the general manager's decision. The board of directors shall consider the appeal within thirty (30) days of the request for appeal.

The foregoing CCSD Municipal Code provisions make reference to triggering conditions for a Stage 2 Water Shortage Emergency when groundwater levels or water delivery capability

become insufficient or impaired to the extent that the District cannot meet ninety-three (93) percent of the demands and requirements of the water consumers. However, since the District uses the provisions of Water Code Section 350 et seq. and Water Code Section 375 et seq. as the basis for implementing restrictions due to the CCSD's water availability situation, it is not required to use the ninety-three percent criteria for imposing the restrictions and regulations. This is because even if the Board determines that the Stage 3 restrictions should be modified or rescinded, the CCSD still has in place its 2001 Declaration of a Water Code Section 350 Water Shortage Emergency Condition, and can impose restrictions and regulations pursuant to the authority in Water Code Section 353. Accordingly, it is recommended that the Board of Directors consider what, if any, additional regulations or restrictions should be put in place at this time based upon our current water supply, and provide any necessary direction so that a resolution can be developed and brought back for the Board to consider at the next meeting.

Attachment: Resolution No. 12-2017 - A Resolution Rescinding the Declaration of a Stage 3 Water Shortage Emergency Condition and Related Water Conservation Measures and Restrictions on the Use of Potable Water

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BOARD ACTION: Date \_\_\_\_\_ Approved: \_\_\_\_\_ Denied: \_\_\_\_\_

UNANIMOUS \_\_\_ RICE \_\_\_ SANDERS \_\_\_ THOMPSON: \_\_\_ BAHRINGER \_\_\_ FARMER

RESOLUTION NO. 12-2017  
March 23, 2017

A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CAMBRIA COMMUNITY SERVICES DISTRICT  
RESCINDING THE DECLARATION OF A STAGE 3 WATER SHORTAGE  
EMERGENCY CONDITION AND RELATED WATER CONSERVATION  
MEASURES AND RESTRICTIONS ON THE USE OF POTABLE WATER

WHEREAS, after holding a duly noticed public hearing on January 30, 2014, the Board of Directors declared a Stage 3 Water Shortage Emergency condition and adopted enhanced water conservation measures and restrictions on the use of potable water, which restrictions were subsequently modified by the Board of Directors as the severe drought worsened; and

WHEREAS, the declaration of a Stage 3 Water Shortage Emergency condition was adopted based upon concerns that the domestic water supply for the Cambria Community Services District could be insufficient for human consumption, sanitation and fire protection, based upon the continued lack of precipitation and the water levels in the aquifers that provide the domestic water supply for the community; and

WHEREAS, the weather pattern in Cambria has significantly shifted and persistent atmospheric rivers have been deluging the Central Coast with heavy rainfall and Cambria has received above average rainfall; and

WHEREAS, the shallow aquifers are now full and both the Santa Rosa and San Simeon Creeks are flowing into the ocean.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the Board of Directors of the Cambria Community Services District as follows:

1. Based upon the existing water supply conditions, as described above, the Board of Directors hereby rescinds the previously declared Stage 3 Water Shortage Emergency condition.
2. Resolution No. 04-2016, entitled "A Resolution of the Board of Directors of the Cambria Community Services District Amending Revised Enhanced Water Conservation Measures, Restrictions on the Use of Potable Water, and Maximum Water Allotments," is hereby repealed in its entirety.

3. Nothing herein shall be deemed to limit the Board's ability to declare another Stage 3 Water Shortage Emergency, depending on water supply conditions.

PASSED AND ADOPTED THIS 23<sup>rd</sup> day of March, 2017.

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Amanda Rice  
President, Board of Directors

ATTEST:

APPROVED AS TO FORM:

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Monique Madrid  
District Clerk

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Timothy J. Carmel  
District Counsel