



RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Monday, August 14, 2023 - 2:00 PM
1000 Main Street Cambria, CA 93428

AGENDA

In person at:
Cambria Veterans' Memorial Hall
1000 Main Street, Cambria, CA 93428

AND via Zoom at:

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Copies of the staff reports or other documentation relating to each item of business referred to on the agenda are on file in the CCSD Administration Office, available for public inspection during District business hours. The agenda and agenda packets are also available on the CCSD website at <https://www.cambriacsd.org/>. In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting or if you need the agenda or other documents in the agenda packet provided in an alternative format, contact the Confidential Administrative Assistant at 805-927-6223 at least 48 hours before the meeting to ensure that reasonable arrangements can be made. The Confidential Administrative Assistant will answer any questions regarding the agenda.

1. OPENING

- A. CALL TO ORDER
- B. ESTABLISH QUORUM
- C. CHAIRMAN'S REPORT
- D. COMMITTEE MEMBER COMMUNICATIONS

Any Committee Member may make an announcement, report briefly on his or her activities, or ask a question for clarification.

- E. DISTRICT ENGINEER REPORT

2. PUBLIC COMMENT

Members of the public may now address the Committee on any item of interest within the jurisdiction of the Committee but not on its agenda today. Future agenda items can be suggested at this time. In compliance with the Brown Act, the Committee cannot discuss or act on items not on the agenda. Each speaker has up to three minutes.

3. CONSENT AGENDA

- A. Consideration to Approve the July 10, 2023 Regular Meeting Minutes

4. REGULAR BUSINESS

- A. Receive Update on the PG&E SST WWTP Projects
- B. Receive Update on Vegetation Removal at Van Gordon Creek for Flood Control
- C. Discussion of Final Ad Hoc Committee Report on Climate Change and Approve Recommendation to Forward the Climate Change Ad Hoc Report to the Board of Directors

5. FUTURE AGENDA ITEMS

6. ADJOURN

District Engineer's Project Summary Table

Project	Description	Status
Coastal Development Permit for the Water Reclamation Facility	Land Use Application DRC2013-00112 for the regular permitting of the Water Reclamation Facility.	District and County staff met to discuss the need to extend the schedule due to the inclusion of Instream Flow Study Task 1 results and the Section 7 consultation. County staff acknowledges and will continue to work with the District. Revisions to the project description are in process – use for existing customers and repurposing of former brine storage pond. Anticipate Board consideration and approval in September.
Instream Flow Study Task 1	Study of the Lower San Simeon Watershed from Palmer Flats to the lagoon. Follows the California Department of Fish and Wildlife's methodology to establish instream flow needs for critical species and habitat.	The Technical Advisory Committee met to review the Draft IFS on 03/02/2023. IFS documents are now available at www.cambriacsd.org/instream-flow-study Additional scope to include Van Gordon Creek analysis and agricultural pumping from our percolation ponds was requested.
Instream Flow Study Task 2	Completion of the Annual Adaptive Management Plan report and supporting groundwater modeling and monitoring.	The 2022 draft AMP Annual Report can be read at www.cambriacsd.org/instream-flow-study 2023 monitoring continues, and additional modeling is in progress to better define lagoon level thresholds and triggers for AMP.
Endangered Species Act Section 7 Consultation	Federal consultation process to ensure that WRF project activities are not likely to jeopardize the continued existence of listed species or destroy or adversely modify designated critical habitats. Includes permitting assistance, reporting, and technical support.	Data from Instream Flow Study Task 1 is being considered to inform this Consultation. This effort is on hold until the additional scope of work for the Instream Flow Study is completed.
San Simeon Well Field (SSWF) Transmission Main Project	Developing a permanent repair of the San Simeon Water Main. This project will also include solutions for the parallel Sewer Effluent Main.	R&I Committee approved to award the engineering and permitting efforts to Cannon Engineering at the June 26 th special meeting. The Board approved their professional services agreement at the August 10 meeting.

Water Meter Replacement Project – AMI	Upgrades system to Advanced Metering Infrastructure (AMI) with new meters and real-time water analytics.	Staff and legal counsel are reviewing the contracting approach. Staff presented a sole source approach to the Board at the August 10 ^h meeting.
EV Charging Station	Installation and operation of two EV charging stations at the Vets Hall.	Efforts to engage the County to move this station are in process. The possibilities of contracting with a project manager to do the design and permitting were discussed.
Cambria Skatepark Project	Design and construction of a new skatepark facility at the old skatepark location on Main St across from the Vets Hall.	The Board approved commencing the permitting process during the Nov 17 th meeting. The application package was submitted to the County on Nov 28. The Board approved staff to apply for the LWCF grant in the May 25, 2023, special meeting. Staff were notified that this permit application is complete and is in the discretionary review process, which requires the review and approval of the Administrative Hearing Officer, the Subdivision Review Board, the Planning Commission, or the Board of Supervisors.
Community Park Restroom	Design and construction of a restroom facility located near the Dog Park on the Fiscalini Ranch Preserve.	Generating building specifications to respond to the County comments. Resubmittal to address comments is anticipated by August 2023
Pilot project for Zero Liquid Discharge for Brine in WRF	Pilot study project to test innovative technology for brine reduction with the goal of zero liquid discharge	Next phase is the Piloting agreement. Global Water Innovations is working through the process with the granting agencies. National Alliance for Water Innovations (NAWI) has approved the statement of project objectives. The project has now gone to the Dept of Energy for their review. The piloting agreement would follow afterward.
Stuart Street Tank Project	Critical water infrastructure project to rebuild the Stuart Street tanks, which have reached their useful operational life	Our EPA representative acknowledged receipt of our submitted NEPA CATEX form (the Federal version of a categorical exemption), which is under review. Staff have engaged geotechnical and design consultants to prepare plans and specifications to construct tanks to meet the current building codes.

Coastal Commission Notice of Violation	Coastal Commission issued a Notice of Violation on 4/19/22 regarding CCSD's intent to serve letters, water service to Tract 1804, and alleged violations of existing water extractions.	<i>No change from last month.</i> Staff submitted a formal response to the Commission and is awaiting the next steps. A follow-up communication was sent to Commission staff on June 20, 2022. The General manager met with the Coastal Commission informally to discuss the CCSD's response; no formal response from the Coastal Commission has been received.
COVID-19 Wastewater Surveillance	The District introduced COVID-19 wastewater surveillance to the County in March 2020. Participating in the Centers for Disease Control (CDC) National Wastewater Surveillance System (NWSS) sponsored program till summer 2023. No cost to the District.	Monitoring ongoing.

RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Monday, July 10, 2023 - 2:00 PM
1000 Main Street Cambria, CA 93428

MINUTES**1. OPENING****A. CALL TO ORDER**

Chairperson Dean called the meeting to order at 2:00 pm.

B. ESTABLISH QUORUM

A quorum was established.

Committee members present: Karen Dean, Juli Amodei, James Webb, Derrik Williams, and Steve Siebuhr. Committee member Meeks arrived at 2:02

Staff present: General Manager Matthew McElhenie, Utilities Department Manager/District Engineer Ray Dienzo, and Administrative Analyst Haley Dodson.

Attendees present: Director Harry Farmer, community members Allan Dean and Chris Siebuhr.

C. CHAIRPERSON REPORT

No Report.

D. AD HOC SUBCOMMITTEE REPORTS

Committee Member Williams provided an update on the brine waste disposal ad hoc committee. The committee met with Mr. Dienzo and developed a list of brine disposal options. Mr. Williams distributed the list of 8 waste disposal options that are being considered for the final report. The list is posted on the CCSD website.

Committee Member Webb provided a report on the Water Supply and Storage ad hoc committee. Mr. Webb focused on three possible sources of water: a regional wastewater treatment plant, a regional desalination plant, and reducing water loss (i.e. water that is pumped into the system but not billed).

Committee Member Meeks reported out the Climate Change Policy ad hoc committee has an upcoming meeting with Supervisor Gibson to look at how the County and the local policies can work together. Mr. Meeks identified specific points that could be included in the climate change policy.

Public Comment

Mr. Dennis Dudzik stated that the need for an expanded water supply is urgent. He would like the Water Supply and Storage ad hoc committee to carefully review the text of the CDP modifications, and to collaborate with lot owners to develop more water.

E. COMMITTEE MEMBER COMMUNICATIONS

Committee Member Webb provided an update on nominating protected coastal areas to the IUCN green list. The submission to the IUCN should happen by August..

Committee Member Williams reported on a water law and legislation forum he attended in Sacramento.

F. DISTRICT ENGINEER REPORT

Mr. Dienzo highlighted various items in the Engineers Report

- CCSD now has all the information needed from the consultant for the East Ranch bathroom. The permit application will be submitted to the County late July or early August
- The Annual Water Supply and Demand Assessment was submitted in late June
- Cambria's Covid-19 wastewater surveillance will be ending in July.
- More information was requested on the skate park grant by the granter.

2. PUBLIC COMMENT

Mr. Dennis Dudzik would like the CCSD, and the water supply ad hoc committee be prepared to apply for funding should the 2024 Climate Resiliency and Flood Protection Bond be approved.

Written comments were received from:

- Linda Prentiss
- Dolores Miera
- Dennis Dudzik

3. CONSENT AGENDA

- A. Consideration to Approve the May 24, 2023 and June 26, 2023 Special Meeting Minutes and June 12, 2023 Regular Meeting Minutes.

May 24 minutes

Committee Member Webb moved approve the minutes.

Committee Member Amodei seconded the motion.

The motion was approved: 5-Ayes; 0-Nays; 0-Abstain

June 12 minutes

Committee Member Webb moved approve the minutes.

Committee Member Amodei seconded the motion.

The motion was approved: 5-Ayes; 0-Nays; 0-Abstain

June 26th minutes

Committee Member Williams read a written correction to the Minutes supplied by Mr. Swartz.

Committee Member Meeks noted his comment that Cannon Engineering should consider slip lining and that is not shown in the minutes.

Committee Member Webb moved approve the minutes with corrections as discussed.

Committee Member Amodei seconded the motion.

The motion was approved: 5-Ayes; 0-Nays; 0-Abstain

4. REGULAR BUSINESS

- A. Recommendation to Proceed with Procurement by Non-Competitive Proposal Pursuant to CCSD Policy 2135 and Select Badger as the Sole Source for Advanced Metering Infrastructure Upgrade

Mr. Dienzo provided a presentation regarding the meter upgrade program. The Non-Competitive Proposal is from Badger, who is the current supplier of meters, endpoints (electronics), and software. Updates and improvements are necessary because the endpoints have reached their useful life.

Committee member Williams moved to forward the non-compete proposal to the Board of Directors

Committee member Webb seconded the motion.

The motion was approved: 5-Ayes; 0-Nays; 0-Abstain

- B. Update on Stuart Street Tanks Project

Mr. Dienzo presented data on the Stuart Street Tanks project. Engineering would like to perform seismic and foundation evaluations and asses soil conditions, should a new foundation be needed for the tanks. Funds for this work are already encumbered.

5. FUTURE AGENDA ITEMS

Chairperson Dean asked for any future agenda items. None suggested.

6. ADJOURN

Chairperson Dean adjourned the meeting at 3:31 pm.

Date: August 14, 2023

To: CCSD Board

From: R&I Ad Hoc Climate Change Committee

Subject: Climate Change Policy Recommendations

SUMMARY:

In response to the draft Climate Change Policy document dated December 27, 2021, R&I Committee Chair Karen Dean requested volunteers to form an Ad Hoc sub-committee to make recommendations to the Board for adoption or revisions for a proposed CCSD policy on Climate Change. Juli Amodei and Mark Meeks accepted the request.

ACTIONS

1. After a few meetings the committee resolved that there was not enough current information on the specific sources of pollution within Cambria and an environmental study would be helpful if not essential in:
 - Identifying and measuring sources of air pollution /GHG (Green House Gases)
 - Electrical use.
 - Recommend means of monitoring such sources.
2. Through research, the committee was able to identify a state funded grant program for climate change Climate Adaption and Resiliency Planning. At the time of discovery, the deadline for applying was a mere three weeks away. The committee decided to request a application anyway and was allowed to submit. The grant was written and submitted with letters of recommendation from County supervisor Bruce Gibson, Cambria Chamber of Commerce, and a budget proposal from an environmental engineering firm. After passing the first round of elimination Cambria's grant request was denied in what was termed a "very competitive turn out." We were encouraged, however by an offer by the Governor's Office of Planning and Resources to participate in a round two of funding that will take place early next year, and an offer to consult with us in our effort going forward.
3. The committee requested and held a meeting with District Supervisor Bruce Gibson to further discover what existing programs or funding opportunities might be available. Supervisor Gibson gave a list of organizations that we might contact they are:
 - Tri-County Regional Network
 - 3-CE
 - CSDA
 - SLO County Planning
 - SLO County Public works

The Supervisor also related that SLO County has done little to implement "Climate Change" policies or programs after they completed a 2012 Climate Action Plan (CAP). He stated that SLO County was not required, and funds were not available. And basically, related that Cambria was free to obtain our own funding from external sources.

4. Reviewed several cities published Climate Action Plans and attended a zoom meeting with:
 - City of San Luis Obispo
 - City of Santa Barbara
 - City of Santa Cruise
 - Monterey County
 - City of Watsonville

At least one committee member concluded that: 1.) Climate Action Plans, in general, tend to be very similar when pointing to sources of GHG emissions. 2.) Smaller communities have limited abilities to attract funding and, are very challenged to “move the Needle” in terms of mitigating climate change.

RECOMMENDATIONS

- Follow up on applying for the State grant offering early next year.
- Hire a Professional Grant writer. Funding is essential to make changes.
- Focus on city improvements that can be attributed to Climate Change and continue to apply for Grants to accomplish these goals.
- Most Green House Gasses (CO2 emissions) are identified in all the CAP’s that we have seen. Look at ways to reduce vehicle traffic, particularly from tourism.
- Expand and promote Cambria’s Community Bus to include, Perhaps, daily transport to Morro Bay, SLO and Paso Robles.

Submitted by R&I Ad Hoc Committee on Climate Change, Juli Amodei and Mark Meeks

The County of San Luis Obispo EnergyWise Plan is posted on the district’s website at the link below.

<https://www.cambriacsd.org/2023-08-14-resources-infrastructure-committee-meeting>

December 27, 2021

Climate Change Policy XXXX.XX

As of May 2021, the scientific community is in agreement that we are now in a climate emergency. The latest reports on sea rise from the California Coastal Commission explain the alarming encroaching tide line which will challenge all coastal communities. The CCSO recognizes that this and other threatening conditions for the planet and our local environment are part of the climate emergency. The district understands its responsibility for environmental stewardship while providing water and sewer service to meet the needs of the community's residents and guests.

The District is committed to meeting water needs with production, storage, and efficient equipment for energy reduction practices throughout the system, which may result in lowering costs.

The District has already implemented several actions regarding in response to being environmentally conscious.

Paper products – Now conforming to the latest California regulations on recycled use

Waste recycling – all office waste is separated out for proper recycle disposal

Electrical demands – electrical upgrades to the waste treatment plant are underway

Going forward the District will adopt the following policies continuing to reduce our electrical consumption, Carbon emissions, waste generation and disposal:

.1 Office buildings, water treatment plants equipment and tertiary systems:

The District will give priority to renewable power for these locations/applications.

.2 Motor pool and transportation vehicles:

Electric and hybrid vehicle purchase and leasing will be implemented as equipment is replaced.

This will include truck and other specialty vehicular needs as new products become available.

For 24/7 on-call employees who live outside of Cambria, district electric vehicles should be used for home transportation.

.3 Water use:

In addition to relieving water shortages, efficient use of water reduces production energy consumption. All public restrooms will have water-saving fixtures and systems installed. The District will hold inspections and maintain records for required water-saving fixtures on new homes, remodels, commercial motels, hotels, bed and breakfast, vacation rental- by-owner properties. The District will continue encouraging personal water saving systems for existing homes/remodels and other business applications.

.4 Waste product reduction:

Containers will be placed in all workspaces for office waste recycle. All products used for upkeep and servicing of vehicles and other equipment will be disposed of per state regulations.

.5 Purchasing:

An impact component will be included on all purchase requisitions. For example "paper cups for the coffee station instead of Styrofoam," or "meeting snacks to include beverages in cans/bottles rather than plastic."

.6 Forest Management:

Maintaining and improving forest carbon sequestration requires regular assessment of the health and safety of district forestlands. Working regularly with arborists and forest committees will minimize threatening conditions of fire and disease. Where possible the District will work with the appropriate agencies to improve ordinances for remodeling upgrades to harden structures for fire resistance.

.7 Lighting;

The District will support the Dark Skies Initiative guidelines for all lighting fixtures under its control to reduce energy consumption while continuing to provide adequate illumination coverage for safety.

Considerations (not be included in the policy per se):

The District, similar to the county efforts, should look into not only solar passive, but also new vertical tulip-style wind generators that produce power for periods beyond daylight alone.

Currently, electric vehicles present higher up-front costs. However, when fuel costs and servicing savings are figured in, the cost-per-mile is very close to internal combustion vehicles. Electric vehicles will become far less expensive in the future when battery tech scales up. Electric vehicles have far fewer moving parts and will be cheaper to build very soon.

The district will evaluate what type of uses can be handled by electric vehicles VS large fuel consuming trucks. For on call employees who live out of town, district electric vehicles should be used for home transportation so that trucks, if required, can be picked up in the District yard, reducing fuel cost and vehicle upkeep.

Public restrooms should become waterless as soon as possible.

I'm sure Dark Skies Initiative supporters will be glad to provide additional environmental rationale beyond CO2 reduction for lighting considerations.