

Narrative Proposal

Beverage Container Recycling Grant Program

Fiscal Years 2022–23 and 2023–24

RBC34 and RBC35

Introduction

This **Narrative Proposal is a required application document** used to describe the details of your proposed project. The response size for each section is limited to 2,500 characters, and they cannot be expanded. Please ensure your narrative responses are concise, detailed, clear and most importantly, address each of the questions below. A minimum score of 39 points out of a possible 63 points must be obtained in order to be considered for funding. Utilizing a document form other than this official CalRecycle version, tampering with this CalRecycle version, or otherwise circumventing imposed character limits will subject the applicant to disqualification from the Beverage Container Recycling Grant Program.

You may upload additional documents/attachments **to support your responses** to the questions. Please label the document/attachment to identify the content, and choose **Other** as the Document type. Examples include resumes, land use permit, bids, quotes, or estimates, Mandatory Commercial Recycling plan, etc.

For more information, see the Application Guidelines and Instructions and the [Scoring Criteria for Beverage Container Recycling Grant for FYs 2022–23 and 2023–24](#). They can be found in the Summary Tab of your application in the Resource Documents section.

After you complete this document, save it to your computer and upload it to the Documents Tab of your application.

Applicant Name: Chabot College

Eligible projects must be an ongoing collection program and may be at the locations listed below.

Please identify your proposed project below:

- Multi-family residential dwellings (five units or more)
- Public colleges/universities, non-profit colleges/universities, and public K-12 school districts
- Curbside Residential Program locations (excluding single stream)
- Parks/recreational areas
- Community events including, but not limited to, those sponsored by local jurisdiction
- Water Refill Stations, the installation, or replacement of infrastructure, plumbing, maintenance, additional attachments or modifications
- Other (describe)

Each response will be scored on a scale of 0–3 points:

- 0 points – Inadequate
- 1 point – Barely Adequate
- 2 points – Adequate
- 3 points – Excellent or Outstanding

Proposed Project Description and Goals (24 Points)

Note: Scores in this section will be multiplied by two, for a maximum score of 24.

Description

The responses must explain how the proposed project provides convenient beverage container recycling opportunities in California.

1. Describe the proposed beverage container recycling project in detail (i.e., water refill stations, litter abatement and cleanup projects along the United States and Mexico border, etc.). **Note:** Out of State beverage containers collected as part of the litter abatement and cleanup projects cannot be funded under this grant program.

Chabot College is proposing the implementation of 20 new water refill stations across its campus. Currently, only 10 out of the 42 buildings on campus have water refill stations. Chabot would like to purchase the water refill stations that indicate how many 20-ounce plastic bottles have been diverted from the landfill through its lifetime in order for accurate data collection and to encourage usage. By installing 20 more water refill stations across campus, Chabot has the potential to divert thousands of single-use plastic bottles from the landfill. Since most of the campus community owns reusable water bottles, many Chabot students, staff, and faculty have expressed interest in increasing the amount of water refill stations on campus. Installing 20 more water refill stations across campus will ensure that most of the campus buildings will have a refill station or be in close proximity to a refill station. Chabot will install the 20 water refill stations in high-traffic buildings across campus. 2 of the water refill stations will hopefully be installed outside near the campus sporting facilities, so our athletics teams can utilize them for practices and games. Instead of offering single-use water bottles at the concession stand for sports events, people can bring their own bottles and fill up at the water refill stations. Chabot has a detailed campus map on its webpage, and once the water refill stations are installed, a map of where each station is located will go on the map. Signage and fliers will be created to advertise to the campus community about the location of the water refill stations. One student intern will be hired for each academic semester during the grant implementation period to educate the campus community about recycling and the importance of zero waste. The interns will also: a) conduct campus outreach, so everyone knows about the newly implemented water refill stations; and b) host educational workshops for the campus community.

2. Identify the target audience and geographic area where activities will take place.

The target audience will be the 14,000 students, staff and faculty on the Chabot College campus. Chabot is located in Hayward, California. All of the water refill stations will be installed throughout Chabot's 94 acre campus. Chabot College is one of the most diverse community colleges in the nation. 84% of the student population are students of color and nearly 50% are first generation college students. In addition, 75% of the student population is low income, and many students live in neighborhoods that bear an unfair weight of the Climate Crisis and environmental pollution.

3. Identify any participating governmental agencies, businesses, and organizations that will actively help complete the proposed project. Describe their role, or describe why the project doesn't require a partner.

The water refill stations will be purchased from a reputable vendor. Some of the vendors we have

researched include Elkay and Global Industrial. An outside plumbing contractor will be hired to install the water refill stations throughout Chabot's campus. No government agencies or other businesses will be involved in the proposed project. Chabot will reach out to vendors to get quotes and bids for the water refill stations and the plumbing services during the first progress report phase from April 2023 to June 2023. Chabot has partnered with a reputable local plumbing company in the past to implement 10 water refill stations on campus. The quote from that company was used to mock up a budget for the implementation of 20 more water refill stations.

4. Describe project goals and objectives and whether the goals and objectives will be accomplished before the grant term ends. (Must be clear, quantifiable, measurable, and realistic, while supporting the grant focus).

In September 2022, the first draft of Chabot's new Climate Action Plan was prepared and presented to campus leadership. One of the main goals of this new plan is to ban single-use plastics on campus and to become a zero waste campus. In order to achieve this goal, students will need access to more water-refill stations. Currently, there is a single water refill station in only ten of Chabot's forty-two buildings. By implementing more water refill stations throughout our campus, our goal is to be one step closer to achieving zero waste. Throughout the project implementation, our goal is to divert thousands of water bottles from the landfill. Even after the grant term ends, the water refill stations will continue to be utilized by the 14,000 students, staff, and faculty who come to campus every year.

Need (12 Points)

Grant funds are not available to determine whether a need exists. Lack of an existing beverage container recycling program does not necessarily imply that a critical need exists. Include supporting documentation showing that the targeted area has a critical need for a beverage container recycling program.

1. Describe the existing beverage container recycling program and program history for the area or population focused on or served. Include materials currently accepted, operating days, program strengths and weaknesses. If no existing program, describe why there is no program.

Currently, Chabot has 10 water refill stations scattered throughout campus. Out of our 42 buildings across 94 acres, that is not very many refill stations. In addition, 75% of Chabot's student population is low-income. Having to purchase single-use plastic drinks every time a student wants a bottle of water is inequitable. By implementing 20 more water refill stations across campus, Chabot can provide free, safe drinking water to our students and close that equity gap. Students will also not be as inconvenienced when trying to find a refill station and more likely to utilize the refill stations if they are more accessible.

One of the places on campus that Chabot would like to install a water refill station is by the concessions stand by the sports complexes. Doing this would help eliminate the need for selling single-use plastic bottles at concessions during sports games and give student athletes the opportunities to refill their water bottles. Other refill stations will be placed in high-traffic buildings across campus.

2. Describe the program's gaps and barriers that explain why project funding is needed. This includes how the project supports compliance with the AB 341 Mandatory Commercial Recycling requirements, if applicable. An example of a project that supports compliance with the AB 341 requirement may include a beverage container infrastructure project in a multi-family residential dwelling.

Chabot is looking to be a leader amongst community colleges and improve upon its waste systems. This is evident in Chabot's partnering with nonprofit Post Landfill Action Network (PLAN) to strategize ways that the college can decrease its waste. Chabot has also partnered with reusable container company Encora to launch a pilot program in January 2023 that will displace all single-use clamshell containers from the campus dining facility. One of the major barriers we have to decreasing our waste output is the small amount of water refill stations we have on campus. Chabot is a huge campus, spanning 94 acres, and it currently only has 10 water refill stations. Increasing the amount of water refill stations on campus will help Chabot achieve the waste reductions goals the college has been striving for.

3. Include the current California Redemption Value (CRV) volumes collected, and estimate the number of CRV containers to be recycled because of this project. Include any projected change(s) in subsequent years.

Chabot currently has a single stream recycling service. Chabot's waste hauler reports on the tonnage of recyclable materials that they collect each month from our bins. Around 10% of what they collect is recycled, according to these reports. By implementing more water refill stations across campus, Chabot will be able to divert thousands of CRV containers from the landfill every year. Our students, staff, and faculty have repeatedly expressed their anticipation for more water refill stations across campus. Because of this, the proposed project will be a huge success and the water refill stations will be heavily used.

4. Explain your beverage container project needs and the project rationale compared to alternative approaches and previous efforts. List and describe any past beverage container grant funded projects.

Chabot College has been working with nonprofit Post Landfill Action Network (PLAN) to strategize ways that the college can decrease its waste. One of the most effective strategies that PLAN has recommended to the college is to implement more water refill stations across campus in order to decrease the use of single-use plastic bottles on campus. Chabot College is also in the process of drafting the update to the college Climate Action Plan. In the Plan, banning campus use of single-use plastics is a high-priority and the implementation of new water refill stations will assist the college in achieving that goal.

Further, in May 2022, Chabot partnered with reusable container company Encora on a \$50,000 grant through StopWaste. We received the grant, and in January 2023 we will launch a pilot program with Encora and our campus dining vendor to eliminate single-use clamshell containers. While the project does not specifically reduce beverage containers from entering the landfill, the program is an example of one of the ways that Chabot is showing its dedication to reducing its waste.

- Upload supporting documentation related to your proposed project, identifying that a critical need exists. This may include letters of support, research results, demonstration(s) of successful pilots, or past phases, etc.

Work Plan (9 Points)

The Work Plan lists the major activities, steps, or tasks necessary to implement the Beverage Container Recycling Grant Project, including start and completion dates.

Answer questions below, and complete the Work Plan document.

1. Outline and describe all eligible grant activities and major tasks necessary to achieve project goals.

During the first phase of the project, from April 1, 2023 to June 30th, 2023, Chabot will get quotes for and order 20 water refill stations. During that time, Chabot will also get bids from outside plumbing contractors for the plumbing and installation of the stations. During the second phase, from July 1, 2023 to September 30, 2023, the water refill stations will begin to be installed throughout campus. Chabot will also hire a zero waste intern to conduct campus education and outreach about the project, recycling, and zero waste for the duration of the Fall 2023 semester. During the third progress report, from October 1, 2023 to December 31, 2023, the water refill stations will continue to be installed throughout campus. During the fourth progress report, from January 1, 2024 to March 31, 2024, the locations of the water refill stations will be added to the campus map on Chabot's website, so the campus community knows where they are located. Data about how many water bottles have been diverted from the landfill will start to be collected from the new water bottle refill stations. Another zero waste intern will be hired for the duration of the Spring 2024 semester, and will continue the duties of the previous zero waste intern. During the fifth progress report, from April 1, 2024 to June 30, 2024, data about how many water bottles have been diverted from the landfill will continue to be collected from the new water bottle refill stations. During the sixth progress report, from July 1, 2024 to September 30, 2024, data about how many water bottles have been diverted from the landfill will continue to be collected from the new water bottle refill stations. Another zero waste intern will be hired for

the duration of the Fall 2024 semester, and will continue the duties of the previous zero waste intern. During the seventh progress report, from October 1, 2024 to December 31, 2024, data about how many water bottles have been diverted from the landfill will continue to be collected from the new water bottle refill stations.

2. Provide a comprehensive work plan for accomplishing the activities, with start and completion dates, and include 12 months of CRV volume collection expectations.

Work Plan document is uploaded.

3. Describe how all parties involved with the proposed project have sufficient staff resources, technical expertise, and experience to successfully complete the project.

Chabot is well-equipped to successfully complete this project. Chabot has experience implementing water refill stations, as the campus implemented 10 of them several years ago through a reputable outside local contractor. The entire campus community is already supportive of the implementation of more water refill stations throughout campus.

Budget (Personnel capped at 25 percent of total grant award) (9 Points)

The Budget includes the total dollar amount in each applicable budget category. The totals for each budget category must match the amounts previously entered in the Budget tab of the application in the Grants Management System (GMS).

Answer the question below and complete the Budget document.

1. Provide a clear accounting of all costs associated with all activities necessary to complete the project in the Budget document.

All line items must be clearly identified, necessary, reasonable, justified, and cost effective.

Budget document is uploaded.

2. Describe the proposed project costs and why they are needed. Costs shall be itemized and be consistent with the activities included in the Work Plan document.

It is estimated that eighteen battery-powered, non-refrigerated indoor water refill stations will cost around \$2,000 each with taxes, totaling \$36,000. Chabot would like to implement two outdoor water refill stations for the athletics department, which cost \$6,200 each and total \$12,400. A quote from the local plumbing company that installed Chabot's 10 water refill stations several years ago states that it cost \$32,000. Adjusting for inflation and additional attachments that may be needed, the estimated cost to install 20 refill stations is \$120,000. Data collection and writing of grant progress reports will be done by The Climate Action Coordinator in collaboration with a member of the Maintenance and Operations team. It was assumed that 60 hours of work would be allocated toward that process. Chabot will hire 3 student interns to conduct education and outreach. Each student will fulfill a commitment of 75 hours at approximately \$15 an hour. Finally, signage and fliers for advertising the program are estimated to cost around \$1,000.

3. Clearly identify all supporting documentation including current estimates, bids, or other costs (e.g., in-kind services and volunteers) to support the requested amount in the Budget document for the purchase of equipment or materials.

Supporting documents such as estimates, bids, or other costs are uploaded.

Disadvantaged Communities/Tribal Entities with Letter of Support (6 Points)

Applicants designated in the top 25 percent of the California Communities Environmental Health Screening Tool 4.0 may qualify as Disadvantaged Communities or Qualifying Tribal Entities residing within the borders California.

1. If your project(s) is located in a disadvantaged community, explain how the project(s) will provide direct, meaningful, and assured benefits to a disadvantaged community and address important community needs. Explain the health, economic and/or social benefits (such as jobs, job training, traffic, circumvention, dust and/or smell mitigation) that will be provided to these communities. Identify adverse impacts on the disadvantaged community and what you will do to mitigate those impacts. Explain how this mitigation will lessen health and safety environmental impacts for disadvantaged communities. Explain how you will engage with the community (where the project(s) are located, as well as the surrounding areas) during the grant application period, grant term, and after the grant closes. Include efforts to engage with the disadvantaged community and encourage participation in your project(s). Use the California Communities Environmental Health Screening Tool [CalEnviroScreen 4.0](https://oehha.ca.gov/calenviroscreen/4.0) (<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>) to identify the disadvantaged community your project would benefit.

Chabot College is located in a service area that is considered a Disadvantaged Community, according to CalEnviroScreen4.0. It is located in Census Tract 6001437200, according to CalEnviroScreen4.0. Chabot College is one of the most diverse community colleges in the nation. 84% of the student population are students of color and nearly 50% are first generation college students. In addition, 75% of the student population is low-income and many students live in neighborhoods that bear an unfair weight of the Climate Crisis and environmental pollution. The EPA's Environmental Screen Report Places Chabot's service area in the top percentiles in the nation in 11 hazardous Environmental Justice Indicators, including: Air Toxics Cancer Risk, Respiratory Hazard Index, Hazardous Waste Proximity, Particulate Matter, and Traffic Proximity and Volume. By increasing the number of water refill stations on campus, Chabot will provide free, fresh drinking water to students. Students, staff and faculty will no longer have to purchase single-use water bottles, which are terrible for the environment and for their health. Implementing these water refill stations will be a step in the right direction, as Chabot College is striving for addressing environmental injustices and shifting our campus toward a culture of sustainability with the drafting of the updated Climate Action Plan. During the grant term, the campus community will be notified of the implementation of the water refill stations through fliers. The shared governance committees of the college, including the Student Senate, the Academic Senate, and the Classified Senate will be notified of the project and will spread the information. Finally, Chabot's campus map will be updated to include the locations of all of the water refill stations.

2. If your project(s) is located in a Disadvantaged Community or Tribal Entity, applicants must provide a Letter of Support from a council member or the community endorsing the project and its benefits to the community.

Letter of Support is uploaded.

Education (Education and Outreach capped at 25 percent of total grant award) (3 Points)

Education and Outreach are activities and/or materials promoting beverage container recycling. They may be included as part of the Mandatory Commercial Recycling (MCR) Plan for local jurisdiction applicants.

Include activities supporting your local jurisdiction's MCR plan, if applicable.

1. Describe the strategies for implementing beverage container recycling education activities to assist in achieving the proposed project goals. Identify the target audience, venue(s), type of media, and tools/resources to implement the planned education activities.

During the grant implementation period, Chabot will hire a student intern at the beginning of the Fall 2023 semester, the Spring 2024 semester, and the Fall 2024 semester. These student interns will serve as Zero Waste Interns and be responsible for educating the campus community on the importance of waste stream diversion. Chabot College already has an established environmental student internship program that has provided internships on topics like zero waste, electric vehicles, climate literacy, and environmental justice. These interns will plan educational events throughout the semester, deliver presentations to classes about recycling and waste stream management, and help advertise for the implementation of the new water refill stations across campus. Each intern will complete 75 hours of work throughout each semester at \$15 an hour. The budget item for this expense is included in the "personnel" tab of the budget sheet, not the "education" tab, but the interns will be responsible for educational activities.



Application Certification

Application Information

Applicant: Chabot-Las Positas Community College District: Chabot College
 Cycle Name: Beverage Container Recycling Grant Program Application Due Date: 10/18/2022
 Cycle Code: RBC34 Secondary Due Date: 11/17/2022
 Grant ID: 25944
 Grant Funds Requested: \$176,375.00
 Matching Funds: \$0.00 (if applicable)

Contacts

Name	Title	Prime	Second	Auth	Cnslt	Prtcpt. Auth
Nicole Albrecht	Grant Writer		X			
Yvonne Wu Craig	Executive Director, Institutional Advanc	X				
Jonah Nicholas	Vice Chancellor, Business Services			X		
Katlin Dickinson	Climate Action Coordinator				X	

Budget

Category Name	Amount
Admin Costs	\$0.00
Education	\$1,000.00
Equipment	\$168,400.00
Personnel	\$6,975.00

Site Information

Name	Type
Chabot College	Other

Documents	Document Title	Received Date
Required		
Application Certification	Application Certification_signed	10/18/2022
Budget	Chabot College Budget	10/18/2022
Narrative Proposal	Chabot College Narrative Proposal	10/18/2022
Work Plan	Chabot College Work Plan	10/18/2022

Required By Secondary Due Date

Resolution/Letter of Commitment

Application Certification

Other Supporting Document(s)

Draft Resolution

CLPCCD Chabot College_Resolution Designating VCBS

11/16/2022

Joint Powers Agreement

Letter of Authorization/Resolution

Letter of Designation

Letter of Support

Resolution

Check the following, as applicable. See Application Guidelines and Instructions for more information and examples.

Applicant acknowledges that its approved Resolution or Letter of Commitment must be uploaded no later than the secondary due date. Applicant further acknowledges that if its Resolution or Letter of Commitment is received after this date, its application will be disqualified.

EPPP

Does your organization and any participants have an Environmentally Preferable Purchasing and Practices (EPPP) Policy?

No, our organization and any participants do not have an EPPP Policy. We acknowledge that our organization and any participants will adopt one by the respective cycle secondary due date or our application will be disqualified.

Program Questions

California Labor Code section 1782 prohibits a charter city from receiving state funding or financial assistance for construction projects if that charter city does not comply with Labor Code sections 1770-1782. If any applicants or participating jurisdictions are charter cities or joint powers authorities that include charter cities, the lead applicant must certify that Labor Code section 1782 does not prohibit any included charter city from receiving state funds for the project described in this application. If it is determined after award that a participating jurisdiction is a charter city prohibited from receiving state funds for this grant project, the grant will be terminated and any disbursed grant funds shall be returned to CalRecycle.

If any applicant or participating jurisdiction is a charter city or a joint powers authority that contains one or more charter cities, does Labor Code section 1782 prohibit those charter cities from receiving state funding for the project described in this grant application? Check the following, as applicable.

Not Applicable. This application does not include any charter cities.

Have you prohibited the siting of a supermarket site?

(Yes) (x No)

Have you caused a supermarket site to close its business?

(Yes) (x No)

Have you adopted a land use policy that restricts or prohibits the siting of a supermarket site within your jurisdiction?

(Yes) (x No)

Application Certification

Conditions and Certification

Condition of Application Submittal: Acceptance of Grant Agreement Provisions

In the event the Applicant is awarded a grant, the submittal of this Application constitutes acceptance of all provisions contained in the Grant Agreement, which may consist of the following:

- Executed Grant Agreement Cover Sheet and any approved amendments
- Exhibit A - Terms and Conditions
- Exhibit B - Procedures and Requirements
- Exhibit C - Application with revisions, if any, and any amendments

Environmental Justice:

In the event Applicant is awarded a grant, submittal of this Application constitutes acceptance of the following; that in the performance of the Grant Agreement, Applicant/Grantee shall conduct their programs, policies, and activities that substantially affect human health or the environment in a manner that ensures the fair treatment of people of all races, cultures, and income levels, including minority populations and low-income populations of the State. (see Govt. Code §65040.12(e) and Pub. Resources Code §71110(a))

Certification:

I declare under penalty of perjury under the laws of the State of California, that funds have been allocated for the project(s)/activities identified in the grant application and that sufficient funds are available to complete the project(s)/activities identified in the grant application, that I have read the Application Guidelines and Instructions and that all information submitted for CalRecycle's consideration for award of grant funds is true and correct to the best of my knowledge, and that on behalf of the Applicant I accept the above conditions of submittal.

X Jonah R. Nicholas
Jonah R. Nicholas (Nov 28, 2022 10:45 CST)

11/28/2022

Signature of Signature Authority (as authorized in Resolution or Letter of Commitment) or Authorized Designee (as authorized in Letter of Designation, submitted with this Application)

Date

Jonah R. Nicholas

Vice Chancellor of Business Services

Print Name

Print Title

IMPORTANT! Applicant must print out this document, have the Signature Authority sign it, upload signed document to the application system, and retain the original hard copy document in your cycle file.

Chabot College_CalRecycle_ApplicationCertification (002)

Final Audit Report

2022-11-28

Created:	2022-11-28
By:	Dawn Neideffer (dneideffer@clpccd.org)
Status:	Signed
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-  Document created by Dawn Neideffer (dneideffer@clpccd.org)
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-  Signer jnicholas@clpccd.org entered name at signing as Jonah R. Nicholas
2022-11-28 - 4:45:25 PM GMT- IP address: 99.83.40.163
-  Document e-signed by Jonah R. Nicholas (jnicholas@clpccd.org)
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