

MWD METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA		
Education Program Submitted Application Cover Sheet		
App Number	Organization	
2500	Los Angeles Community College District	
Submitted By	Submitted Date:	Printed Date
George Leddy	9/1/2016	9/1/2016 2:58:33 PM
Name of Organization		Organization Acronym
Los Angeles Community College District		LACCD
Address	County	Organization Tax Code
District Academic Senate/Sustainability Institute 770 Wilshire Blvd. Los Angeles , CA . 90017	Los Angeles	PA
Web Site	Tax ID Number	
http://laccd.edu/	95-2587353	
Contact Person	Project Title	
George Leddy Curriculum Coordinator Phone:213-949-6550 Fax: EMail:gleddy@mac.com	Water Quality for Environmental Sciences	
Total Metropolitan Funding Request	Project Start Date	Project End Date
\$2,000.00	10/5/2016	
Event Name	Event Date	Event City

Section 1: Organization

Name of Organization:	Los Angeles Community College District
Organization Acronym:	LACCD
Address	District Academic Senate/Sustainability Institute 770 Wilshire Blvd. Los Angeles , CA . 90017
County:	Los Angeles
Organization Tax Code:	PA
Web Site Address:	http://laccd.edu/
Executive Director	
Name	Donald Gauthier
Phone	213-891-2294
Email	GauthiDJ@email.laccd.edu
Tax ID Number:	95-2587353
Contact Person:	George Leddy
Contact's Title:	Curriculum Coordinator
Contact's Phone:	213-949-6550
Contact's Fax:	
Contact's E-Mail Address:	gleddy@mac.com
Background Info	
The Los Angeles Community College District (LACCD) is a nine campus system in Los Angeles that has a student body of 135,000.	
Are you affiliated in any manner with another organization?	
The LACCD is a member of the Southern California Marine Institute, SCMI, to advance the field experience of students in Marine Biology and Oceanography	

Section 2: Member Agency/ Water Supplier

MWD Member Agency:	Los Angeles
Local water supply company:	Los Angeles Dept. of Water and Power
Have you contacted your local MWD member agency?	No
Who is your contact:	
Have you contacted your local water supply company?	No
Who is your contact:	

Section 3: Project/Program Description

Project Title	Water Quality for Environmental Sciences
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Expected Project Start	10/5/2016
Date Funds are Required	10/1/2016

Project and Activity Description	
<p>The funds sought are for the purchase of surface water testing kits and supplementary texts on water quality. Most of these are products sold by Lamotte Inc. through Grainger. The Sustainability Institute (S.I.) of the LACCD will coordinate the efforts of the nine LACCD Colleges in the teaching of surface water quality testing in the LA River basin. The courses to benefit from the supplies fall into the following categories: Environmental Science Environmental Studies Physical Geography Biology Oceanography Chemistry Geographic Information Systems, GIS The supplies purchase will be for surface and tap water test kits, and related reading materials and lab manuals.</p>	
Does this program require any permits?	No
If Yes, from which Entity?	N.A.
Has the permit been granted?	No
If yes, when?	

Event Name	Event Description	Event Date	Event City	Projected Attendance
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Section 4: Funding Sources

Other Funding Sources For The Same Program Or Activity		
Organization Name	Address	Sponsorship Amount
No Other Funding Sources		

Section 5: Budget

		Column A	Column B
1	Administrative	200	200
2	Labor	0	0
3	Materials/Supplies	1800	1800
4	Legal/Lobbying/ Consultant fees	0	Metropolitan does NOT fund legal/lobbying/consulting fees, office space or travel/transportation costs
5	Equipment	0	
6	Office space	0	
7	Travel/Transportation(buses, rental cars)	0	
	Other		
		Program Budget (Applicant)	Funding Request (from MWD)
	Grand Totals	\$2000	\$2000

Section 6: Misc.

Please list the names of any Metropolitan Water District contacts. If you have no contacts, enter NONE.
Kevin McLaughlin was very effective at a Watershed Council event for environmental grants. He encouraged me to follow-up with the MWD because the community program has a strong educational component.
For secondary school and college instructors, what subjects do you teach?
I teach community college courses: Environmental Science and Physical and Human Geography
For Non-Profit organizations and teachers, what is the primary content area and water related focus of your project?
The primary content of the project is to implement a field component to environmental science courses that analyzes surface water quality as it is represented in the LA River watershed. Sampling methods, instrumentation, data gathering and networking are integral to the project.
Who is the intended audience for the project?
Students enrolled in environmental courses at our nine campuses.
What are your desired learning outcomes for students/audience in this project?
Students will learn to use various test kits to identify pollutants in surface water channels. Tap water will be used as a control. Emphasis is placed on urban water quality so the kits test for industrial waste as well as organic waste.
Please explain how your project will actively engage teachers, students and/or community members.
The Sustainability Institute seeks to improve and develop new curriculum choices in our environmental science classes. We have a list of faculty at each campus who have an interest in urban sustainability. Students will get course credit for participating in the tests and the tabulation of data.
Provide examples to illustrate how this project will educate in a unique and creative way.
We will select test sites in the LA River watershed and repeat the tests at these sites over the course of a year and over several years. We will engage with the Watershed Council and share our data with researchers and professionals in the region. This is "hands-on" work that students rarely get an opportunity to explore.
Provide examples to illustrate how this project offers an interdisciplinary approach.
Environmental Science borrows from many disciplines, including chemistry, biology, and ecology. Stream ecology also includes issues such as city planning and local and state regulations on runoff and effluents. Students will receive materials on how the region is structured in municipal and county governments.

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