AGENDA

Environmental Cleanup Allocation Committee

Committee Members
Garry Brown, Chair
Keith Linker, Vice Chair
Matt Collings, Moulton Niguel Water District
Shohreh Dupuis, City of Laguna Beach
Peter Grant, City of Cypress
Tyler Holst, Rancho Mission Viejo
Michael Jones, Santa Ana RWQCB
Danny H. Kim, California State University, Fullerton
Lorrie Lausten, Trabuco Canyon Water District
Erica Ryan, San Diego RWQCB
Hector Salas, Caltrans District 12
Grant Sharp, OC Public Works
Alex Waite, City of Tustin
Dennis Wilberg, City of Mission Viejo

July 13, 2023 10:30 a.m.

Orange County Transportation Authority
550 S. Main Street, Conference Room 09
Orange, California

1. **Welcome**

2. **Approval of January 12, 2023 Meeting Minutes**

3. **New Committee Members**
   Garry Brown, Chair

4. **Tier 1 Programming Recommendations**
   Alison Army, OCTA
   Adrian Salazar, OCTA

   Action Recommendations:
   Concur with the application review committee's recommendation and recommend approval to the Board of Directors to allocate $3,374,083 in Tier 1 Environmental Cleanup Program funding for 10 projects.

5. **Tier 2 Call for Projects Outlook**
   Alison Army, OCTA

6. **Farewell to Jeff Thompson**

7. **Public Comments**

8. **Committee Member Reports**

9. **Next Meeting – November 9, 2023**

Public Comments: The Agenda descriptions are intended to give notice to members of the public of a general summary of items of business to be transacted or discussed. Members from the public wishing to address the Committee will be recognized by the Chairman at the time the Agenda item is to be considered. A speaker's comments shall be limited to three (3) minutes. Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the OCTA at (714) 560-5725, no less than two (2) business days prior to this meeting to enable OCTA to make reasonable arrangements to assure accessibility to this meeting.

Minutes

Environmental Cleanup Allocation Committee

Committee Members Present
Garry Brown, Chair
Keith Linker, Vice Chair
Peter Grant, City of Cypress
Shohreh Dupuis, City of Laguna Beach
Lorrie Lausten, Trabuco Canyon Water District
Grant Sharp, OC Public Works
Jeff Thompson, Rancho Mission Viejo
Alex Waite, City of Tustin
Dennis Wilberg, City of Mission Viejo
Kyle Fructuoso, Santa Ana RWQCB
Matt Collings, Moulton Niguel Water District

Member(s) Absent
Danny Kim, California State University, Fullerton
Hector Salas, Caltrans, District 12
Laurie Walsh, San Diego RWQCB

Orange County Transportation Authority
Conference Room 07
550 South Main Street
Orange, CA
Thursday, January 12, 2023 at 11:00 am

1. **Welcome**
   Garry Brown called the Environmental Cleanup Allocation Committee (ECAC) meeting to order.

2. **Approval of October 6, 2022 Minutes**
   A motion was made by Keith Linker, seconded by Grant Sharp and passed by those present to approve the October 6, 2022 ECAC minutes. Abstentions from Shohreh Dupuis and Garry Brown.

3. **Welcome New Committee Members**
   New committee members Matt Collings, Moulton Niguel Water District; Kyle Fructuoso, Santa Ana RWQCB; and Shohreh Dupuis, City of Laguna Beach were introduced.

4. **Opportunities & Considerations for Stormwater Project Funding**
   Jenna Voss, Orange County Public Works, provided an overview on this item.

   Committee Member Comments:
   A committee member commented that many state and federal grants are targeted to disadvantaged communities and is there a way to know how many or which ones are focused on the disadvantaged communities.

A committee member commented about the prioritization of stormwater and clean water projects through Integrated Regional Water Management (IRWM). He suggested that other projects were not being caught in that collection and that brainstorming with other agencies, other innovative ideas were being missed and asked how that could be facilitated.

5. Tier 1 Guidelines Revisions and Call for Projects

Alison Army and Adrian Salazar of OCTA presented an overview of the action items.

Action Recommendations:
A. Endorse the proposed revisions to the Comprehensive Transportation Funding Programs Guidelines for the Environmental Cleanup Program (Project X) Tier 1 program.
B. Recommend the Board of Directors approval to issue the 2023 Environmental Cleanup Program Tier 1 call for projects.

A motion to approve was made by Dennis Wilberg. Jeff Thompson seconded, and the vote was approved unanimously.

6. Public Comments
There were no public comments.

7. Committee Member Reports
A committee member asked, with the schedule going back to the way it was for Tier 1 this year, is that setting the stage for Tier 2 in the second half of the calendar year. Alison Army responded there was no set date for Tier 2, but perhaps in the latter part of the year.

A committee member asked if there was an idea of the amount of Tier 2 funding per project this year. Alison Army responded that about $10 million is anticipated for the project call. Per project funding has yet to be determined. Dan Phu responded it will be significantly less than what it was back in 2013. They will come back to this committee with what are imagined to be significant changes to the 2013 guidelines under the Tier 2 program.

A committee member asked if the OCTA Board is provided information on how many or what cities have been funded, what grants they have received over the years, any type of recap. Alison Army responded they have done updates in the past. Dan Phu responded they could provide an update when they go to the OCTA Board with the Tier 1 funding recommendations.

A committee member asked Jenna Voss if the IRWM program was politically safe. Jenna Voss responded that after Proposition 1, there is currently not another voter-approved bond allocating funds directly to IRWM. There is ongoing legislative work to get IRWM featured again in upcoming bills.

8. **Next Meeting – April 13, 2023**

9. **Adjournment**
   The meeting adjourned at 11:51 a.m.

July 13, 2023

To: Environmental Cleanup Allocation Committee

From: Orange County Transportation Authority Staff

Subject: Comprehensive Transportation Funding Programs – Project X Tier 1 2023 Call for Projects Programming Recommendations

Overview

The Orange County Transportation Authority's Environmental Cleanup Program provides Measure M2 funding for water quality improvement projects to address transportation-generated pollution. The 2023 Tier 1 Grant Program call for projects was issued on February 13, 2023. Evaluations for grant applications are now complete, and a list of projects is presented for review and endorsement of recommended funding allocations.

Recommendation

Concur with the application review committee's recommendation and recommend approval to the Board of Directors to allocate $3,374,083 in Tier 1 Environmental Cleanup Program funding for 10 projects.

Background

In May 2010, the Orange County Transportation Authority (OCTA) Board of Directors (Board) approved a two-tiered approach to fund the Measure M2 (M2) Project X Environmental Cleanup Program (ECP). The Tier 1 Grant Program is designed to mitigate the more visible forms of pollutants, such as litter and debris, which collect on roadways and in catch basins prior to being deposited in waterways and the ocean. The Tier 2 Grant Program provides funding for larger projects treating catchment areas of 50 acres or greater and allows for multi-jurisdictional, capital-intensive structural treatment best management practice (BMP) types of projects.

Tier 1 funds are available for Orange County local jurisdictions to purchase and install equipment and other related BMPs that supplement, not supplant, current water quality programs. Examples include screens, filters, and inserts for catch basins, as well as other devices designed to remove the above-mentioned

pollutants. Proposed projects must demonstrate a direct nexus to the reduction of transportation-related pollution, as developed and defined by OCTA's Environmental Cleanup Allocation Committee (ECAC).

To date, the Board has approved funding for 212 Tier 1 projects, totaling over $33 million. It is estimated that nearly 60 million gallons of trash have been captured since inception of the ECP in 2011. On February 13, 2023, the Board approved issuance of the current 2023 ECP Tier 1 call for projects (call), making available approximately $3 million to support a 13th call for the ECP Tier 1 program.

Discussion

The ECP Tier 1 call application deadline was April 27, 2023. As of that date, ten applications were submitted from ten local jurisdictions. Applications were reviewed and evaluated by an application review committee consisting of OCTA staff and two members of the ECAC. Project applications were evaluated based on Board-approved selection criteria, which included the following:

- Effectiveness at removing trash and debris;
- Cost/benefit analyses;
- Pollution-reducing benefits;
- Project readiness;
- Adequacy of proposed operations and maintenance plans; and
- Submission of clear and detailed work plans with specific implementation timing documented.

Based upon evaluation of these key criteria, the application review committee is recommending that all ten projects be funded in the amount of $3,374,083 (Attachment A). Projects were deemed of good quality, demonstrating excellent return on investment towards environmental cleanup and consistent with the average scores of previously awarded projects. While the recommended award amount is higher than the Board-authorized target of $3 million, the funding recommendation aligns with award recommendations from previous cycles, which may be slightly below or above the Board authorized target.

The projects being recommended for funding primarily consist of catch basin debris screen devices including approximately 550 connector pipe screens (CPS), 426 automatic retractable screens (ARS), 24 full trash capture (FTC) units, 21 grated inlet trash screens (GITS), two hydrodynamic separators (HDS), one in-line trash trap unit, and one trash rover.

More detailed project descriptions are outlined in Attachment B, and a brief overview of these project types is also provided below.

- Catch basin debris screen devices: These devices prevent debris from entering the storm drain system through catch basins and primarily consist of CPS, ARS, FTC, and GITS type devices.
- An in-line trash trap unit is a precast concrete structure designed to treat pollutants present in stormwater and urban runoff through the capturing of trash, solids, and other debris in disposable mesh nets from incoming flows. The design of the trash trap unit effectively uses the energy of water flow to drive pollutants into nets in order to capture and separate trash, debris, and sediment, including all particles larger than one millimeter. Oil absorbing material can also be placed inside or outside the nets to absorb oil sheen and grease.
- An HDS utilizes a combination of swirl concentration and indirect screening to separate and capture trash and debris. The filtered water then passes into the separation area where suspended solids can settle, and runoff passes through. Trash and debris are captured and contained within the screen enclosure and vacuumed during maintenance.
- A trash rover is a mechanical device that can be deployed in larger enclosed bodies of water such as bays and harbors and is designed to collect floating waste autonomously and/or manually via remote control.

As part of this program, local agencies agree to contribute a minimum cash match of 20 percent of total project costs. All recommended projects either meet or exceed this requirement.

Next Steps

Upon ECAC endorsement of the application review committee's recommendations, OCTA staff will seek approval of the programming recommendations, identified above and in Attachment A, by the Regional Transportation Planning Committee and Board in August 2023.

Upon Board final approval, each funded agency will be required to execute a letter amendment (to their existing M2 Master funding Agreement) prior to project implementation. Once this process is complete, OCTA will initiate project monitoring and Board reporting through CTFP semi-annual review and M2 quarterly reporting processes.

Summary

The M2 Project X ECP Tier 1 2023 application review committee recently completed its review of 2023 applications. The ECAC is now being asked to endorse the evaluation committee's recommendations and recommend to the OCTA Board an award of $3,374,083 in Project X ECP Tier 1 Water Quality Program funds to support ten local jurisdiction projects.

Attachments

A. Project X 2023 Tier 1 Call for Projects – Programming Recommendations
B. Project X 2023 Tier 1 Call for Projects – Project Summaries

ATTACHMENT A

2023 Project X Tier 1 Call for Projects – Programming Recommendations

Projects Recommended for Funding							
No	**Agency**	**Project Title**	**Project Description**	**Local Match**	**Final Score**	**M2 Funding**	**Cumulative**
1	San Clemente	Avenida Pico and San Clemente Outlets Corridor Runoff Treatment Project	Install 72 CPS, 6 GITS, and 197 ARS units	20%	86	**$ 328,000**	$ 328,000
2	Mission Viejo	Trash and Runoff Abatement Project (TRAP): North El Toro Area	Install 49 CPS and 108 ARS units	20%	82	**$ 180,000**	$ 508,000
3	County of Orange	Ranch Plan Planning Area 3 Urban Stormwater Quality Infiltration and Pre-Treatment Basins Project	Install one mechanical filtration BMP, one infiltration basin, and one sub-surface infiltration basin with underground infiltration	83%	81	**$ 500,000**	$ 1,008,000
4	La Habra	Installation of Full Capture Trash Devices in Catch Basins - 2023	Install 67 CPS and 15 GITS units	20%	79	**$ 174,083**	$ 1,182,083
5	Laguna Hills	CPS-Mod & ARS-CL Screen Project, Phase XII	Install 75 CPS and 100 ARS units	20%	79	**$ 200,000**	$ 1,382,083
6	Orange, City of	Glassell Street & La Veta Avenue Water Quality Storm Drain Improvement Project	Install one HDS, 11 CPS, and two FTC units	20%	77	**$ 436,000**	$ 1,818,083
7	Huntington Beach	Huntington Beach Trash Removal Project Phase III - Hamilton Avenue Pump Station Retrofit	Install one In-Line Trash Trap system	58%	73	**$ 500,000**	$ 2,318,083
8	Costa Mesa	Greenville-Banning Channel and Santa Ana River HDS Installation Project	Install one HDS unit	20%	69	**$ 500,000**	$ 2,818,083
9	Newport Beach	Newport Harbor Trash Rover	Deploy one trash rover	20%	69	**$ 56,000**	$ 2,874,083

Projects Recommended for Funding - Contingent on Receipt of Revised City Council Resolution							
No	**Agency**	**Project Title**	**Project Description**	**Local Match**	**Final Score**	**M2 Funding**	**Cumulative**
10	Anaheim	Catch Basin Screen Installation Project - FY 2023/2024	Install 287 CPS, 22 FTC, and 21 ARS units	20%	78	**$ 500,000**	$ 3,374,083

Acronyms

ARS - Automatic Retractable Screen
BMP - Best Management Practice
CPS - Connector Pipe Screen
FTC - Full Trash Capture Unit
FY - Fiscal Year
GITS - Grated Inlet Trash Screen
HDS - Hydrodynamic Separator
M2 - Measure M2
N/A - Not Applicable

ATTACHMENT B

2023 Project X Tier 1 Call for Projects – Project Summaries

Project Descriptions		
Agency	**Project Title**	**Project Highlights**
Anaheim	Catch Basin Screen Installation Project - FY 2023/2024	The City of Anaheim proposes to install 287 CPS units, 22 FTC, and 21 ARS at existing storm drain catch basins at strategic high-traffic sites located throughout the Anaheim watershed and storm drain system, protecting the Carbon Creek, Westminster, and Santa Ana River Watersheds
Costa Mesa	Greenville-Banning Channel and Santa Ana River HDS Installation Project	The City of Costa Mesa proposes to install one HDS connected to the county storm system leading to Greenville-Banning Channel and Santa Ana River. The project captures drainage from a combination of land uses including high-density residential, mixed urban, commercial, industrial, and bus stops, as well as low-density residential and institutional land uses.
County of Orange	Ranch Plan Planning Area 3 Urban Stormwater Quality Infiltration and Pre-Treatment Basins Project	The County of Orange proposes to install one mechanical filtration BMP, one infiltration basin, and one sub-surface infiltration basion with underground infiltration in South Orange County, south of Cow Camp Road. The project addresses the storm water flows produced from the approximately 1,285-acre watershed tributary. The benefits to water quality include trash and pollutant removal, groundwater enhancement, and protection of San Juan Creek and downstream receiving waters.
Huntington Beach	Huntington Beach Trash Removal Project Phase III - Hamilton Avenue Pump Station Retrofit	The City of Huntington Beach proposes to install one In-Line Trash Trap system that would be located entirely within the city-owned Hamilton Avenue pump station yard next to the Santa Ana River. The project area receives storm flows and runoff from a 513.3-acre watershed, of which 106.8 acres is a priority land use.
La Habra	Installation of Full Capture Trash Devices in Catch Basins - 2023	The City of La Habra proposes to install 67 CPS-Mod systems and 15 GITS at various locations throughout La Habra to reduce trash and transportation-related pollution from entering receiving waters and impacting Orange County's surface and groundwater systems. To maximize the efficacy of the devices, the City has targeted catch basins that are located in high traffic areas. Priority area locations include industrial and commercial areas, such as shopping centers with high pedestrian and vehicular traffic.
Laguna Hills	CPS-Mod & ARS-CL Screen Project, Phase XII	The City of Laguna Hills proposes to install 75 CPS-Mod systems and 100 ARS-CL Curb Screens. The catch basins targeted for the BMP devices receive storm water runoff from 408 total acres in two watersheds including Aliso Creek and San Juan Creek Watersheds. Runoff travels through the cities of Aliso Viejo, Laguna Niguel, Unincorporated Orange County, and Laguna Beach before discharging into the Pacific Ocean.
Mission Viejo	Trash and Runoff Abatement Project (TRAP): North El Toro Area	The City of Mission Viejo proposes to install 49 CPS-Mod systems and 108 ARS-CL Curb Screens. The project location is 77 acres of entirely priority land use and will reduce stormwater pollution that drain to either Aliso Creek or San Juan Creek Watersheds by preventing trash and pollutants from arterial roadways and medium-high density residential areas.
Newport Beach	Newport Harbor Trash Rover	The City of Newport Beach proposes to purchase one WasteShark (or equivalent) trash rover as a continued effort to improve water quality for the Newport Harbor. In conjunction with previously installed catch basin screens, continuous deflection separators, marina trash skimmers, and debris booms, the trash rover will be deployed in Newport Harbor and capture floating trash and debris entering from storm drain systems and creeks.
Orange, City of	Glassell Street & La Veta Avenue Water Quality Storm Drain Improvement Project	The City of Orange proposes to install one HDS, 11 CPS, and two FTC. The HDS would be located in the existing storm drain system that ultimately discharges into Channel #5, collecting runoff from Watershed 3 as described in the City of Orange Master Plan of Drainage. The CPS and FTC would be installed within Watersheds 3 and 17 on Glassell Street and La Veta Avenue.
San Clemente	Avenida Pico and San Clemente Outlets Corridor Runoff Treatment Project	The City of San Clemente proposes to install 72 CPS-Mod systems, 6 GITS, and 197 ARS-CL Curb Screens in catch basins located on 240 acres of priority land use including retail along Avenida Pico, including Pico Plaza and the retail Outlets of San Clemente. The project area is almost entirely in the Segunda Deshecha Canada Watershed and flows directly into the Pacific Ocean at North Beach in San Clemente.

Acronyms
ARS - Automatic Retractable Screen
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