AGENDA

Environmental Cleanup Allocation Committee

Committee Members

Garry Brown, Chair
Keith Linker, Vice Chair
Matt Collings, Moulton Niguel Water District
Peter Grant, City of Cypress
Tyler Holst, Rancho Mission Viejo
Danny H. Kim, California State University, Fullerton
Lorrie Lausten, Trabuco Canyon Water District
Gaurav Rajen (Raj), Santa Ana RWQCB
Erica Ryan, San Diego RWQCB
Hector Salas, Caltrans District 12
Grant Sharp, OC Public Works
Alex Waite, City of Tustin

August 14, 2025, 10:30 a.m.
Orange County Transportation Authority
550 S. Main Street, Conference Room 09
Orange, California

1. **Welcome**

2. **Approval of February 13, 2025 Meeting Minutes**

3. **Tier 1 Programming Recommendations**
   Alison Army, OCTA

   Action Recommendation:

   Concur with the application review committee's recommendation and recommend approval to the Board of Directors to allocate $3,088,766 in Tier 1 Environmental Cleanup Program funding for 8 projects.

4. **Update on Future ECP Calls for Projects**
   Alison Army, OCTA
   Garry Brown, Chair

5. **Master Purchase Agreement for Tier 1 Equipment and Installation Update**
   Alison Army, OCTA

6. **Public Comments**

7. **Committee Member Reports**

8. **Next Meeting – TBD**

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
Alex Waite, City of Tustin
Danny H. Kim, California State University, Fullerton
Erica Ryan, San Diego RWQCB
Grant Sharp, OC Public Works
Lorrie Lausten, Trabuco Canyon Water District
Matt Collings, Moulton Niguel Water District
Michael Jones, Santa Ana RWQCB
Thomas Wheeler, Lake Forest, 3rd District

Orange County Transportation Authority
550 South Main Street, Conference Room 07
Orange, CA
February 13, 2025

Member(s) Absent
Jarad Hildenbrand, City of Laguna Hills
Hector Salas, Caltrans District 12
Peter Grant, City of Cypress
Tyler Holst, Rancho Mission Viejo

1. Welcome

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

2. Approval of September 12, 2024, Minutes

A motion was made by Thomas Wheeler, seconded by Matt Collings to approve the September 12, 2024 ECAC meeting minutes. Motion passed unanimously.

3. Tier 1 Guidelines Revisions and Call for Projects

Alison Army, OCTA, presented the item.

Committee Member Comments:
There were no committee comments.

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 Board of Directors approval to issue the 2025 Environmental Cleanup Program Tier 1 call for projects.*

Both items were taken as one motion, with the motion to approve made by Keith Linker, Thomas Wheeler seconded. The motion was approved unanimously.

4. Future ECP Calls for Projects Working Group Update

Alison Army, OCTA, Charvalen Alacar, OCTA, and Dan Phu, OCTA, presented the item.

Committee Member Comments:

A committee member asked how going to two phases would affect payment structure. Charvalen Alacar responded it would require two payment submittals, one for design engineering and one for construction.

A committee member asked if the payments would be at the beginning of the phases, except for the last payment. Charvalen Alacar responded currently, a request for 75% initial payment is made and design engineering phase need to be complete before requesting the next payment. Dan Phu commented that under the Regional Capacity, Streets and Roads Program, they are separate, distinct. You get funding for a roadway project where there is a timeline for completion, and then you can request the construction funds. There is no guarantee you will get the funding, and it is a whole separate project and obligation.

A committee member asked if there were any cases where design engineering was funded but not the construction. Dan Phu responded it is a bit of a risk, but there are state funding pods that design-ready projects can go after. Tier 2 projects are a combination of Measure M and state funding. Projects not funded can reapply at the next cycle call.

A committee member commented that two-phase funding would be helpful due to future large projects in which design would take a lot of time.

A committee member asked, if there was going to be two phases, would there need to be, in the Tier 2 monies, a division in the budgeting, one for engineering and one for construction. Charvalen Alacar responded they don't split between phases. For the Capacity Program they do it by dollar amount; 60% is reserved for projects under five million dollars and projects over five million dollars get 40%.

A committee member asked if receiving money for design and completing the design does not obligate money for construction. Charvalen responded that it is correct.

A committee member commented that design engineering projects that were shovel ready and had not been funded through the program should be considered equal to those that were applying for construction funding. Alison Army responded they are, that is correct, and they will make it more consistent with Project O.

A committee member asked what the next steps are. Alison Army responded staff will hold another ad hoc meeting in the March-April timeframe and report back to the committee in July, along with the funding recommendations for Tier 1.

Committee members and OCTA staff shared comments about the interest of the water districts in submitting projects, how to reach out to them and the eligibility requirements.

5. Master Purchase Agreement for Tier 1 Equipment and Installation Update

Alison Army, OCTA presented the item.

Committee Member Comments:
A committee member commented that having the county negotiate the contract was highly beneficial to the cities rather than having each city negotiate.

6. Public Comments

There were no public comments.

7. Committee Member Reports

Committee members commented on the capital improvement program (CIP) progress at the county level for a stormwater capture program, readiness, and funding eligibility. Looking to develop a regional stormwater capital improvement program where large-scale projects are capturing runoff from multiple jurisdictions being potentially used to foster the design, planning, operation and opening opportunities for funding from sources such as OCTA Project X.

A committee member asked what the goals of the meetings to develop a county-wide stormwater CIP. A committee member responded that the goal is to develop a framework within a couple of years for presenting large, regional scale projects, that are close to shovel-ready, to be eligible for future funding opportunities such as Tier 2.

A committee member commented that each regional board has added a dedicated staff member in the stormwater and recycled water groups to further the Governor's policy on enhancing water supply. The staff is available to help any agencies with their water needs, programs, and funding opportunities.

A committee member asked if there has already been a model identified. A committee member responded that it is a topic for their next meeting, there are some out there.

8. Next Meeting – July 10, 2025

9. Adjournment

The meeting adjourned at 11:17 a.m.

OCTA

August 14, 2025

To: Environmental Cleanup Allocation Committee

From: Orange County Transportation Authority Staff

Subject: Comprehensive Transportation Funding Programs – Project X Tier 1 2025 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 2025 Tier 1 Grant Program call for projects was issued on March 10, 2025. Evaluations for grant applications are now complete, and a list of projects is presented for review and endorsement of recommended funding allocations.

Recommendations

A. Concur with the application review committee's recommendation and recommend approval to the Board of Directors to allocate $3,088,766 in Tier 1 Environmental Cleanup Program funding for 8 projects.

Background

In May 2010, the Orange County Transportation Authority (OCTA) Board of Directors (Board) approved a two-tiered approach for 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 consists of funding for regional, potentially multijurisdictional, capital-intensive projects which address non-visible forms of pollution such as heavy metals, organic chemicals, sediment, and other transportation-related pollutants.

ECP funds are available for Orange County local jurisdictions to purchase and install equipment and other related best management practices (BMPs) that supplement, not supplant, current water quality programs. 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).

Since 2011, the Board has approved funding for 233 Tier 1 projects through 14 calls for projects (call), totaling over $40 million.

On March 10, 2025, the Board approved issuance of the current 2025 ECP Tier 1 call, making available approximately $3.5 million to support a 15th call for the Tier 1 program.

Discussion

The ECP Tier 1 call application deadline was May 8, 2025, nine applications were submitted from nine local jurisdictions. However, during the evaluation process, the City of Laguna Hills withdrew their application. The eight remaining 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 Tier 1 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 eight Tier 1 projects be funded in the amount of $3,088,766 (Attachment A). The projects recommended for funding were deemed of good quality, demonstrating excellent return on investment towards environmental cleanup and generally in alignment with the average scores of previously awarded projects.

The Tier 1 projects recommended for funding primarily consist of various catch basin debris screen devices including connector pipe screens (CPS), automatic retractable screens (ARS), full trash capture (FTC) units, grated inlet trash screens (GITS), brush inlet screens (BIS) as well as a trash rover and a hydrodynamic separator (HDS).

More detailed project descriptions are outlined in Attachment B, and a brief overview of these project types is 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, GITS, and BIS type devices.
- 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.
- 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.

As part of the Tier 1 program, local agencies would be required to contribute a minimum cash match of 20 percent of total project costs. All recommended projects either meet or exceed this requirement.

Next Steps

With the ECAC's endorsement of the application review committee's recommendations, OCTA staff will seek approval of the programming recommendations by the Regional Transportation Planning Committee and Board in October 2025.

Upon final Board 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 the Comprehensive Transportation Funding Programs semi-annual review and M2 quarterly reporting processes.

Summary

The M2 Project X ECP Tier 1 application review committee recently completed its review of the 2025 applications. The ECAC is requested to endorse the application review committee's proposal to fund eight Tier 1 projects in the amount of $3,088,766 and advance the recommendation to the OCTA Board for approval.

Attachments

A. Project X 2025 Tier 1 Call for Projects – Programming Recommendations
B. Project X 2025 Tier 1 Call for Projects – Project Summaries

ATTACHMENT A

2025 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	Mission Viejo	Trash and Runoff Abatement Project (TRAP): Citywide 2025	Install 32 CPS and 116 ARS units	20%	85	**$ 200,000**	$ 200,000
2	San Clemente	Inland Residential and Rancho San Clemente Industrial Runoff Treatment Project	Install 119 CPS, 4 GITS, and 264 ARS units	20%	83	**$ 564,000**	$ 764,000
3	Orange	White Oak Ridge & Palmyra Ave. Water Quality Storm Drain Improvement Project	Install one HDS and five CPS units	23%	76	**$ 600,000**	$ 1,364,000
4	Anaheim	Stormwater Catch Basin Screen Installation Project - Phase VI†	Install 18 CPS, 30 FTC, and 54 BIS units	20%	75	**$ 250,907**	$ 1,614,907
5	Seal Beach	5th Street at Electric Avenue Stormwater Treatment Project	Install one HDS and one ARS unit	30%	75	**$ 600,000**	$ 2,214,907
6	San Juan Capistrano	San Juan Capistrano High Priority CPS Screen Installation - 2025	Install 130 CPS units	20%	69	**$ 219,459**	$ 2,434,366
7	Irvine	Catch Basin Connector Pipe Screen Installation Project - Phase 5	Install 600 CPS units	33%	68	**$ 600,000**	$ 3,034,366
8	Newport Beach	Newport Harbor Trash Rover 2.0	Deploy one trash rover	20%	64	**$ 54,400**	$ 3,088,766

† Pre-award authority requested.

Projects Not Recommended for Funding (Withdrawn by Applicant)							
No	**Agency**	**Project Title**	**Project Description**	**Local Match**	**Final Score**	**M2 Funding Request**	**Cumulative**
9	Laguna Hills	Clarington Park Biofiltration Project	Install two biofiltration basins and five trash screens	25%	N/A	**$ 600,000**	$ 3,688,766

Acronyms

ARS - Automatic Retractable Screen
BIS - Brush Inlet Screen
CPS - Connector Pipe Screen
FTC - Full Trash Capture Unit
GITS - Grated Inlet Trash Screen
HDS - Hydrodynamic Separator
M2 - Measure M2
N/A - Not Applicable

2025 Project X Tier 1 Call for Projects – Project Summaries

No	Agency	Project Title	Project Highlights
1	Mission Viejo	Trash and Runoff Abatement Project (TRAP): Citywide 2025	The City of Mission Viejo proposes to install 32 CPS and 116 ARS in catch basins located Citywide. This project targets Priority Land Use (PLU) areas and will reduce stormwater pollution by capturing trash and pollutants on arterial roadways.
2	San Clemente	Inland Residential and Rancho San Clemente Industrial Runoff Treatment Project	The City of San Clemente proposes to install 119 CPS-Mod systems, 4 GITS, and 264 ARS-CL Curb Screens in catch basins located on 284 acres of Priority Land Use, including retail areas, medium- and high-density residential neighborhoods, and portions of the Rancho San Clemente Industrial Park. These areas also drain to sensitive downstream resources such as the Poche/Prima Deshecha watershed, coastal canyons, and the largely undeveloped San Mateo Creek watershed.
3	Orange	White Oak Ridge & Palmyra Ave. Water Quality Storm Drain Improvement Project	The City of Orange proposes to install one HDS and 5 CPS. The HDS would be located in the existing storm drain system that ultimately discharges into Handy Creek, collecting runoff from Watershed 19 as described in the City of Orange Master Plan of Drainage. The CPS would be installed within Watershed 17 on Palmyra Avenue and Main Street.
4	Anaheim	Stormwater Catch Basin Screen Installation Project - Phase VI	The City of Anaheim proposes to retrofit 100 existing storm drain catch basins at high-traffic, priority sites throughout the Anaheim watershed and storm drain system with 18 CPS, 30 FTC, and 54 BIS units. The project targets broken or frequently overwhelmed ARS and will protect the Carbon Creek, Westminster, and Santa Ana River
5	Seal Beach	5th Street at Electric Avenue Stormwater Treatment Project	The City of Seal Beach proposes to install one HDS and one ARS to efficiently redirect flow into the HDS with a bypass extension reconnecting to the Electric Avenue drainage system. Designed to improve stormwater quality, the project will enhance drainage capacity across a 37.3-acre tributary area contributing to the West End Pump Station in a low-lying coastal neighborhood.
6	San Juan Capistrano	San Juan Capistrano High Priority CPS Screen Installation - 2025	The City of San Juan Capistrano proposes to install 130 CPS units in catch basins located in high-density residential, commercial, and transit-heavy areas that contribute to transportation-related pollutants impacting the San Juan Creek Watershed. The selected locations coincide with priority land use zones and major roadways, including 12 bus stops, and are designed to prevent trash and debris 5mm or larger from entering the MS4 system, helping the City meet Clean Water Act standards and improve downstream water quality.
7	Irvine	Catch Basin Connector Pipe Screen Installation Project - Phase 5	The City of Irvine proposes to purchase and install 600 CPS units within existing catch basins at various locations in Planning Areas 5 (Northwood Point), 6 (Portola Springs), 9 (Woodbury), and 51 (Great Park). The proposed CPS locations were selected considering several factors such as development areas, increased vehicle/pedestrian traffic, the absence of stormwater treatment by a natural treatment system, drainage from Priority Land Use areas, and drainage to downstream receiving waters listed on the Clean Water Act.
8	Newport Beach	Newport Harbor Trash Rover 2.0	The City of Newport Beach proposes to purchase and deploy a second trash rover as an expansion of the existing Newport Harbor Trash Rover Project, continuing efforts to improve water quality and reduce trash and debris in Newport Harbor. The first rover was launched in February 2025, and the addition of a second unit will increase the coverage area for collecting floating debris. 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.

Acronyms

ARS - Automatic Retractable Screen
BIS - Brush Inlet Screen
CPS - Connector Pipe Screen
FTC - Full Trash Capture Unit
GITS - Grated Inlet Trash Screen
HDS - Hydrodynamic Separator